

ADDENDUM NO. 4

TO: PLANS AND SPECIFICATIONS FOR THE STATE OF MISSOURI

Replace Heat Pumps
BW Robinson State School
Rolla, MO
PROJECT NO. E2341-01

Bid Opening Date: 1:30 PM, December 4, 2025 (Unchanged)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

- 1. ADD: SECTION 012200 – UNIT PRICES**
- 2. ADD: SECTION 004322 – UNIT PRICES FORM “Included in updated BID FORM to be used when submitting bid.”**
- 3. SECTION 23 8127:**
 - 1) Part 2 Products paragraph 2.01 Manufacturers: Add Bosch as an approved manufacturer.
 - 2) Part 2 Product paragraph 2.03 Accessory Equipment shall be revised to:
 - A. Room temperature sensor: Provide a Bacnet controller in the heat pump that can be controlled by the existing Alerton room temperature sensor.
 - B. The heat pumps shall be connected to the existing Alerton BAS system.
 - C. The existing heat pumps HP-6 and HP-9 that are to remain will require new Alerton space temperature sensors connected to the existing BAS as noted on the plans.
- 4. Condenser Water Treatment:**
 1. Walter Louis Fluid Technologies shall be responsible for the water treatment for the project. Contact them at 217-223-2017.
 2. Provide PH adjustment and corrosion inhibitors for Building condenser water systems. Chemicals shall be formulated to prevent scale and corrosion in closed loop piping systems and connected equipment. Maintain the system PH in the 8.0 to 10.5 range. The system shall contain a solution of 15% Propylene Glycol and 85% water by volume in addition to the corrosion inhibitors.
 3. Contractor will be responsible for all chemical treatment to get system back to specifications.

DRAWING CHANGES:

Drawing M-601:

1. Revise the Heat Pump Schedule per the attached schedule.
2. Add the Piping Material Schedule per the attached schedule.

ADDENDUM NO. 4

Drawing E-101:

1. Drawing keyed note 4 shall be revised to read as follows: 3 #2/0 THWN, #6 CU GRD, 2" C BACK TO A NEW 175A, 3P BRKR IN EXISTING PANEL "MDP".
2. The existing "MDP" panel is located on the North wall of the electrical room containing the existing electrical panels "P1", "P2", "L", and "P".

GENERAL COMMENTS:

1. If an additional site visit is necessary, please contact Bryan Pearson, 573-368-2529, bryan.pearson@oa.mo.gov who will coordinate with the on-site personnel.
2. Please contact April Howser, contract specialist, at April.Howser@oa.mo.gov for questions about bidding procedures, MBE/WBE/SDVE goals, good faith effort forms, and bid submittal requirements.
3. All bids shall be submitted on the provided bid forms without additional terms and conditions, modifications, or stipulations. Each space on the bid forms shall be properly filled. Failure to do so will result in rejection of the bid.
4. MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 0%/0%/3%, respectively. All MBE, WBE, and SDVE contractors, subcontractors, and suppliers must be certified by the State of Missouri, Office of Equal Opportunity. No other certifications from other Missouri certifying agencies will be accepted. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Current Planholders list available online at: <https://oa.mo.gov/facilities/bid-opportunities/bid-listing-electronic-plans> Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65203, 573-446-7768 to order official plans and specifications.

ATTACHMENTS:

1. **Section 012200 – UNIT PRICES**
2. **Bid Forms (PER ADDENDUM 4)**
3. **Heat Pump Schedule and Piping Material Schedules**

END ADDENDUM NO. 4

SECTION 01 2200 - UNIT PRICES

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract Including General and Supplementary Conditions of other Division 1 Specifications Sections apply to this Section.

1.2 SUMMARY

A. This Section includes administrative and procedural requirements for Unit Prices.

B. Related Sections include the following:

1. Division 1 Section "Contract Modification Procedures" for procedures for submitting and handling Change Orders for unit prices.

1.3 DEFINITIONS

A. Unit Price is an amount proposed by bidders, stated on the Bid Form Attachment 004322 a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

A. Unit Prices include all necessary material plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.

B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of Unit Prices. Methods of measurement and payment for Unit Prices are specified in those Sections.

C. Owner reserves the right to reject Contractor's measurement of Work in-place that involves use of established Unit Prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.

D. List of Unit Prices: A list of Unit Prices is included in Part 3.

PART 2 - PRODUCTS (Not Used)

PART 3 – EXECUTION

3.1 LIST OF UNIT PRICES

A. Unit Price No. 1:

1. Description: Lay-in ceiling tile to match existing.
2. Unit of Measurement: (1) 2x2 ceiling tile.
3. Base Bid Quantity: 50 ceiling tiles.

B. Unit Price No. 2:

1. Description: Lay-in ceiling tile to match existing.
2. Unit of Measurement: (1) 2x4 ceiling tile.
3. Base Bid Quantity: 50 ceiling tiles.

C. Any leftover unused tiles of either size shall be left at the site for the owner.

END OF SECTION 01 2200

STATE OF MISSOURI

Bid Time: 1:30 PM

Bid Date: _____

All bid documents shall be emailed to FMDCBids@oa.mo.gov

SECTION 004113 - BID FORM

1.0 BID

A. From: _____
(Bidder's Company Name)

Sole Proprietorship/General Partnership LLC Limited Partnership Corporation Joint Venture

Address: _____

City, State, Zip _____

Phone: _____ Email: : _____

Federal ID Number: _____ Missouri Business Charter Number: _____

Contact Name: _____ Contact email: _____

herein after called the "**Bidder**".

B. To: Director, Division of Facilities Management, Design and Construction
Room 730, Harry S Truman State Office Building
301 West High Street
Jefferson City, Missouri 65101

herein after called the "**Owner**."

C. For: Replace Heat Pumps
BW Robinson State School
Rolla, Missouri

D. Project Number: E2341-01

hereinafter called the "**Work**."

E. Documents: The undersigned, having examined and being familiar with the local conditions affecting the work and with the complete set of contract documents, including the Drawings, the Invitation For Bid, Instructions To Bidders, Statement of Bidders Qualifications, General Conditions, Supplement to General Conditions, and the technical specifications, including: addenda number _____ through _____ hereby proposes to perform the Work for the following:

F. Bid Amount: _____
_____ Dollars (\$ _____)

G. Allowances: See Section 012100 ALLOWANCES for bad weather days.

2.0 MBE/WBE/SDVE PERCENTAGE OF PARTICIPATION PROJECT GOALS

A. This project’s specific goals are: **MBE 0%, WBE 0%, and SDVE 3%**. NOTE: Only MBE/WBE firms certified by the State of Missouri Office of Equal Opportunity, and SDVE(s) meeting the requirements of Section 34.074, RSMo, and 1 CSR 30-5.010, as of the date of bid opening can be used to satisfy the MBE/WBE/SDVE participation goals for this project.

3.0 BID BOND

A. Accompanying the bid is: ___ 5% Bid Bond or ___ Cashier's Check/Bank Draft for 5% of base bid that is payable without condition to the Division of Facilities Management, Design and Construction, State of Missouri, as per Article 5 of "Instructions To Bidders".

4.0 CONTRACT COMPLETION TIME AND LIQUIDATED DAMAGES

A. The Bidder agrees to complete the work within **100 working days** from the date the Notice of Intent to Award is issued as modified by additional days added by the Owner’s acceptance of alternates, if applicable. This includes ten (10) working days for document mailing and processing. The Bidder further agrees to pay to, or allow the State as liquidated damages the sum of \$700 for each working day thereafter that the entire work is not substantially complete.

5.0 ATTACHMENTS TO BID

- 004322 Unit Prices Form
- 004336 Proposed Subcontractors
- 004337 MBE/WBE/SDVE Compliance Form
- 004338 MBE/WBE/SDVE Joint Venture Form
- 004339 MBE/WBE/SDVE Waiver Form
- 004340 SDVE Business Form
- 004541 Affidavit of Work Authorization
- 004545 Anti-Discrimination Against Israel Act Certification form

Reference Section 013513.13 DESE Drug Testing Certification

6.0 BIDDER'S CERTIFICATIONS

By signing and submitting this bid form, the Bidder certifies as follows:

A. No Undisclosed Interests or Associations, Collusion, or Solicitation of Other Bidders

1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation.
2. The Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham proposal.
3. The Bidder has not solicited or induced any person, firm or corporation to refrain from submitting a bid.
4. The Bidder has not sought by collusion or otherwise to obtain any advantage over any other bidder or over the Owner.

B. Accuracy of Contract Documents

The Bidder has based this bid upon an official/complete set of contract documents, either obtained from the Owner or from a secondary source known to the Bidder to have provided a complete and accurate set of contract documents. If the Bidder received the contract documents from such a secondary source, any errors or omissions in the contract documents shall be interpreted and construed in favor of the Owner and against the Bidder. This bid is based upon the conditions within Article 1.2 of the General Conditions.

C. Non-Discrimination

The Bidder will not discriminate against any employee or applicant for employment because of race, creed, color or national origin in the performance of the Work.

D. Prevailing Wage

MISSOURI PREVAILING WAGE LAW (Sections 290.210 to 290.340, RSMo): The Contractor shall pay not less than the specified hourly rate of wages, as set out in the wage order attached to and made part of the specifications for work under this contract, to all workers performing work under the contract, in accordance with sections 290.210 to 290.340, RSMo. The Contractor shall forfeit a penalty to the Owner of one hundred dollars per day (or portion of a day) for each worker that is paid less than the specified rates for any work done under the contract by the Contractor or by any subcontractor, in accordance with section 290.250, RSMo.

DAVIS-BACON ACT: The requirements of the Davis-Bacon Act are not applicable to this project, which is funded solely by Coronavirus State and Local Fiscal Recover Funds (SLFRF) under the American Rescue Plan Act (ARPA).

E. Transient Employers

The Bidder will comply with the provisions of Sections 285.230-234, RSMo, regarding transient employers.

F. Federal Work Authorization Program

The Bidder has enrolled and is participating in, and will continue to participate in, a federal work authorization program in accordance with Sections 285.525 and 285.530, RSMo for the duration of any contract awarded because of this bid.

G. Illegal Immigration Reform and Immigrant Responsibility Act (IIRIRA)

1. If awarded contract for this project, the Bidder/Contractor shall only utilize personnel authorized to work in the United States in accordance with applicable federal, state and local laws. This includes, but is not limited to, the Illegal Immigration Reform and Immigrant Responsibility Act (IIRIRA) and INA Section 274A.
2. If found to be in violation of this requirement or any applicable laws, and if the State of Missouri has reasonable cause to believe that the Contractor has knowingly employed individuals who are not eligible to work in the United States, the state shall have the right to cancel the contract immediately without penalty or recourse and suspend or debar the contractor from doing business with the state.
3. The Contractor agrees to cooperate fully with any audit or investigation from federal, state or local law enforcement agencies.

H. Anti-Discrimination Against Israel Act

1. If the awarded Contractor meets the definition of a company as defined in section 34.600, RSMo, and has ten or more employees, the Contractor shall not engage in a boycott of goods or services from the State of Israel; from companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or from persons or entities doing business in the State of Israel as defined in section 34.600, RSMo.
2. If, at any time during the life of the contract, Contractor meets the definition of a company as defined in section 34.600, RSMo, and the company's employees increases to ten or more OR the contractor's business status changes to become a company as defined in section 34.600, RSMo, and the company has ten or more employees, then the Contractor shall submit to the Division of Facilities Management, Design and Construction a completed Box C of the exhibit titled "Anti-Discrimination Against Israel Act Certification, and shall comply with the requirements of Box C.

7.0 SIGNATURES

FOR SOLE PROPRIETORSHIPS/GENERAL PARTNERSHIPS ONLY

Sole Proprietor's Name (printed)

Name each general partner: _____

Today's Date: _____

I, _____, being the sole proprietor/general partner of (name of business) _____ (and if the name of said business is other than my legal name, having filed a Registration of Fictitious Name with the Missouri Secretary of State in order to allow me to use such name in connection with my business, as provided by Section 417.200, RSMo, et seq.), do hereby submit this bid and agree to be bound unto the State of Missouri as herein provided (if a general partnership, all partners must sign below).

Signature: _____

Signature: _____

Signature: _____

Signature: _____

FOR LIMITED LIABILITY COMPANIES ONLY

_____ today's date _____ State(s) of organization: _____
Manager's (or Managing Member's) Name (printed)

I, _____, being the Manager (or Managing Member) of (full legal name of limited liability company from Articles of Organization) _____, and being duly authorized to act as herein provided on behalf of said limited liability company, do hereby submit this bid on behalf of said limited liability company and agree that said limited liability company shall be bound unto the State of Missouri as herein provided.

Signature: _____

FOR LIMITED PARTNERSHIPS/LIMITED LIABILITY PARTNERSHIPS/LIMITED LIABILITY LIMITED PARTNERSHIPS ONLY

_____ today's date: _____ State(s) of organization: _____
General/Managing Partner's Name (printed)

I, _____, being the General Partner/Managing Partner of (full legal name of limited partnership/limited liability partnership/limited liability limited partnership from partnership agreement or Certificate of Limited Partnership) _____, and being duly authorized to act as herein provided on behalf of said limited partnership/limited liability partnership/limited liability limited partnership, do hereby submit this bid on behalf of said limited partnership/limited liability partnership/limited liability limited partnership and agree that said limited partnership/limited liability partnership/limited liability limited partnership shall be bound unto the State of Missouri as herein provided.

Signature: _____

PER ADDENDUM #4

SECTION 004322 - UNIT PRICES FORM

PROJECT NUMBER: E2341-01

1.0 Description

- A. For changing specified quantities of work from those indicated by the contract drawings and specifications, upon written instructions of Owner, the following unit prices shall prevail. The unit prices include all labor, overhead and profit, materials, equipment, appliances, bailing, shoring, shoring removal, etc., to cover the finished work of the several kinds of work called for. Only a single unit price shall be given and it shall apply for either MORE or LESS work than that shown on the drawings and called for in the specifications or included in the Base Bid. In the event of more or less units than so indicated or included during construction the total contract price shall be decreased as appropriate or increased by contract change in accordance with General Conditions Article 4.1.

2.0 Unit Prices

- A. Unit Price No. 1 – Name: 2X2 ceiling tile
 - 1. Description: Lay-in ceiling tile to match existing..
 - 2. Unit of Measurement: (1) 2x2 ceiling tile.
 - 3. Base Bid Quantity 50 ceiling tiles.

\$ _____ per ceiling tile

- B. Unit Price No. 2 – Name: 2X4 ceiling tile
 - 1. Description: Lay-in ceiling tile to match existing
 - 2. Unit of Measurement: (1) 2x4 ceiling tile.
 - 3. Base Bid Quantity: 50 ceiling tiles.

\$ _____ per ceiling tile

SECTION 004336 – PROPOSED SUBCONTRACTORS

Project Number: E2341-01

Bidder's Company Name: _____

1.0 CONTRACTOR/SUBCONTRACTOR/MANUFACTURER/ SUPPLIER LIST

- A. For each category listed below, identify the subcontractor(s) who will perform the specified work and/or the manufacturer/supplier for the specified material or equipment, as applicable. If you plan to use your own employees to do any portion of the work, list yourself. If more than one firm will perform work in one category, you must identify both firms.
- B. After bid opening, no substitutions of the subcontractors, manufactures or suppliers listed below will be allowed except in accordance with Section 007200 – General Conditions, Article 3.1 and/or Article 3.7, as applicable.
- C. All manufacturers or suppliers required to be identified below must be an approved manufacturer or supplier as outlined in the bid specifications or in a written addenda in accordance with Section 4.0 of the Instructions to Bidders.
- D. **If any category or work identified below is left vacant or if an unapproved manufacturer or supplier is listed, the bid shall be deemed non-responsive and shall be rejected.**
- E. The Bidder hereby certifies that the following will be used in the performance of the work:

DESCRIPTION OF WORK	SPECIFICATION DIVISION OR SECTION(S)	NAME OF FIRM FOR BASE BID WORK
HVAC Installer	Division 23	

SECTION 004337 - MBE/WBE/SDVE COMPLIANCE EVALUATION FORM

Project Name: _____ Project No.: E2341-01

This form is to be completed by bidders and submitted to the State of Missouri, Division of Facilities Management, Design and Construction with the bid submittal. Submit one form per MBE/WBE/SDVE firm involved with the project. This includes any MBE/WBE/SDVE general contractor, joint venture, subcontractor or supplier, regardless of how many tier levels of sub-contracts.

A condition for remaining in competition for award is the satisfactory completion of this form for each minority/woman/service disabled veteran-owned firm that will perform a commercially useful function on the contract. The undersigned submits the following data with respect to the following firm's assurance to meet the Office of Administration's goal for MBE/WBE/SDVE participation.

1. Name of General Contractor: _____

2. MBE/WBE/SDVE Firm: _____

(Name)

(Address)

(City, State, Zip Code)

(Phone Number)

(email address)

Type of Business: _____ Type of Firm: MBE WBE SDVE

Officer Name & Title: _____

3. Describe the **subcontract actual work** to be performed (List BASE BID work and any ALTERNATE work separately):

BASE BID SCOPE OF WORK: _____

ALTERNATE (S) SCOPE OF WORK: (identify separately)

4. Indicate the **dollar (\$) amount** of contract to be subcontracted to the MBE/WBE/SDVE Firm:

BASE BID: \$ _____

ALTERNATE (S): (identify separately)

\$ _____
\$ _____
\$ _____

5. Is the proposed subcontractor listed in the Minority/Women Business Enterprise Directory maintained by the Office of Equal Opportunity (OEO) or the Division of Purchasing's SDVE directory? YES NO

Name of General Contractor Signee (Print): _____

Signature: _____

Title: _____

Date: _____

SECTION 004338 - MBE/WBE/SDVE ELIGIBILITY DETERMINATION FORM FOR JOINT VENTURES

Project Name: _____ Project No.: E2341-01

If bidder is a joint venture, this form shall be completed and submitted with the bid submittal to the Missouri State Division of Facilities Management, Design and Construction.

1. Joint Venture Firm: _____
(Name)

(Address) (City, State, Zip Code)

(Phone Number) (email address)

2. In order to be counted toward project MBE/WBE/SDVE goals, the MBE/WBE/SDVE partner(s) must be currently certified by a State of Missouri public entity or have proof of SDVE eligibility. Identify the firms which comprise the joint venture and include a copy of the certification of each MBE/WBE/SDVE firm included in the joint venture.

(a) Describe the role of each MBE, WBE, or SDVE firm in the joint venture:

(b) Briefly describe the experience and business qualifications of each non-MBE/WBE/SDVE co-venturer:

3. What is the claimed percentage of MBE/WBE/SDVE ownership in the joint venture?

4. Ownership of joint venture. **Attach a copy of the joint venture agreement.** (The following need not be filled in if described in the joint venture agreement)

(a) Description of profit and loss sharing:

(b) Description of capital contributions, including equipment:

(c) Description of other applicable ownership interests:

6. Control of, and participation in, this contract. Identify by name, race, sex, and "firm" those individuals (and their titles) who are responsible for day-to-day management and policy decision making including, but not limited to, those with prime responsibility for:

- Financial Decisions Management Decisions Estimating Marketing Sales
- Hiring (of management) Firing (of management) Purchase of major items or supplies

Name	Race	Sex	Firm & Title	Responsibility	Management Decisions

NOTE: If after filing this information and before the completion of the joint venture's work on the contract covered by this regulation, there is any significant change in the information submitted, the joint venture must inform the Commissioner, either directly or if the joint venture is a subcontractor through the prime contractor.

AFFIDAVIT

"The undersigned swear that the foregoing statements are correct and include all material and information necessary to identify and explain the terms and operation of our joint venture and the intended participation by each joint venturer in the undertaking. Further, the undersigned covenant and agree to provide the Commissioner, Office of Administration, current, complete and accurate information regarding actual joint venture work and the payment therefore and any proposed changes in any of the joint venture arrangements and to permit the audit and examination of the books, records, and files of the joint venture, or those of each joint venturer relevant to the joint venture, by authorized representatives of the Commissioner of the Office of Administration. Any material misrepresentation will be grounds for terminating any contract which may be awarded and for initiating action under Federal or State laws concerning false statements."

Name of Firm: _____
Signature: _____
Name: _____
Title: _____
Date: _____

Name of Firm: _____
Signature: _____
Name: _____
Title: _____
Date: _____

Date: _____

State of: _____

County of: _____

On this _____ day of _____, 20____, before me appeared
(name) _____ to me personally known, who, being duly sworn, did execute the foregoing
affidavit, and did state that he or she was properly authorized by (name of firm) _____
to execute the affidavit and did so as his or her own free act and deed.

Notary Public: _____ (seal)

My commission expires: _____

Date: _____

State of: _____

County of: _____

On this _____ day of _____, 20____, before me appeared
(name) _____ to me personally known, who, being duly sworn, did execute the foregoing
affidavit, and did state that he or she was properly authorized by (name of firm) _____
to execute the affidavit and did so as his or her own free act and deed.

Notary Public: _____ (seal)

My commission expires: _____

SECTION 004339 - GOOD FAITH EFFORT (GFE) DETERMINATION - MBE

Bidder may reach goals for each category as outlined in Section 001116 - Invitation to Bid by participation, GFE or a combination of both.

***THIS PAGE IS FOR MBE
GFE ONLY***
Failure to submit for each diversity category on a separate page may result in rejection of the bid.

INSTRUCTIONS: To meet full MBE GFE goals, refer to Section 002113-Instructions to Bidders providing at least 3 certified companies with all columns completed for each company.

If the bidder has identified companies with actual participation in Section 004337 - MBE/WBE/SDVE Compliance Form do not list those companies below as they will only be scored for participation, not GFE. Any questions or clarifications should be directed to the Contract Specialist of record.

In order to be counted toward the goals, an MBE or WBE must be certified by the State of Missouri, Office of Equal Opportunity and an SDVE must be certified by the State of Missouri, Office of Equal Opportunity or by the Veteran Small Business Administration.

MBE and WBE: <https://apps1.mo.gov/MWBCertifiedFirms/> SDVE: <https://oeo.mo.gov/sdve-certification-program/> or <https://veterans.certify.sba.gov/#search>

Bidder's Company Name: _____

Project Number: E2341-01

Name of Firm and Person Contacted: Verify that firm is currently certified with Office of Equal Opportunity (OEO)	Category of Work (e.g.: Electrician) or Type of Supplier (e.g.: Plumbing Supplier)	Date of Contact	Response from Subcontractor or Supplier

SECTION 004339 - GOOD FAITH EFFORT (GFE) DETERMINATION - WBE

Bidder may reach goals for each category as outlined in Section 001116 - Invitation to Bid by participation, GFE or a combination of both.

***THIS PAGE IS FOR WBE
GFE ONLY***
Failure to submit for each diversity category on a separate page may result in rejection of the bid.

INSTRUCTIONS: To meet full WBE GFE goals, refer to Section 002113-Instructions to Bidders providing at least 3 certified companies with all columns completed for each company.

If the bidder has identified companies with actual participation in Section 004337 - MBE/WBE/SDVE Compliance Form do not list those companies below as they will only be scored for participation, not GFE. Any questions or clarifications should be directed to the Contract Specialist of record.

In order to be counted toward the goals, an MBE or WBE must be certified by the State of Missouri, Office of Equal Opportunity and an SDVE must be certified by the State of Missouri, Office of Equal Opportunity or by the Veteran Small Business Administration.

MBE and WBE: <https://apps1.mo.gov/MWBCertifiedFirms/> SDVE: <https://oeo.mo.gov/sdve-certification-program/> or <https://veterans.certify.sba.gov/#search>

Bidder's Company Name: _____

Project Number: E2341-01

Name of Firm and Person Contacted: Verify that firm is currently certified with Office of Equal Opportunity (OEO)	Category of Work (e.g.: Electrician) or Type of Supplier (e.g.: Plumbing Supplier)	Date of Contact	Response from Subcontractor or Supplier

SECTION 004339 - GOOD FAITH EFFORT (GFE) DETERMINATION - SDVE

Bidder may reach goals for each category as outlined in Section 001116 - Invitation to Bid by participation, GFE or a combination of both.

***THIS PAGE IS FOR SDVE
GFE ONLY***
Failure to submit for each diversity category on a separate page may result in rejection of the bid.

INSTRUCTIONS: To meet full SDVE goals, refer to Section 002113-Instructions to Bidders providing at least 3 certified companies with all columns completed for each company.

If the bidder has identified companies with actual participation in Section 004337 - MBE/WBE/SDVE Compliance Form do not list those companies below as they will only be scored for participation, not GFE. Any questions or clarifications should be directed to the Contract Specialist of record.

In order to be counted toward the goals, an MBE or WBE must be certified by the State of Missouri, Office of Equal Opportunity and an SDVE must be certified by the State of Missouri, Office of Equal Opportunity or by the Veteran Small Business Administration.

MBE and WBE: <https://apps1.mo.gov/MWBCertifiedFirms/> SDVE: <https://oeo.mo.gov/sdve-certification-program/> or <https://veterans.certify.sba.gov/#search>

Bidder's Company Name: _____

Project Number: E2341-01

Name of Firm and Person Contacted: Verify that firm is currently certified with Office of Equal Opportunity (OEO) or the federal U.S. Small Business Administration	Category of Work (e.g.: Electrician) or Type of Supplier (e.g.: Plumbing Supplier)	Date of Contact	Response from Subcontractor or Supplier

MISSOURI SERVICE-DISABLED VETERAN BUSINESS PREFERENCE FORM

Pursuant to section 34.074, RSMo, a service-disabled veteran business doing business as Missouri firm, corporation, or individual, or that maintains a Missouri office or place of business, shall receive a three-point bonus preference in the contract award process. The bonus preference will be calculated and applied by reducing the bid amount(s) of the eligible service-disabled veteran business by three percent of the apparent low responsive bidder’s bid. This reduction is for evaluation purposes only, and will have no impact on the actual amount(s) of the bid or the amount(s) of any contract awarded. In order to be eligible for the service-disabled veteran business preference, the bidder must complete and submit this form with its bid.

Definitions (as provided by Section 34.074, RSMo):

Service-Disabled Veteran: any individual who is disabled as certified by the appropriate federal agency responsible for the administration of veterans’ affairs.

Service-Disabled Veteran Business: a business concern:

- a. not less than fifty-one (51) percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than fifty-one (51) percent of the stock of which is owned by one or more service-disabled veterans; and
- b. the management and daily business operations of which are controlled by one or more service-disabled veterans.

In order to receive the preference described above, the bidder must either be registered with the Office of Administration, Office of Equal Opportunity or the Veteran Small Business Administration or provide a copy of the bidder’s discharge papers (DD Form 214, Certificate of Release from Active Duty). For ease of evaluation, it is preferred that proof of registration with Division of Purchasing or the VA be provided with this form. Discharge papers are not required if registered with Division of Purchasing or the VA.

By signing below, I certify that I meet the definitions of a service-disabled veteran and a service-disabled veteran business, as defined in Section 34.074, RSMo, and that I am either doing business as a Missouri firm, corporation, or individual; or maintain Missouri offices or places of business at the location(s) listed below.

Service-Disabled Veteran’s Name
(Please Print)

Service-Disabled Veteran Business Name

Service-Disabled Veteran’s Signature

Missouri Address of Service-Disabled Veteran Business

SECTION 004541 - AFFIDAVIT OF WORK AUTHORIZATION

STATE OF _____)
)
COUNTY OF _____)

On this _____ day of _____, 20_____, before me appeared _____ (Contractor representative), personally known to me or proved to me on the basis of satisfactory evidence to be a person whose name is subscribed to this affidavit, who being by me duly sworn, deposed as follows:

My name is _____ (Contractor representative), and I am of sound mind, capable of making this affidavit, and personally certify the facts herein stated, as required by Section 285.530, RSMo, to enter into any contract agreement with the state to perform any job, task, employment, labor, personal services, or any other activity for which compensation is provided, expected, or due, including but not limited to all activities conducted by business entities:

I am the _____ of _____, and I am duly authorized, directed, and/or empowered to act officially and properly on behalf of this business entity.
title business name

I hereby affirm and warrant that the aforementioned business entity is enrolled in a federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, and the aforementioned business entity shall participate in said program with respect to all employees working in connection with the contracted services related to _____ with the Office of Administration, Division of Facilities Management, Design and Construction (FMDC). I have attached documentation to this affidavit to evidence enrollment/participation by the aforementioned business entity in a federal work authorization program, as required by Section 285.530, RSMo.
Project Number

In addition, I hereby affirm and warrant that the aforementioned business entity does not and shall not knowingly employ, in connection to work under the within state contract agreement with FMDC, an alien who does not have the legal right or authorization under federal law to work in the United States, as defined in 8 U.S.C. § 1324a(h)(3).

I am aware and recognize that, unless certain contract and affidavit conditions are satisfied pursuant to Section 285.530, RSMo, the aforementioned business entity may be held liable under Section 285.525 through 285.559, RSMo, for subcontractors that knowingly employ or continue to employ any unauthorized alien to work within the state of Missouri.

I acknowledge that I am signing this affidavit as a free act and deed of the aforementioned business entity and not under duress.

Affiant Signature

Subscribed and sworn to before me this _____ day of _____, 20_____.

Notary Public

My commission expires:

SECTION 004545
ANTI-DISCRIMINATION AGAINST ISRAEL ACT CERTIFICATION

Statutory Requirement: Section 34.600, RSMo, precludes entering into a contract with a company to acquire products and/or services “unless the contract includes a written certification that the company is not currently engaged in and shall not, for the duration of the contract, engage in a boycott of goods or services from the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel.”

Exceptions: The statute provides two exceptions for this certification: 1) “contracts with a total potential value of less than one hundred thousand dollars” or 2) “contractors with fewer than ten employees.” Therefore the following certification is required prior to any contract award.

Section 34.600, RSMo, defines the following terms:

Company - any for-profit or not-for-profit organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly-owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of those entities or business associations.

Boycott Israel and Boycott of the State of Israel - engaging in refusals to deal, terminating business activities, or other actions to discriminate against, inflict economic harm, or otherwise limit commercial relations specifically with the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel, that are all intended to support a boycott of the State of Israel. A company’s statement that it is participating in boycotts of the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel, or that it has taken the boycott action at the request, in compliance with, or in furtherance of calls for a boycott of the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel shall be considered to be conclusive evidence that a company is participating in a boycott of the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel; provided, however that a company that has made no such statement may still be considered to be participating in a boycott of the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel if other factors warrant such a conclusion.

Certification: The vendor must therefore certify their current status by completing either Box A, Box B, or Box C on the next page of this Exhibit. (As used herein, “vendor” refers to any contractor or consultant entering into a contract with the Division of Facilities Management, Design and Construction. “Contract” is used generically to include both a contract for construction or agreement for design services.)

- BOX A:** To be completed by any vendor that does not meet the definition of “company” above, hereinafter referred to as “Non-Company.”
- BOX B:** To be completed by a vendor that meets the definition of “Company” but has less than ten employees.
- BOX C:** To be completed by a vendor that meets the definition of “Company” and has ten or more employees.

BOX A – NON-COMPANY ENTITY

I certify that _____ (Entity Name) currently **DOES NOT MEET** the definition of a company as defined in section 34.600, RSMo, but that if awarded a contract and the entity’s business status changes during the life of the contract to become a “company” as defined in section 34.600, RSMo, and the entity has ten or more employees, then, prior to the delivery of any services and/or supplies as a company, the entity agrees to comply with, complete, and return Box C to the Division of Facilities Management, Design and Construction at that time.

Authorized Representative’s Name (Please Print)

Authorized Representative’s Signature

Entity Name

Date

BOX B – COMPANY ENTITY WITH LESS THAN TEN EMPLOYEES

I certify that _____ (Company Name) **MEETS** the definition of a company as defined in section 34.600, RSMo, and currently has less than ten employees but that if awarded a contract and if the company increases the number of employees to ten or more during the life of the contract, then said company shall comply with, complete, and return Box C to the Division of Facilities Management, Design and Construction at that time.

Authorized Representative’s Name (Please Print)

Authorized Representative’s Signature

Company Name

Date

BOX C – COMPANY ENTITY WITH TEN OR MORE EMPLOYEES

I certify that _____ (Company Name) **MEETS** the definition of a company as defined in section 34.600, RSMo, has ten or more employees, and is not currently engaged in a boycott of goods or services from the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel as defined in section 34.600, RSMo. I further certify that if the company is awarded a contract for the services and/or supplies requested herein said company shall not engage in a boycott of goods or services from the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel as defined in section 34.600, RSMo, for the duration of the contract.

Authorized Representative’s Name (Please Print)

Authorized Representative’s Signature

Company Name

Date

HEAT PUMP SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	CONFIGURATION POS. / ORIN.	S.A. (CFM)	ESP (IN W.C.)	COOLING		HEATING			WATER FLOW (GPM)	H.P. WPD (FT)	FILTER		ELECTRICAL			NOTES			
						CAPACITY (MBH)		EWT (°F)	EER	CAP. TOTAL (BTH)			EWT (°F)	COP	QTY	SIZE MERV 8	VOLTS		Ø	MCA (AMPS)	MAX FUSE
						TOTAL	SENSIBLE														
HP-1	DAIKIN	WSCH070	HORIZONTAL	2165	0.8	66.6	46.3	90	13.5	72.6	55	4.1	18.0	5.0	1	16X20X2	208	3	31.6	50	1,2,3,4
HP-2	DAIKIN	WSCH019	HORIZONTAL	675	0.2	19.1	13.7	90	15.8	19.3	55	4.6	4.5	4.4	1	18X24X2	208	1	11.8	15	1,2,3,4
HP-3	DAIKIN	WSCH024	HORIZONTAL	800	0.2	22.5	15.8	90	14.2	23.2	55	4.5	6.0	7.9	1	18X34X2	208	3	11.7	15	1,2,3,4
HP-4	DAIKIN	WSCH024	HORIZONTAL	800	0.2	22.5	15.8	90	14.2	23.2	55	4.5	6.0	7.9	1	18X34X2	208	3	11.7	15	1,2,3,4
HP-5	DAIKIN	WSCH024	HORIZONTAL	800	0.2	22.5	15.8	90	14.2	23.2	55	4.5	6.0	7.9	1	18X34X2	208	3	11.7	15	1,2,3,4
HP-7	DAIKIN	WSCH019	HORIZONTAL	675	0.2	19.1	13.7	90	15.8	19.3	55	4.6	4.5	4.4	1	18X24X2	208	1	11.8	15	1,2,3,4
HP-8	DAIKIN	WSCH019	HORIZONTAL	675	0.2	19.1	13.7	90	15.8	19.3	55	4.6	4.5	4.4	1	18X24X2	208	1	11.8	15	1,2,3,4

NOTES:

1. RATINGS ARE BASED ON (COOLING) 80/67; (HEATING) 68.
2. PROVIDE WITH MERV 8 FILTERS.
3. PROVIDE WITH ECM MOTORS ON FANS.
4. PROVIDE WITH NEW FLEX HOSES, SHUT-OFF VALVES, AND CIRCUIT SETTERS.

PIPING MATERIAL SCHEDULE

SYSTEM	PIPING					FITTINGS			OPERATING		FIELD TEST			INSULATION		
	SIZE	MATERIAL	SCH	ASTM	JOINTS	MAT.	SCH	JOINTS	PRESS (PSI)	TEMP (°F)	PRESS (PSI)	TYPE	TIME	THICKNESS	JACKET	TYPE
HEAT PUMP LOOP INTERIOR	<=2"	CP	L	B 88	SJ	CP	L	SJ	65	50-120	150	AIR	1 HR	1"	--	FG
HVAC CONDENSATE DRAIN PIPING	ALL	CP	L	B 88	SJ	CP	L	SJ	N/A	N/A	150	AIR	1 HR	1"	--	FG

PIPING MATERIAL LEGEND

ACR - COPPER (CLEAN AND CAPPED)
 BLK - BLACK STEEL PIPE
 CI - CAST IRON
 CP - COPPER
 ERW - ELECTRIC RESISTANCE WELD BLACK STEEL
 GLV - GALVANIZED
 HDPE - HIGH DENSITY POLYETHYLENE
 PVC - POLYVINYL CHLORIDE
 SL - SEAMLESS STEEL
 SS - STAINLESS STEEL

FITTING MATERIAL LEGEND

CI - CAST IRON
 CS - CARBON STEEL
 DI - DUCTILE IRON
 FS - 2000 # FORGED STEEL
 STD - STANDARD CS WELD
 XS - EXTRA STRONG

JOINING METHOD LEGEND

BS - BELL & SPIGOT
 CW - CONTINUOUS WELD
 F - FUSED
 LC - LEAD CAULKING
 MJ - MECHANICAL JOINT
 NH - NO-HUB
 S - BRAZED JOINT - SILVER BRAZING ALLOY
 SJ - SOLDER JOINT 95-5 TIN-ANTIMONY
 SW - SOLVENT WELD
 VIC-VICTAULIC WITH ROLLED GROOVE
 THRD - THREADED
 WELD - WELDED
 PP - PROPRESS

INSULATION TYPE LEGEND

FG - FIBERGLASS
 ARM - ARMAFLEX
 ASJ - ALL SERVICE JACKET
 PVC - PVC JACKET
 A - ALUMINUM JACKET