



Carrie Eklund
Central Services Manager
Finance Department

**INVITATION TO BID
WEATHERIZATION MECHANICAL MATERIAL
BID NO.: 213-HS-014**

2/1/13

Name of Bidding Firm: _____
Address _____ City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
E-Mail: _____

Bid Opening Time and Date 11:00 a.m., Local Time, Wednesday, February 20, 2013

Bids will be accepted until the specified opening time and date. Any bidder attempting to deliver after the opening time and date will be refused.

Bid Deposit/Bid Bond: NO
Prevailing Wage NO
Performance Bond: NO

PLEASE MARK THE RETURN SEALED ENVELOPE:

1. Bid Opening Date and Time
2. Title of Job
3. Bid Number

RETURN BIDS TO:

City of Rockford
Central Services Manager
425 East State Street, 4th Floor
Rockford, Illinois 61104
Telephone: (815) 987-5560

BIDS SUBMITTED BY FASC SIMILE OR E-MAIL WILL NOT BE ACCEPTED

BID RESULTS:

Bid results may be obtained by telephone at (815) 987-5560, by fax at (800) 380-7174, or at www.rockfordil.gov

CITY OF ROCKFORD, ILLINOIS—BIDDING GENERAL CONDITIONS

1. Pricing. The bidder shall insert price for all bid items and all other information requested in these specifications. The price shall be the *full, delivered cost* to the City of Rockford with no additions.
2. Total versus "Per Item" Awards. The City generally awards contracts based on a lump sum basis to the lowest responsible and responsive bidder. However, the City may choose to award on a per item basis. Therefore, each bidder must submit pricing for each item indicated on the bid forms. Bidders must clearly indicate which items are bid and which are not.
3. Delivery of Merchandise. Delivery terms will always be Freight On Board (FOB)—Destination. The City of Rockford accepts no responsibility for the condition of any merchandise purchased prior to acceptance by City Personnel. Failure to comply with this requirement may constitute rejection of the bid.
4. Acceptance of Merchandise at Delivery. The City of Rockford reserves the right to refuse acceptance of delivered merchandise that differs substantially from the specifications in this invitation to bid or as otherwise permitted by Illinois law.
5. Prompt Payment Act. The City of Rockford intends to comply with the governmental prompt payment act. The awarded vendor will be paid upon submission of invoices to: City of Rockford Accounts Payable, 425 East State Street, Rockford, IL 61104.
6. W-9 Request for Taxpayer Identification Number. Prior to issuance of a purchase order, the successful bidder will be required to supply the City of Rockford with a federal W-9 Request for Taxpayer Identification Number and Certification. Failure to comply with this requirement will be considered a violation of contract terms, for which the City may bar the vendor from bidding for a period of up to three years.
7. Legal Compliance. The vendor awarded this contract will comply with all Federal, State, County, and City laws, ordinances, rules and regulations, which in any manner affect the product or service placed for bid herein. Lack of knowledge on the part of the awarded vendor of applicable law will in no way be cause for release of this obligation. If the City becomes aware of violation of any laws, ordinances, rules and regulations on the part of the awarded vendor, it reserves the right to reject any bid, cancel any contract, and pursue any other legal remedies deemed necessary.
8. Legal Requirements. This contract sets forth the entire final agreement between the City of Rockford and the bidder and shall govern the respective duties and obligations of the parties. The validity of this contract, and any disputes arising from the contract, shall be governed by the laws of the State of Illinois. Any litigation under this agreement shall be resolved in the trial courts of Winnebago County, State of Illinois. Should a provision of this contract be declared invalid by a court of competent jurisdiction, it shall not affect the validity of the remaining provisions of the contract.
9. Safety. Prevention of accidents at any project is the sole responsibility of the awarded vendor and its subcontractors, agents, and employees. The awarded vendor, its subcontractors, agents, and employees shall be fully and solely responsible for the safety of this project. The awarded vendor shall retain exclusive and direct control over the acts or omissions of its subcontractors, agents and employees, and any other persons performing portions of the work and not directly employed by the awarded vendor.

10. **Criminal Background Check.** When necessary for the protection of citizens and/or City staff, the City may require an awarded vendor to conduct a criminal background check on all of its personnel who will have direct contact with City facilities or residents/businesses served under this contract. Personnel are defined as representatives, agents, employees, subcontractors, or anyone else who will be utilized to fulfill obligations under this contract. Criminal background checks, at a minimum, shall consist of a county level felony and misdemeanor check for each county in which the personnel resided in the last 10 years. The awarded vendor shall notify the City of any of its personnel who have been convicted of a felony or misdemeanor prior to commencing any work under this contract. At the City's discretion, personnel with any felony or misdemeanor convictions which raise a concern about the safety of building, property, or City staff/resident's personal security, or is otherwise job related (as determined by the City) shall not perform work under this contract. Once given notice that a background check(s) will be required, it must be completed within 14 calendar days so as to not delay work to be completed.

11. **Control of the Work.** With respect to the awarded vendor's own work, the City shall not have contractual, operational, and/or supervisory control over and/or charge of the work and shall not be responsible for construction means, methods, techniques, sequences, procedures, and programs in connection with the awarded vendor's work, since these are solely the vendor's responsibility under the agreement. The City shall not be responsible for the awarded vendor's failure to carry out the work in accordance with the agreement's terms and conditions. The City shall not have control over and/or charge of acts or omissions of the awarded vendor, its subcontractors, and/or their agents or employees, or any other person performing portions of the work not directly employed by the awarded vendor. The awarded vendor shall be considered to be an "independent contractor" pursuant to Illinois law.

12. **Bid Bond.** When required on the cover sheet, a bid bond for not less than 5 percent of the bid amount must accompany all bids as a guarantee that if the bid is accepted, the bidder will execute and file the proper contract. A bank cashier's check, bank draft, or certified check equal to the amount specified is acceptable in lieu of a bid bond. Bid bonds of the two lowest firms will be retained until the contract is awarded.

13. **Performance Bond.** When required by the specifications herein, the awarded vendor shall furnish a performance bond equal to the amount of the contract, acceptable to the City, within 14 calendar days after notification of contract award. Failure to furnish the required bond within the time specified may be cause for rejection of the bid and any bid deposit may be retained by the City as liquidated damages and not as a penalty.

14. **Taxes.** No charge will be allowed for taxes from which the City of Rockford, Illinois is exempt. The City of Rockford, Illinois is not liable for the Illinois Retailers' Occupation Tax, the Service Occupation Tax or the Service Use Tax. The City is exempt from the Federal Excise and Transportation Tax.

15. **Withdrawal of Bids.** Firms may withdraw or cancel their bids at any time prior to the advertised invitation to bid opening. After the opening time, no bid shall be withdrawn or cancelled. All bids shall be firm and valid for a period of sixty (60) calendar days. If a bidder to whom a contract is awarded refuses to accept the award, the City may, at its discretion, suspend the bidder for a period of time up to three (3) years.

16. **Subcontracting.** The bidder shall provide information for all subcontractors, leased operators/equipment, and suppliers and all other information requested in the Subcontractor and Supplier Detail Forms attached. Requests for deviations from the completed detail forms submitted must be made in writing, and reviewed and approved by the City's Diversity Procurement Officer and the Central Services Manager or designee. The awarded vendor may not subcontract any portion of the contract after award without written consent of the City of Rockford

Central Services Manager. When subcontractors are used, the awarded vendor is required to pay subcontractors promptly after completion of work. Delay of payment is prohibited.

17. Termination of Contract. The City of Rockford reserves the right to terminate the contract in its entirety or in portions, upon written notice to the awarded vendor, if the Rockford City Council does not appropriate sufficient funds to complete the contract or in the event of default by the awarded vendor. Default is defined as failure of the awarded vendor to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. In the event of default, the City may purchase the product(s) and/or service(s) from other sources and hold the defaulting company responsible for any excess costs occasioned thereby. The City may require payment of liquidated damages for non-performance. Should default be due to failure to perform or because of a request for a price increase, the City reserves the right to remove the firm from the City's bidder list for a period of up to three years.

18. Late Bids and Proposals. Regardless of cause, late bids and proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely the vendor's risk to ensure delivery at the designated office by the designated time. Late bids and proposals will not be opened and may be returned to the awarded vendor at their request and expense.

19. EEO Forms. Each firm shall be required to submit with its bid information all EEO forms included in the invitation to bid package. Any bid which fails to include the properly completed compliance items will not be read and will not be considered. All subcontractors shall also be required to comply with the same EEO forms as the firm.

20. Restrictive or Ambiguous Specifications. It is the responsibility of the bidding firm to review the invitation to bid specifications and to notify the Central Services Manager if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or invitation to bid procedures must be received by the Central Services Division not less than seventy-two hours prior to the time set for the opening. In the event a contract term is not defined within the contract document, the term will be given its ordinary dictionary definition.

21. Bid Protest. Firms wishing to protest bids or awards shall notify the Central Services Manager in writing within 7 days after the invitation to bid opening. The notification should include the bid number, the name of the firm protesting, and the reason why the firm is protesting the bid. The Central Services Manager will respond to the protest within seven (7) calendar days. A successful protest may result in the reversal of a previously awarded contract.

22. Disputes. In case of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the Central Services Manager, or authorized representative shall be final and binding to all parties. The Central Services Manager has the right to waive technicalities as they see fit. The Central Services Manager may request a written recommendation from the head of the department using the equipment or service being procured.

23. Exceptions. Any deviations from these specifications shall be noted and submitted with the bid. Failure to address deviations from specifications may result in bid rejection.

24. Acceptance/Rejection of Bids. The City of Rockford reserves the right to accept or reject any or all bids or proposals at any time, for any reason, including but not limited to the Rockford City Council not appropriating

sufficient funds to purchase equipment or complete the contract. The City may make awards in any manner deemed in the best interest of the City.

25. **Prevailing Wage.** When indicated on the cover page of this document, this contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires awarded vendors and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. When required, awarded vendors are responsible for paying current prevailing wage rates, as posted on the Illinois Department of Labor's website at: <http://www.state.il.us/agency/idol/rates/rates.HTM>. It is the awarded vendor's responsibility to verify current wage rates, as they are updated monthly. All awarded vendors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice, and record keeping duties.

26. **Certified Payroll.** All Certified Payroll reports required to be submitted under the Prevailing Wage Act, 820 ILCS 130, must be submitted monthly via email, in Excel or some format compatible with Excel, to certified.payroll@rockfordil.gov.

27. **Substance Abuse Prevention.** When required by Illinois State Statutes, awarded vendors must have in place and file with the City a written program for prevention of substance abuse among its employees. This program must include pre-hire, random, reasonable suspicion, and post-accident drug and alcohol testing, as required by the Substance Abuse Prevention on Public Works Projects Act.

28. **Apprenticeship Requirement.** For construction contracts over \$50,000, awarded vendors must participate in apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all Trades that will be in the awarded vendor's (or his subcontractor's) employment, with each worker receiving the required apprenticeship/training appropriate to his trade. Owners or work performed by owners is not exempt from the apprenticeship and training requirement.

29. **Indemnification.** To the fullest extent permitted by law, the awarded vendor shall indemnify and hold harmless the City, its officers, representatives, elected and appointed officials, agents, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the awarded vendor's performance of work under this agreement, and indemnifies and agrees to defend and hold harmless the City against any and all losses, claims, damages, and expenses arising from the work performed hereunder of the erection, construction, placement, or operation of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance in connection with such work including but not limited to losses, claims, damages, and expenses arising pursuant to claims asserted against the City pursuant to theories premised upon section 414 of the Restatement (Second) of Torts and section 343 of the Restatement (Second) of Torts.

This indemnification agreement shall not be limited in any way by any limitations on the amount or type of damages, compensation, or benefits payable by or for the awarded vendor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts, and serves as an express agreement to waive the protection of *Kotecki v. Cyclops Welding Corp.*, 146 Ill.2d 155, 585 N.E.2d 1023 (1991) in Illinois.

Further, the awarded vendor agrees that it is solely responsible for compliance with all safety laws applicable to the work performed hereunder, including but not limited to the Occupational Safety and Health Act of 1970 and the Construction Safety Act of 1960 and all standards and regulations which have been or shall be promulgated by the agencies which administer the Acts.

Under no circumstances shall the awarded vendor, its subcontractors, agents, and employees be required to indemnify the City for its own negligence.

30. Officers. Each bidder affirms, by submission of a response to this bid or request for proposals, that no officer of the City of Rockford, Illinois, is directly or indirectly interested in the proposal for any reason of personal gain.

31. Non-Waiver. The failure by the City to require performance of any provision shall not affect the City's right to require performance at any time thereafter, nor shall a waiver of any breach or default of this contract constitute a waiver of any subsequent breach or default or a waiver of the provision itself.

32. Professional Services Selection Act. The City of Rockford intends to comply with 50 ILCS 510/5 governing the selection of professional services. Any reference in these terms and conditions to supplying pricing or price as a determining factor in selection do not apply for services covered by said act.

33. The City of Rockford reserves the right to accept or reject any and all proposals and to waive technicalities in submitted bids.

**BID REQUIREMENTS FOR
EQUAL EMPLOYMENT OPPORTUNITY**

All bidders seeking to do business with the City of Rockford are **REQUIRED** to submit with any formal, sealed bid all of the following documents and information, attached herewith, completed and signed:

1. Equal Employment Opportunity Affirmative Action Plan Statement of Policy.
2. The Statement of Non-Compliance and Certificate of Non-Segregated Facilities.
3. The Contractor or Vendor Workforce Data Form listing all current employees, by classification, directly employed by the bidder. All categories of information requested must be supplied.
Note: The number of employees must be entered under each category (no check marks)

Below are the Federal definitions of the following racial groups accepted as minorities by the City of Rockford:

Black: A person having origins in any of the Black racial groups of Africa, not of Hispanic origin.

Hispanic: A person of Spanish or Portuguese culture with origins in Mexico, South or Central America, or the Caribbean Islands, regardless of race.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes for example, China, Japan, Korea, the Philippine Republic and Samoa.

American Indian or Alaskan Native: A person having origins in any of the original peoples of North America.

4. Your State of Illinois Pre-Qualification Certification Number, issued by the Illinois Department of Human Rights for the Illinois Department of Human Rights Act, must provide expiration date entered in the place provided therefore.
5. Certificate of Non-Barred Bidding
6. All executed Subcontractor/Leased Operator and Supplier forms.

If you have not obtained your State of Illinois Pre-Qualification Number (item #4), by signing these documents you agree to make application for this number within 30 days from the date of bid opening.

ANY BID WHICH FAILS TO INCLUDE THE CITY OF ROCKFORD EEO PAGES 2, 4, 5, 6, AND 7, COMPLETED AND SIGNED WITH YOUR SEALED BID WILL NOT BE READ AND WILL NOT BE CONSIDERED – NO EXCEPTIONS.

Falsification of any required Equal Employment Opportunity or Affirmative Action information on the part of the bidder could result in rejection of the bid submitted or in the case where a contract has already been awarded, in the cancellation of said contract.

Any questions pertaining to E.E.O. requirements should be addressed to Ron Moore, Diversity Procurement Officer, Legal Department, 425 East State Street, Rockford, Illinois 61104, Phone: (815) 987-5622 or ron.moore@rockfordil.gov

EQUAL EMPLOYMENT OPPORTUNITY
AFFIRMATIVE ACTION PLAN
STATEMENT OF POLICY

It is the policy of this company, _____
to provide equal employment opportunity without regard to race, religion, color, national origin, handicap, age or sex through a program of positive action affecting all employees. In this program, our company carries out the requirements of Federal Executive orders 11246 and 11375, Civil Rights Act of 1964, Equal Employment Act of 1972, and all other applicable laws, and indicates its active support of the principle of equal opportunity in employment.

At present, _____ % of our work force are minorities and _____ % of our work force are females, and we will attempt to utilize minorities and females through a positive, continuing program in all jobs for which we contract in the future. Our company will utilize referrals from the City of Rockford's Diversity Procurement Officer for use of minorities and females regarding any future job vacancies.

It is also our intent to make efforts to purchase supplies or equipment from small business concerns located in the City of Rockford or counties of Winnebago or Boone and owned in substantial part (at least 51 per cent) by minorities or females.

_____ is the official who will be responsible for implementing this policy statement.

_____ will be designated as the Equal Opportunity Officer in our company, responsible for submission of all required equal employment opportunity documents.

In addition, _____ is hereby authorized to sign payroll as well as this company's officers. (NOTE: If only officers will be authorized to sign payrolls, please fill in "No One" in this space.)

STATEMENT OF NONCOMPLIANCE

If the equal employment opportunity hearing committee determines that a contractor, subcontractor/leased operator of equipment or bidder is not in compliance with this chapter, (also known as Chapter 11, Article III the City of Rockford Equal Opportunity Employment Ordinance), the hearing committee shall issue and serve upon such person a written statement of noncompliance setting forth the manner in which it finds such person has violated this chapter, and imposing and/or requiring appropriate sanctions, including, but not limited to any and/or all of the following:

- a. Denying, suspending or revoking qualifications, or declaring the contractor or subcontractor irresponsible and ineligible for future contracts or subcontracts until such time as the contractor or subcontractor shall demonstrate to the equal employment opportunity hearing committee that it is in compliance;
- b. Withholding or delaying payment on the contractor or;
- c. Suspending, avoiding or canceling contract work.

CERTIFICATION OF NON-SEGREGATED FACILITIES

The bidder certifies that he/she does not maintain or provide for his/her employees any segregated facilities at any of his/her establishments, and that he/she does not permit his/her employees to perform their services at any location, under his/her control, where segregated facilities are maintained. The bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this bid.

The bidder agrees that (except where he/she has obtained identical certification from proposed subcontractors/leased operators of equipment for specific time periods) he/she will obtain identical certification from proposed subcontractors/leased operators of equipment from the provisions of the Equal Opportunity clause, and that he/she will retain such certification in his/her files.

CERTIFICATE OF NON-BARRED BIDDING

The undersigned certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of State laws prohibiting bid rigging or bid rotating. The undersigned also certifies that current or prospective employees, contractors, and subcontractors/leased operators of equipment are not listed as Excluded Individuals/Entities with the US Government, as maintained by the US General Services Administration.

By signing below, the firm agrees that all information provided in the previous pages is accurate, and that if the firm below does not currently have a Department of Human Rights number they will apply for one within thirty days with the State of Illinois.

Authorized Signature

Title

Firm

Our firm is a:

Minority Business Enterprise _____

Women Business Enterprise _____

Neither _____

City-Certified? Yes _____ No _____

City Certified? Yes _____ No _____

(Revised 12/21/09)

Subcontractor/Leased Operator of Equipment Detail Form
City of Rockford

Firms submitting bids must supply information on Subcontractors/Leased Operators of Equipment selected for work on the project specified. It is required that Subcontractors/Leased Operators of Equipment listed below will be utilized for actual construction should the firm be awarded a contract. Any deviations from the list below require notice in writing and approval by the Diversity Procurement Officer, Central Services Manager, or their designee. This form may be duplicated if additional space is necessary, **all pages must be signed, and submitted.**

Subcontractor/Leased Operator Information		Type of Work Supplied		MBE/WBE	Dollar Amount	Subcontract
Please provide business name and address, and a contact person.		Describe the work the subcontractor/leased operator will perform for this contract.		Business?		Percent of Bid Total
Name	_____			Y <input type="checkbox"/> N <input type="checkbox"/>	\$ _____	_____ %
Address	_____					
City, State	_____					
Contact	_____					
Name	_____			Y <input type="checkbox"/> N <input type="checkbox"/>	\$ _____	_____ %
Address	_____					
City, State	_____					
Contact	_____					
Name	_____			Y <input type="checkbox"/> N <input type="checkbox"/>	\$ _____	_____ %
Address	_____					
City, State	_____					
Contact	_____					
Name	_____			Y <input type="checkbox"/> N <input type="checkbox"/>	\$ _____	_____ %
Address	_____					
City, State	_____					
Contact	_____					

The bidder intends to Subcontract/Lease Operators of Equipment for _____ % of the total contract with MBE/WBE firms.

Signed _____

Title _____

Date _____

**Supplier Detail Form
City of Rockford**

Firms submitting bids must supply information on suppliers selected for the project specified. It is required that suppliers listed below will be utilized during construction should the firm be awarded a contract. Any deviations from the list below require notice in writing and approval by the Diversity Procurement Officer, Central Services Manager, or their designee. This form may be duplicated if additional space is necessary, **all pages must be signed, and submitted.**

Supplier Information		Type of Product Supplied	MBE/WBE Business?	Dollar Amount of Supply Contract	Supplier Percent of Bid Total
Please provide business name and address, and a contact person.		Describe the product the supplier v provide for this contract.			
Name	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>	\$ _____	_____ %
Address	_____				
City, State	_____				
Contact	_____				
Name	_____				
Address	_____				
City, State	_____				
Contact	_____				
Name	_____				
Address	_____				
City, State	_____				
Contact	_____				
Name	_____				
Address	_____				
City, State	_____				
Contact	_____				
Name	_____				
Address	_____				
City, State	_____				
Contact	_____				

The bidder intends to procure _____ % of the total contract from MBE/WBE firms.

Signed _____

Title _____

Date _____

CITY OF ROCKFORD HUMAN SERVICES
WEATHERIZATION

MECHANICAL MATERIAL BID PACKAGE

2013 PROGRAM YEAR

(Bid signing – June 30, 2013)

Bid Package due: February 20, 2013 at 11:00 AM
425 E. State Street, Rockford, IL 61104
Attn: Central Services Manager

Mechanical Material Bid Package Order

1. General Terms and Conditions (keep for your records)
2. Equal Opportunity Employee Contract
3. Notification of Interest
4. Vendor's Qualifications
5. Bonding Certificates
6. Release of Information
7. Small Businesses (minority)
8. Change Order/Return Policy Process
9. Assurance and Guarantee
10. Invoicing Procedure
11. Invoicing Requirement
12. Appeals Process
13. Ethics Statement
14. Debarment Statement
15. Labor Bid Sheet
16. Certification Regarding Materials
17. Appendix A
18. MSDS

**PART – A: GENERAL TERMS and CONDITIONS
EQUIPMENT/MATERIAL**

INTRODUCTION

I. GENERAL INFORMATION

The City of Rockford is requesting bids from qualified vendors to provide materials to be used for the weatherization of approximately 45 homes. The materials must meet the standards for weatherization materials as set forth in Title 16, Code of Federal Regulations, and other standards as may be described herein.

There is no expressed or implied obligation for the City of Rockford to reimburse responding bidders for any expenses incurred in preparing bids in response to this request.

To be considered, one copy of a bid must be received by the City of Rockford, 425 E. State Street, Attention Central Services Manager, Rockford, IL 61104 by 11:00 AM on February 20, 2013. The City of Rockford reserves the right to reject any and all bids submitted.

During the evaluation process, the City of Rockford reserves the right, where it may serve the City's best interest, to request additional information or clarification from bidders, or to allow corrections of errors or omissions.

It is anticipated the selection of successful bidder(s) will be completed by February 25, 2013. Following the selection of the successful bidder(s), certified letters will be sent to all bidders notifying them of the selection. Bidders will have five (5) working days from the date of receipt of the notification letter to protest the selection. If no written protest is received within the five (5) days, the selection will be considered final and the award made. The award may be made even if a protest is submitted within the time specified, if the City of Rockford believes the protest is without merit.

Any contract arising out of this bid may be canceled by the City of Rockford if the contractor/vendor fails to perform any of the items specified. Should the bidder post a performance bond, it will be forfeited to the City of Rockford in the event of failure to perform any provision of the agreement. The contractor may cancel the agreement with 30 days written notice. Such cancellation will be construed as failure to perform.

II. TERM OF CONTRACT

The term of the contract between the City of Rockford and the successful bidder(s) will be from March 1, 2013 to June 30, 2013 with no extensions.

III. DESCRIPTION OF THE PROGRAM

- A. Program Sponsors. Funds for the Illinois Home Weatherization Assistance Program (IHWAP) are allocated to the state by two federal agencies, the U. S. Department of Energy and U.S. Department of Health and Human Services. The Office of Energy Assistance has the responsibility to administer the weatherization program in the state. These weatherization funds are distributed to local administering agencies to weatherize low-income persons' dwelling units.
- B. Program Objectives. The purpose of the weatherization program is to assist low-income persons, especially the elderly and persons with disabilities, by weatherizing their homes, thereby reducing fuel costs for low-income families, and reducing energy consumption nationwide.
- C. Inspection. Materials purchased can be inspected by the City of Rockford to determine conformity with the quality requirements of the call for bids. When deemed necessary the City of Rockford may require documentation (i.e., product literature prepared by the manufacturer) detailing the product

specifications for purposes of determining whether the material conforms, in all aspects, to the required specifications as set forth herein. In cases where the documentation indicates the material does not meet the specifications, the successful vendor must remedy the deficiency, or the balance of order thereof may be canceled by the City of Rockford.

- D. Estimated Quantities. The quantities of materials to be procured under this bid are estimates and are given for comparison purposes only. These estimated quantities should not be construed as actual quantities to be purchased during the 2013 program year.
- E. Labor Contractor. Vendors are required to supply listed materials to the City of Rockford's awarded Weatherization Labor vendor(s) to be provided at contract award. Materials list will be given to contractor for each work order and will be used to prove materials are for City of Rockford Human Services Weatherization jobs. Contractors will be held accountable for material damaged by its own employees and will replace material at the contractor's own cost. Any items returned from the City of Rockford material list shall be credited to the City of Rockford. The materials vendor will invoice the City of Rockford for all material provided per work orders.

IV. GENERAL PROVISIONS

- A. Entire Agreement. These Standard Terms and Conditions shall apply to any contract or order awarded as a result of this request except where special requirements are stated elsewhere in the request; in such cases, the special requirements apply. Further, the written contract and/or order with the referenced parts and attachments shall constitute the entire agreement and no other terms and conditions in any document, acceptance or acknowledgement shall be effective or binding unless expressly agreed to in writing by the contracting authority.
- B. Assignment. No right or duty in whole or in part of the contractor under this contract may be assigned or delegated without the prior written consent of the City of Rockford.
- C. Applicable Law and Compliance. This contract shall be governed under the laws of the State of Illinois. The contractor shall at all times comply with and observe all federal and state laws, local laws, ordinances and regulations which are in effect during the period of this contract and which in any manner affect the work or its conduct. The City of Rockford or the State of Illinois reserves the right to cancel any contract with a federally debarred contractor or a contractor, which is presently identified on the list of parties excluded from federal procurement and non-procurement contracts.
- D. Warranty. Unless otherwise specifically stated by the City of Rockford, the following warranty applies;
 - 1. Equipment – purchased as a result of this request shall be warranted against defects by the bidder/proposer for a minimum of one year from the date of receipt. The minimum warranty allowable shall be the equipment manufacturer's standard warranty and must be honored by the contractor.
 - 2. Product – requires a warranty of at least one year.
- E. Waiver of Lien. By agreeing to perform weatherization work, the bidder/proposer agrees to the following terms.
 - 1. The bidder/proposer agrees that they will not seek payment, under any circumstances, from the owner or occupant of the premises improved.
 - 2. The bidder/proposer shall not file, suffer, or permit any lien or other encumbrance of record as a claim against any site of a weatherization project in recognition that the only recourse for payment is from the City of Rockford.

3. Signed lien waivers from each individual work location/property are required from any parties providing labor under a weatherization contract. The bidder/proposer agrees to inform any sub-contractor providing material to a weatherization property, prior to engaging such sub-contractors, that lien waivers are required in order for the bidder/proposer to invoice the City of Rockford for weatherization material provided.

F. Public Records Access. Due to the use of State and Federal Grant Funds, it is the intention of the City of Rockford to maintain an open and public process in the solicitation, submission, review, and approval of procurement activities. Bid/proposal openings are public unless otherwise specified. Records may not be available for public inspection prior to the issuance of the notice of intent to award or the award of the contract.

G. Cancellation & Termination. The City of Rockford reserves the right to cancel any contract in whole or in part without penalty due to non-appropriation of funds or for failure of the contractor to comply with terms, conditions, and specifications of this contract.

1. In addition to conditions described in the Invitation for Bid, the City of Rockford reserves the right to terminate the resulting contract/agreement, for reasons of "Breach of Contract", by giving written notice to Contractor of such termination and specifying the effective date thereof, at least ten days before the effective date of such termination. Contractor shall be entitled to receive compensation, in the event of such termination, for any work accepted hereunder in accordance with the City of Rockford's order(s). Contractor shall also be compensated for partially completed work in the event of such termination. The compensation for such partially completed work shall be no more than the amount of completion of each work effort, as determined in the sole discretion of the City of Rockford.

2. Upon cancellation, termination or other expiration of the resulting contract/agreement, each party shall forthwith return to the other all documents, material(s) and other properties of the other held by each for the purposes of execution of the contract/agreement. In addition, each party will assist the other party in the orderly termination of this contract/agreement and the transfer of all aspects hereof, tangible or intangible, as may be necessary for the orderly, non-disruptive business continuation of each party.

H. Payment Terms and Invoicing.

1. The City of Rockford normally will pay for properly completed and submitted vendor invoices within 30 days of receipt providing goods and/or services have been delivered, installed (if required) and accepted as specified.
2. Invoices presented for payment must be submitted in accordance with the instructions contained in the executed contract including reference to the purchase order number and submittal to the correct address for processing.
3. A good faith dispute creates an exception to prompt payment.

V. SPECIFICATIONS OF MATERIALS REQUIRED

A. Specifications. The specifications in this request are of minimum acceptable. When specific manufacturer and model numbers are used, they are to establish a design, type of construction, quality, functional capability, and/or performance level desired. When alternates are bid/proposed, manufacturer, stock number, and such other information necessary to establish equivalency must be identified. Bidders/proposers are cautioned to avoid bidding alternates to the specifications that may result in rejection of their bid/proposal.

B. Product Standards. The materials for which bids are being solicited must meet or exceed whichever standards are most stringent as established by the federal government, the Illinois Home

Weatherization Assistance Program, the local municipality or the City of Rockford. The minimum standards established by the federal government are presented in Appendix A - Standards for Weatherization Materials (included in this bid packet). Specific standards as established by the City of Rockford may be incorporated in the list of materials to be procured (included in this bid packet).

- C. Use of Name Brand. A brand name that may be mentioned in specifications does not indicate a preference and is used only as a reference to the type of materials desired. If such references are made, the specific features of the named brand, which must be met, will also be stated. The City of Rockford reserves the right to determine whether brands other than the named brands are within the intent of the specifications and will reasonably meet service requirements. If necessary, the bidder may be required to submit technical data to determine conformance with the specific features that must be met.
- D. Quality. Unless otherwise indicated in the request, all material shall be of first quality. Items that are used, demonstrators, obsolete, seconds, or which have been discontinued are unacceptable without prior written approval from the City of Rockford.
- E. Recycled Materials. The City of Rockford is required to purchase products incorporating recycled materials whenever technically and economically feasible. Bidders are encouraged to bid products with recycled content that meet specifications.
- F. Material Safety Data Sheets. If any item(s) on an order(s) resulting from this award is a hazardous chemical, as defined under 29CFR 1910.1200, provide one copy of a Material Safety Data Sheet for each item with the shipped container(s) and one copy with the invoice(s).

VI. SEALED BID REQUIREMENTS

A. General Requirements.

- 1. Notification of Interest. Contractors interested in submitting a bid must submit the Notification of Interest with bid package. Failure to do so will disqualify contractors from submitting a bid.
- 2. Time Requirements. The following is a list of key dates up to and including the date of commencement of the contract period:

Bid Opening	<u>February 20, 2013</u>
Award Recommendation to Finance Committee	<u>February 25, 2013</u>
Notification of Contract Award	<u>February 26, 2013</u>
Contract period commences	<u>March 1, 2013</u>

B. Bid Requirements.

- 1. Mandatory Elements. The following elements are required to be submitted for a bid to be considered a valid bid. Failure to properly complete all forms included in this bid packet will result in rejection of the bid.
 - a. Insurance Requirements - At the time of submission of the bid, the City of Rockford must be provided the name, address, and phone number of the insurance company through which the minimum insurance coverage has been obtained. The contractor shall maintain, during the entire period of performance under this contract, the following minimum insurance.

<u>Type</u>	<u>Minimum Liability Amounts</u>
Comprehensive General Liability	\$500,000 per person \$1,000,000 per accident

	\$500,000 property damage
Workers' Compensation	Illinois Statutory Requirements
Comprehensive Automobile Liability	\$250,000 per person* \$500,000 per accident* \$250,000 property damage*

*Must conform to current Illinois Secretary of State Requirements.

- b. Statement of Vendor's Qualifications - The ability to perform under the terms of the procurement is essential. This statement provides the City of Rockford with background information on the bidder's previous experience providing materials for similar projects and identifies financial references.
 - c. Release of Information - This authorization must be completed to enable the City of Rockford to verify information contained in the Statement of Vendor's Qualifications and other information relevant to the supplier's ability to perform.
 - d. Submission of Bid - The bid must be submitted by the deadline established in Section VII.A to be considered a valid bid.
- C. Questions. All questions shall be submitted to Anne Wilkerson, Financial Analyst at (815) 987-5741 or anne.wilkerson@rockfordil.gov by February 12, 2013.

VII. EVALUATION PROCEDURES

- A. Review of Bids. The City of Rockford will use a point formula during the review process to score bids. The bids will be evaluated and points awarded for general, technical and price considerations. Points assigned for the general, technical, considerations will be added to the price components on an item-by-item basis. The maximum score for price will be assigned to the bidder offering the lowest total all-inclusive maximum price, determined on an item-by-item basis. Appropriate fractional scores will be assigned to other bids.
- B. Evaluation Criteria. The City of Rockford will enter each bidder's price in the "Procurement Evaluation Tool – Bid Evaluation Sheet" by item to be procured. The bidder with the lowest price, per item, will be awarded points by line item. The bidder(s) who do not bid the lowest price will not be awarded any points for that line item. Certain items will be weighted. Weighted items are awarded 10 points and all other items are awarded 5 points. When bidders have bid the same amount for a line item, those bidders will share the points equally for that line item.
Bidders meeting the mandatory criteria will have their bids evaluated and scored on the sole basis of price. The Sealed Bid contract award is made to the lowest-priced (highest aggregate score), responsible vendor/contractor.
 - 1. Mandatory Elements. The forms listed in Section VII.B.1 and presented in the bid packet must be properly completed and submitted for a bid to be considered valid. Failure to submit these forms will result in rejection of the bid in its entirety. In addition, any product bid that does not meet or exceed specifications will be rejected.
- C. Final Selection. The City of Rockford will select equipment/material supplier(s) whose bid is most advantageous to the program, unless the City of Rockford determines it is in the best interest of the program to award the contract to other than the low bidder. It is anticipated that supplier(s) will be selected and notifications made in accordance with the timetable established in Section VII.A.3.

- D. Bid Acceptance/Rejection. The City of Rockford reserves the right, without prejudice, to accept or reject any or all bids/proposals, to waive any technicality in any bid/proposal submitted and to accept any part of a bid/proposal as deemed to be in the best interest of the City of Rockford and State of Illinois. Such rejection must be based on sound, documented reason.

Bids/proposals must be date and time stamped by the soliciting purchasing office on or before the date and time that the bid/proposal is due. Bids/proposals date and time stamped in another office will be rejected. Receipt of a bid/proposal by the mail system does not constitute receipt of a bid/proposal by the purchasing office.

- E. Appeals/Protest. Any unsuccessful bidder has the right to Appeal/Protest a contract award. Unsuccessful bidders will be given five working days after receipt of the notification letter from the City of Rockford to protest the contract award decision in writing. The City of Rockford may continue the terms and conditions of the contract award with the selected bidder(s) pending the outcome of the dispute.

**CITY OF ROCKFORD HUMAN SERVICES
2013 NOTIFICATION OF INTEREST**

I, _____, am interested in participating in the 2013 Illinois Home Weatherization Program (IHWAP) in Winnebago and Boone counties.

I understand that as a Vendor, we must be abide by all program requirements as stipulated by City of Rockford Human Services and the Office of Energy Assistance. I understand that failure to do so will result in termination of any jobs whether in progress or not started.

BY: _____
Authorized Signature

Title

Company

Company Address

Date

MUST BE SUBMITTED WITH BID PACKAGE

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

STATEMENT OF VENDOR'S QUALIFICATIONS

All applicable questions must be answered and the data given must be clear and comprehensive. If necessary, questions may be answered on separate, attached sheets. The Vendor may submit any additional information desired. All Vendors must complete parts 1-12 and 18-21 or the application will not be accepted.

1. Company Name: _____

2. Address: _____
_____ Phone () _____

3. Principal Employees of Firm: _____

4. When organized? _____

5. If a corporation, where incorporated? _____

6. How many years has your company been engaged in the contracting business under the present firm or trade name? _____

7. Contracts on hand: (Schedule these, showing amount of each contract and the appropriate anticipated dates of completion.) If no contracts are on hand, please indicate below.

8. Type of work generally performed by the company: _____

9. Has your company ever failed to complete any work awarded? _____
If so, where and why? _____

10. List the more important projects recently completed by your company, stating the approximate cost for each, and the month and year completed:

11. List your major equipment available for this contract:

12. List experience in construction work or HVAC work similar in importance to this project:

PLEASE NOTE: Questions 13-15 are required for mechanical contractors only:

13. Is your firm able to provide work on heating systems whose fuel source is (check all that apply): (a)___natural gas (b)___propane (c)___oil (d)___coal (e)___wood

14. Is your firm able to provide work on the following types (check all that apply):

___ Forced Air ___ Forced Water ___ Steam Boiler ___ Gravity Furnace
___ Conversion ___ Wall Furnace ___ Space Heater ___ Gravity Water (Boiler)
___ Central Air Conditioning ___ Water Heater

15. Please indicate any HVAC licenses you or your employees hold and the city, village, or county where the license is current: _____

PLEASE NOTE: Vendors that have successfully completed contracts for the Illinois Home Weatherization Assistance Program for the 2011-2012 program years need not complete number 16 and 17 below:

16. Financial Reference: (Must list two) Reference name, address, and phone number:

17. Work Reference: (Must list two) Reference name, address, and phone number:

PLEASE NOTE: All Vendors must complete Parts 18 and 19.

18. Will your company, upon request, fill out a detailed financial statement and furnish any other information that may be required? _____

19. The undersigned hereby authorized and requests any person, firm, or corporation to furnish any information requested in verification of the recitals comprising this Statement of Contractor's Qualifications.

By: _____ Date: _____

20. Social Security # _____

21. FEIN # _____

CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program

BONDING, CERTIFICATE OF DEPOSIT, IRREVOCABLE LETTER OF CREDIT
or CASHIERS CHECK

Acceptable forms of Bonding: If the LAA is going to protect the Weatherization workflow and overall process, then some type of assurance is needed. This can be done by withholding a portion of the overall payment, until everything is deemed to be correct, or through bonding. If bonding is required or desired by the LAA, some acceptable forms of protection are:

- Insurance bond
- Certificate of Deposit
- Irrevocable Letter of Credit
- Cashier's Check

The contractor has read and understands the above statement.

Name of Company (please print)

Signature

Date

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

RELEASE OF INFORMATION

To: _____

Address: _____

Phone: _____

I hereby authorize release of information regarding my financial and technical resources to the City of Rockford Human Services for the purpose of determining my eligibility as a supplier for the 2013 Illinois Home Weatherization Program Grant. A photo-static copy of this document shall suffice as proper authorization for the release of the above information.

Name (please print) _____

Signature _____

Date _____

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

INSURANCE REQUIREMENTS

The Contractor shall maintain during the entire period of his/her performance under this contract the following minimum insurance:

Comprehensive General Liability	\$1,000,000 per person \$2,000,000 aggregate \$1,000,000 per accident \$2,000,000 aggregate \$2,000,000 property damage
Workman's Compensation	Illinois Statutory Requirements
Comprehensive Auto Liability	\$1,000,000 per person* \$2,000,000 aggregate \$1,000,000 per accident* \$2,000,000 aggregate \$1,000,000 property damage \$2,000,000 aggregate
Umbrella Liability	\$2,000,000 per incident \$2,000,000 aggregate
Pollutions Occurrence Insurance (not mandatory)	\$500,000 per occurrence \$500,000 aggregate

The contractor shall furnish City of Rockford Human Services with a certificate or statement of the above required **prior** to the signing of the contract agreement. The certificate of insurance shall contain a statement to the effect that City of Rockford Human Services will receive a written notification at least (7) days in advance of cancellation or any material change in the policy. A copy of the above insurance must be available to City of Rockford Human Services before any contracts of work will be given.

I understand that if any type of mandated insurance lapses, all weatherization work will cease until coverage is renewed and CRHS has been provided with the current insurance documentation. Only after proper documentation has been provided will I be reinstated.

Name of Insurance Provider _____

Address _____

Phone _____ Agent's Name _____

*Must conform to current Illinois Secretary of State requirements.

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

SMALL, FEMALE OR MINORITY OWNED BUSINESSES

Small businesses, minority owned businesses and women's business enterprises will be given preference whenever possible. Information will be made available to these firms to encourage their participation in the CRHS's weatherization contracts. When contracting for goods and services, preference will be given to contractors who sub-contract with small businesses, minority-owned businesses and women's enterprises.

The contractor has read and understands the above statement.

Name of Company (please print)

Signature

Date

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

CHANGE ORDER/RETURN POLICY PROCESS

The supplier is required to contact the Weatherization Assessor assigned to the individual job during the time of the ordering if he/she has any concerns about the work order. The supplier and assessor are to review the work order to clarify any potential modification to the existing work order before fulfilling the order.

If any contractor must return materials, the credit must be documented per job number. This form is to be turned into CRHS.

The Supplier has read and understands the Change Order/Return Policy Process stated above.

Name of Company (please print)

Signature

Date

CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program

SUPPLIER ASSURANCE AND GUARANTEE OF MATERIALS

The supplier must complete an Assurance and Guarantee of Materials form that covers their parts per manufacturer's warranty. This must be signed by the supplier, the **original given to the contractor** and a copy that is to be turned in to CRHS with the invoice.

The supplier has read and understands the Assurance and Guarantee stated above.

Name of Company (please print)

Signature

Date

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

**MECHANICAL MATERIAL
INVOICING PROCEDURE**

1. The mechanical material invoice must include the following:
 - a. Client's name and address
 - b. Complete job number
 - c. CPO # assigned to contractor
 - d. Billed to: City of Rockford Weatherization
425 E. State St.
Rockford, IL 61104
 - e. Supplier invoice number
2. The invoice will not be processed for payment until all accompanying documentation is present. – i.e. Assurance and Guarantee of Materials

The supplier has read and understands the Invoicing Procedure stated above.

Name of Company (please print)

Signature

Date

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

MATERIAL INVOICING REQUIREMENTS

Final Invoices reflecting approved material are required for processing payments to supplier. All final invoices submitted for Weatherization work shall include, when applicable, appropriate detail that includes itemized descriptions of all material costs. Additional detail or further clarification of invoices may also be required. Failure to provide sufficient detail as well as other errors or omissions on invoices could result in delays in payment processing.

The supplier has read and understands the Invoicing Requirements stated above.

Name of Company (please print)

Signature

Date

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

BID PACKET APPEALS PROCESS

There are three (3) levels of appeal: the informal conference, the state review, and the formal hearing.

1. The informal conference is conducted by the agency
 - a. The informal conference must:
 1. Be held in a place reasonably convenient to the bidder,
 2. Be conducted, if possible, by an agency staff member who was not involved in the original decision (the IHWAP Coordinator may also attend).
 3. Be held within 15 calendar days of the request.
 4. Afford the bidder an opportunity to bring an interpreter and/or representative.
 5. Afford the bidder an opportunity to present oral and/or written testimony on his/her behalf.

The agency will give the bidder a written statement at the end of the conference describing the results of the conference and citing policy reasons for the decision. A copy of this report must be filed in the procurement bid opening file.

2. State Review
 - a. At the time of the informal conference, the bidder must be given a "Request for State Review" form that is to be completed by the applicant and sent to the Department within 15 days of the date of the informal conference. The agency staff person conducting the informal must be present and explain this to the bidder
3. The agency will provide a copy of "Section V, Appeal/Protest" from the 2011 procedure manual.

The appeal officer is **Anne Wilkerson**, Financial Analyst, at **(815)-987-5565**

I attest that I have received a copy of the appeals process. I also attest that I read and understood this procedure.

Signature

Date

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

Ethics Bid Packet Statement

CRHS weatherization funds will not be utilized to purchase goods and/or services for employees and/or their families even if reimbursement is to be received for such goods and/or services. Employees and/or their families may purchase goods and or services directly from **CRHS** weatherization vendors/contractors if the vendor/contractor allows this practice.

Goods and services purchased with **CRHS** weatherization funds are to be used solely for the benefit of the agency and its programs. The use of agency goods and services for personal use by **CRHS** employees or board members is not allowed under any circumstances.

All purchased items are to be received by authorized employees, who indicate which items were received, attach a copy of the purchase order to the invoice, and forward it to the program director for approval of payment. Payment is then made as described in the "Cash Disbursement Section".

CRHS has a set of written procedures on file that includes a code of standard of conduct for agency employees. This set of written procedures can be reviewed upon request.

The contractor has read and understands the above Ethics Statement.

Name of Company (please print)

Signature

Date

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND
OTHER RESPONSIBILITY MATTERS**

I/We (please print) _____ certify, to the best of my knowledge and belief, that I am not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any state or federal department or agency.;

Have not, within a three-year period preceding this, been convicted of or had a civil judgment rendered against me for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or contract under a public transaction, violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, receiving property;

Are not presently indicated for or otherwise criminally or civilly charged by a governmental entity (federal, state, or local) with commission of any offenses;

Have not, within a three-year period preceding this application/proposal, had one or more public transactions (federal, state, local) terminated for cause or default.

Name of Company (Please print)

Signature

Date

MECHANICAL
WEATHERIZATION

MATERIAL

BID

2013

Please fill out every item

Weatherization Material Specifications and Bid Worksheet – MECH Per State Regulations
One year Material/Part Warranty All materials used in provision of services must meet or exceed 10 CFR 440 Appendix A “Standards for Weatherization Services”. Ancillary items, such as nails and screws, are exempt from the 10 CFR 440.

<p><u>Product:</u> Forced Air Furnace Natural Gas/Propane 80% Efficient</p> <p><u>Specifications:</u> Must have an AFUE rating of a minimum 80% efficient. Heating system must have a minimum 10 year warranty on parts and a minimum 20 year warranty on the heat exchanger. Furnace must be a multi-position heating system.</p> <p>NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.</p> <p>(2% USAGE DATA)</p>	<p><u>45,000 BTU:</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ BTU Rating: _____ Rated AFUE: _____ Price: _____</p> <p><u>70,000 BTU:</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ BTU Rating: _____ Rated AFUE: _____ Price: _____</p> <p><u>90,000 BTU:</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ BTU Rating: _____ Rated AFUE: _____ Price: _____</p> <p><u>110,000 BTU:</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ BTU Rating: _____ Rated AFUE: _____ Price: _____</p> <p><u>135,000 BTU:</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ BTU Rating: _____ Rated AFUE: _____ Price: _____</p>
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Product: Forced Air Furnace Natural Gas/Propane 95% plus Efficient (Single Stage)

Specifications: Must have an AFUE rating of a minimum 95% plus efficient. Heating system must have a minimum 5 year warranty on parts, 10 year for on line registered on parts, a minimum lifetime warranty on the primary heat exchanger and a 10 year warranty on the secondary heat exchanger. Furnace must be a Single Stage system. Furnace must be a multi-position heating system.

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(65% USAGE DATA)

Weighted Item

40,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

60,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

80,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

100,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

120,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

Product: Forced Air Furnace Natural Gas/Propane 80% Efficient (Mobile Home)

Specifications: Must have an AFUE rating of a minimum 80% efficient. Heating system must have a minimum 10 year warranty on parts and a minimum 20 year warranty on the heat exchanger. Furnace must be designed and listed for use in Mobile Homes. Furnace must be a downflow heating system.

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(2% USAGE DATA)

56,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

70,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

90,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

Product: Forced Air Furnace Natural Gas/Propane 95% Efficient (Mobile Home Short)

Specifications: Must have an AFUE rating of a minimum 95% efficient. Heating system must have a minimum 10 year warranty on parts and a minimum 20 year warranty on the heat exchanger. Furnace must be designed and listed for use in Mobile Homes. Furnace must be a downflow heating system. Without AC

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(20% USAGE DATA)

Weighted Item

60,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

80,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

Product: Forced Air Furnace Natural Gas/Propane 95% plus Efficient (Mobile Home Tall)

Specifications: Must have an AFUE rating of a minimum 95% plus efficient. Heating system must have a minimum 10 year warranty on parts, a minimum lifetime warranty on the primary heat exchanger and a 10 year warranty on the secondary heat exchanger. Furnace must be designed and listed for use in Mobile Homes. Furnace must be a downflow heating system. With AC Cabinet

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(20% ENTER USAGE DATA HERE)

Weighted Item

60,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

80,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

Product: Hot Water Boiler Natural Gas/Propane 80% Efficient

Specifications: Must have an AFUE rating of a minimum 80% efficient. Must CSA Certified. Must include circulation pump, temperature/pressure relief valve, high limit and pump controller.

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(3% USAGE DATA)

37,500 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

62,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

96,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

130,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

164,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

198,000 BTU:

Vendor Product #: _____
Product Brand Name: _____
BTU Rating: _____
Rated AFUE: _____
Price: _____

Product: Heat Pump (Air Source)

Specifications: Must be Energy Star rated with a minimum 14 SEER and minimum HSPF of 8.0. Heat pump must be priced with matching air handler (emergency heat strips), indoor coil and 25' line set. Must include a programmable thermostat that is compatible with the system.

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(0% USAGE DATA)

1.5 ton:

Vendor Product #: _____
Product Brand Name: _____
COP: _____
HSPF: _____
SEER: _____
Price: _____

2 ton:

Vendor Product #: _____
Product Brand Name: _____
COP: _____
HSPF: _____
SEER: _____
Price: _____

2.5 ton:

Vendor Product #: _____
Product Brand Name: _____
COP: _____
HSPF: _____
SEER: _____
Price: _____

3 ton:

Vendor Product #: _____
Product Brand Name: _____
COP: _____
HSPF: _____
SEER: _____
Price: _____

3.5 ton:

Vendor Product #: _____
Product Brand Name: _____
COP: _____
HSPF: _____
SEER: _____
Price: _____

Product: Central Air Conditioner

Specifications: Must be Energy Star rated with a minimum 14 SEER and a SHR of 0.75 or less. Central Air Conditioner must be priced with matching evaporator coil and 25' line set. Central Air Conditioner must have a minimum 10 year warranty on the compressor, outdoor coil and internally functioning parts. Includes pad and all material for a complete installation.

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(1%USAGE DATA)

1.5 ton:

Vendor Product #: _____

Product Brand Name: _____

SEER: _____

Price: _____

2 ton:

Vendor Product #: _____

Product Brand Name: _____

SEER: _____

Price: _____

2.5 ton:

Vendor Product #: _____

Product Brand Name: _____

SEER: _____

Price: _____

3 ton:

Vendor Product #: _____

Product Brand Name: _____

SEER: _____

Price: _____

Product: Window Air Conditioner

Specifications: Must be Energy Star rated with a minimum 9.4 EER. Window Air Conditioner must have a minimum 1 year warranty on parts and labor.

NOTE: If the bidder's product size is different from the size stated, the bidder's product size must be entered on this worksheet.

(25% USAGE DATA HERE)

Weighted Item

5,000 BTU:

Vendor Product #: _____

Product Brand Name: _____

EER: _____

Price: _____

8,000 BTU:

Vendor Product #: _____

Product Brand Name: _____

EER: _____

Price: _____

10,000 BTU:

Vendor Product #: _____

Product Brand Name: _____

EER: _____

Price: _____

12,000 BTU:

Vendor Product #: _____

Product Brand Name: _____

EER: _____

Price: _____

<p><u>Product:</u> Furnace Filters</p> <p><u>Specifications:</u> Must be disposable fiberglass. Must be UL Listed and priced as each.</p> <p>(95% USAGE DATA)</p> <p>*Weighted Item*</p>	<p><u>16" X 20" X 1":</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>20" X 20" X 1":</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>14" X 25" X 1":</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>16" X 25" X 1":</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>20" X 25" X 1":</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p>Media Filter Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Thermostat (Digital)</p> <p><u>Specifications:</u> Thermostat must be non-programmable, with digital display. White.</p> <p>(30% USAGE DATA)</p>	<p><u>Heating/Cooling</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Thermostat (Programmable)</p> <p><u>Specifications:</u> Thermostat must be 5 plus 2 day programmable, with digital display. White.</p> <p>(65% USAGE DATA)</p> <p>*Weighted Item*</p>	<p><u>Heating/Cooling</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>

<p><u>Product:</u> Thermostat (Programmable) Visually Impaired</p> <p><u>Specifications:</u> Thermostat must be 5 plus 2 day programmable, with visually impaired digital display. White.</p> <p>(2% USAGE DATA)</p>	<p><u>Heating/Cooling</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Thermostat (Regular) Visually Impaired</p> <p><u>Specifications:</u> Thermostat must be non-programmable, with visually impaired digital display. White.</p> <p>(2% USAGE DATA)</p>	<p><u>Heating/Cooling</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> New Electrical Shut off Switch</p> <p><u>Specifications:</u> Include Electrical Junction box, Switch and cover plate with fasteners for existing furnace. Must be priced as a kit</p> <p>(12% USAGE DATA)</p>	<p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Round Rigid Duct</p> <p><u>Specifications:</u> Must be 26 gauge, sold in 5' lengths, Cleats and Duct ties</p> <p>(15% USAGE DATA)</p>	<p><u>4"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>6"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>8"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>

<p><u>Product:</u> Round Rigid Duct Elbow</p> <p><u>Specifications:</u> Must be 90° adjustable 26 Gauge. Included fasteners</p> <p>(15% USAGE DATA)</p>	<p><u>4"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>6"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>8"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Round Rigid Crimp Collars</p> <p><u>Specifications:</u> Must be 26 Gauge. Included fasteners</p> <p>(15% USAGE DATA)</p>	<p><u>6"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>8"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Round Rigid Duct End Caps</p> <p><u>Specifications:</u> Must be 26 Gauge. Included fasteners</p> <p>(10% USAGE DATA)</p>	<p><u>6"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>8"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Round Rigid Duct Boots</p> <p><u>Specifications:</u> Must be 26 Gauge. 4" X 10" register 90°. Included fasteners</p> <p>(10 % USAGE DATA)</p>	<p><u>6"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>8"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>

<p>Product: Plenum Sheet Metal</p> <p>Specifications: Must be 26 gauge galvanized. 20" x 20" x 24' Included fasteners</p> <p>(25 % USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Sheet Metal Panning</p> <p>Specifications: Must be 26 gauge galvanized. 2' X 5' Length. Included fasteners</p> <p>(15% USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Trunk liner</p> <p>Specifications: Must be 26 gauge galvanized. 16" x 8" x 5' Included fasteners</p> <p>(15% USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Trunk Liner End Caps</p> <p>Specifications: Must be 26 Gauge. 16"x 8" Included fasteners</p> <p>(10% USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>

<p>Product: Return Drop Kit</p> <p>Specifications: Must be 26 gauge galvanized. Include return drop and filter rack boot slotted for filter with filter cap Included fasteners</p> <p>(15% USAGE DATA)</p>	<p>16" X 20" X 1"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p>20" X 20" X 1":</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p>14" X 25" X 1"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p>16" X 25" X 1":</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p>20" X 25" X 1":</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Filter Cap</p> <p>Specifications: 26 gauge galvanized Magnetic Filter cap</p> <p>(25% USAGE DATA)</p>	<p>Sheet metal</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p>Magnetic cap</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>

<p>Product: Rigid Trunk Liner Off Set</p> <p>Specifications: Must be 26 Gauge. Off set for Supply and Return Duct Included fasteners</p> <p>(10% USAGE DATA)</p>	<p>16"x8"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p>20"x20"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Round Rigid Take Off</p> <p>Specifications: Must be 26 Gauge. Included fasteners</p> <p>(10 % USAGE DATA)</p>	<p>6"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p>8"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Insulated Flex Duct</p> <p>Specifications: Must be insulated to a minimum R-8. Must be priced by Lin Ft</p> <p>(5% USAGE DATA)</p>	<p>4"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per Lin Ft: _____</p> <p>6"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per Lin Ft: _____</p> <p>8"</p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per Lin Ft: _____</p>

Product: Duct Insulation

Specifications: Must be insulated to a minimum R-8. Must be priced by Lin Ft

(5% USAGE DATA)

4"

Vendor Product #: _____

Product Brand Name: _____

Price per Lin Ft : _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price per Lin Ft: _____

8"

Vendor Product #: _____

Product Brand Name: _____

Price per Lin Ft: _____

Product: Single Wall Vent Cap

Specifications: Must be galvanized steel pipe, less than or equal to 26 Gauge. Include fasteners (Masonry Chimney)

(20% USAGE DATA)

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: Single Wall Vent

Specifications: Must be galvanized steel pipe, less than or equal to 26 Gauge. Must be priced in 2' length. Include fasteners

(20% USAGE DATA)

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: Single Wall Vent, 90° Elbow

Specifications: Must be galvanized steel pipe, less than or equal to 26 Gauge. Must be priced as each. Include fasteners

(5% USAGE DATA)

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: Single Wall Vent, WYE

Specifications: Must be galvanized steel pipe, less than or equal to 26 Gauge. Must be priced as each. Include fasteners

(5% USAGE DATA)

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: Type-B Vent

Specifications: Must be galvanized steel outer pipe with aluminum inner pipe, less than or equal to 0.027" thick. Must be priced in 4' length. Include fasteners

(5% USAGE DATA)

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: Type-B Vent 90° Elbow

Specifications: Must be galvanized steel outer pipe with aluminum inner pipe, less than or equal to 0.027" thick. Must be adjustable. Must be priced as each. Include fasteners

(5% USAGE DATA)

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: Type-B Vent, Standard Tee

Specifications: Must be galvanized steel outer pipe with aluminum inner pipe, less than or equal to 0.027" thick. Must be priced as each. Include fasteners

(2% USAGE DATA)

4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

<p><u>Product:</u> Type-B Vent, Vent Cap</p> <p><u>Specifications:</u> Must be galvanized steel outer pipe with aluminum inner pipe, less than or equal to 0.027" thick. Must be priced as each. Include fasteners</p> <p>(5% USAGE DATA)</p>	<p><u>4"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>5"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>6"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Return Air Filter Grille</p> <p><u>Specifications:</u> Must accept 1" filter. Must be White Include fasteners</p> <p>(5% USAGE DATA)</p>	<p><u>16" X 16"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>16" X 20"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>20" X 20"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Sidewall/Ceiling Registers</p> <p><u>Specifications:</u> Must be steel construction with adjustable shutter. White. Include fasteners</p> <p>(5% USAGE DATA)</p>	<p><u>4" X 10"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>6" X 10"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>4" X 12"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>6" X 12"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>

<p><u>Product:</u> Transfer Grille</p> <p><u>Specifications:</u> Must be white. Include fasteners</p> <p>(5% USAGE DATA)</p>	<p><u>6" X 10"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>6" X 14"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>16" X 16"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>14" X 20"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>20" X 20"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Floor Registers</p> <p><u>Specifications:</u> Must be steel construction with adjustable shutter. White. Include fasteners</p> <p>(5% USAGE DATA)</p>	<p><u>4" X 10"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Roof Termination kit for 95% Furnace</p> <p>Note: Single dwelling and Mobile Homes</p> <p><u>Specifications:</u> Must be PVC pipe, Fitting, Flashing And Roof Jack. Must be priced as a vent kit. Include fasteners</p> <p>(25% USAGE DATA)</p>	<p>Vendor Product #: _____ Product Brand Name: _____ Price Kit: _____</p>

<p><u>Product:</u> Black Pipe</p> <p><u>Specifications:</u> Must be black iron pipe with threaded ends. Must be priced in 10' lengths.</p> <p>(15% USAGE DATA)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____ Price Per Lin Ft _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____ Price Per Lin Ft _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____ Price Per Lin Ft _____</p>
<p><u>Product:</u> Black Pipe - Coupling</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(15% USAGE DATA)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Black Pipe - 90° Elbow</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(15% USAGE DATA)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>

<p><u>Product:</u> Black Pipe - 45° Elbow</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(15% USAGE DATA)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Black Pipe - Cap</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(15% USAGE DATA)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Black Pipe – Square Head Plug</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(5% USAGE DATA)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>

<p><u>Product:</u> Black Pipe – Reducer Coupling</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(5% USAGE DATA)</p>	<p><u>3/4" X 1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1" X 3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Black Pipe – Tee</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(5% USAGE DATA)</p>	<p><u>1/2" X 1/2" X 1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4" X 3/4" X 3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Black Pipe – 2" Nipple</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(5% USAGE DATA)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Black Pipe – 4" Nipple</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(5% USAGE DATA HERE)</p>	<p><u>1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>

<p><u>Product:</u> Black Pipe – 6” Nipple</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(5% USAGE DATA)</p>	<p><u>1/2”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Gas Shut Off Valve</p> <p><u>Specifications:</u> Must be NPT, priced as each.</p> <p>(25% USAGE DATA)</p>	<p><u>1/2”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>1”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>
<p><u>Product:</u> Gas Appliance Connector – 48”</p> <p><u>Specifications:</u> Must be PVC coated stainless steel, priced as each.</p> <p>(25% USAGE DATA)</p>	<p><u>1/2”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p> <p><u>3/4”</u> Vendor Product #: _____ Product Brand Name: _____ Price Each: _____</p>

<p><u>Product:</u> Evaporator Coil Cleaning Solution</p> <p><u>Specifications:</u> Must be an EPA registered disinfectant. Must be priced per gallon.</p> <p>(25% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per gallon: _____</p>
<p><u>Product:</u> HVAC Refrigerant – R22</p> <p><u>Specifications:</u> Must be rated for use with stationary air conditioning equipment. Must be priced per pound.</p> <p>(25% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per lb: _____</p>
<p><u>Product:</u> HVAC Refrigerant – R410-A</p> <p><u>Specifications:</u> Must be rated for use with stationary air conditioning equipment. Must be priced per pound.</p> <p>(25% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per lb: _____</p>
<p><u>Product:</u> Electrical Wire</p> <p><u>Specifications:</u> Must be 12-2 NM-B with a ground. Must be UL Listed with copper conductors and a PVC jacket.</p> <p>(10% USAGE DATA)</p>	<p><u>25' Roll</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per roll: _____</p> <p><u>250' Roll</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per roll: _____</p> <p>Price per Lin Ft: _____</p>

<p><u>Product:</u> Thermostat Wire</p> <p><u>Specifications:</u> Must be 18-2 type CL-2. Must be UL Listed with copper conductors.</p> <p>(5% USAGE DATA)</p>	<p><u>250' Roll</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per roll: _____</p> <p>Price per Lin Ft: _____</p>
<p><u>Product:</u> Thermostat Wire</p> <p><u>Specifications:</u> Must be 18-4 type CL-2. Must be UL Listed with copper conductors.</p> <p>(5% USAGE DATA)</p>	<p><u>250' Roll</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per roll: _____</p> <p>Price per Lin Ft _____</p>
<p><u>Product:</u> Thermostat Wire</p> <p><u>Specifications:</u> Must be 18-5 type CL-2. Must be UL Listed with copper conductors.</p> <p>(1% USAGE DATA)</p>	<p><u>250' Roll</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per roll: _____</p> <p>Price per Lin Ft _____</p>
<p><u>Product:</u> Furnace Condensate Pump</p> <p><u>Specifications:</u> Must be 1/2" gallon tank. Must be 1/50 HP with safety switch, 6 ft power cord and a thermal overload protector.</p> <p>(90%USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>

<p><u>Product:</u> PVC Adapter Mobile home (Connect to existing PVC plumbing for Condensate Drain Line) 1 ½" or 2" Fernco Tee and fitting for drain</p> <p><u>Specifications:</u> Must include hose clamp connect to flexible tubing for condensate pump includes all fasteners and sealant</p> <p>(50% USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per Kit : _____</p>
<p><u>Product:</u> Flexible Tubing (For Condensate Drain)</p> <p><u>Specifications:</u> Must be 3/8" inside diameter. Must be clear. Must meet FDA Approved CFR Title 21 Parts 170 to 199. Must be priced per lineal foot. Include fasteners</p> <p>(50% USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per foot: _____</p>

Product: PVC Schedule 40

Specifications: Must be PVC Schedule 40,
NSF Rated. Must be priced per 10 foot piece.

(10% USAGE DATA)

3/4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Price per Lin Ft: _____

1"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Price per Lin Ft: _____

2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Price per Lin Ft: _____

2 1/2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Price per Lin Ft: _____

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Price per Lin Ft: _____

Product: PVC Schedule 40 - Coupling

Specifications: Must be PVC Schedule 40, NSF Rated. Must be priced per piece.

(10% USAGE DATA)

3/4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

1"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

2 1/2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: PVC Schedule 40 - 90° Elbow

Specifications: Must be PVC Schedule 40, NSF Rated. Must be priced per piece.

(10% USAGE DATA)

3/4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

1"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

2 1/2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: PVC Schedule 40 - 45° Elbow

Specifications: Must be PVC Schedule 40, NSF Rated. Must be priced per piece.

(1% USAGE DATA)

3/4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

1"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

2 1/2"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

3"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: PVC Schedule 40 - Tee

Specifications: Must be PVC Schedule 40, NSF Rated. Must be priced per piece.

(10% USAGE DATA)

3/4" X 3/4" X 3/4"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

1" X 1" X 1"

Vendor Product #: _____

Product Brand Name: _____

Price: _____

<p><u>Product:</u> PVC Schedule 40 – Slip Cap</p> <p><u>Specifications:</u> Must be PVC Schedule 40, NSF Rated. Must be priced per piece.</p> <p>(10%USAGE DATA)</p>	<p><u>3/4"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>1"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>2"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>2 1/2"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>3"</u> Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> PVC Primer</p> <p><u>Specifications:</u> Must be rated for use on PVC Schedule 40. Must be priced per 8 ounce container with applicator.</p> <p>(60% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> PVC Cement</p> <p><u>Specifications:</u> Must be rated for use on PVC Schedule 40. Must be priced per 8 ounce container with applicator.</p> <p>(60% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>

<p><u>Product:</u> Duct Mastic</p> <p><u>Specifications:</u> Must be fire resistant, mold and mildew resistant. Must be fortified with fiberglass, low-high velocity. Must be priced in 1 gallon container.</p> <p>(2% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per gallon: _____</p>
<p><u>Product:</u> Aluminum Foil Tape</p> <p><u>Specifications:</u> Must be UL181A or UL181B rated. Must be priced in 2" X 50yd roll.</p> <p>(20% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per roll: _____</p> <p>Price per Lin Ft _____</p>
<p><u>Product:</u> Aluminum, Butyl Tape</p> <p><u>Specifications:</u> Must be aluminum backed with butyl rubber adhesion. Must be priced in 2" X 50' roll.</p> <p>(20% USAGE DATA)</p> <p>MSDS SHEETS REQUIRED</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per roll: _____</p> <p>Price per Lin Ft _____</p>
<p><u>Product:</u> Dryer Vent – Termination Hood</p> <p><u>Specifications:</u> Must be aluminum with back draft damper. Must be priced per termination hood. Include fasteners</p> <p>(15% USAGE DATA)</p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>

Product: Chimney Liner Kit (25 ft)

Specifications: Must be semi-rigid aluminum. Must include flashing, rain cap, B-Vent connector and mortar sleeve. Must be priced per kit. Include fasteners

(15% USAGE DATA HERE)

Weighted Item

3"

Vendor Product #: _____

Product Brand Name: _____

Price per Kit: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price per Kit: _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price per kit: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price per kit: _____

Product: Chimney Liner Kit (35 ft)

Specifications: Must be semi-rigid aluminum. Must include flashing, rain cap, B-Vent connector and mortar sleeve. Must be priced per kit.

(25% USAGE DATA)

Weighted Item

3"

Vendor Product #: _____

Product Brand Name: _____

Price per Kit: _____

4"

Vendor Product #: _____

Product Brand Name: _____

Price per kit : _____

5"

Vendor Product #: _____

Product Brand Name: _____

Price per kit: _____

6"

Vendor Product #: _____

Product Brand Name: _____

Price per kit: _____

8"

Vendor Product #: _____

Product Brand Name: _____

Price per kit: _____

<p>Product: Dryer Vent Pipe (Semi-Rigid)</p> <p>Specifications: Must be semi-rigid aluminum labeled "Clothes Dryer Transition Duct, UL 2158A". Must be crush resistant. Must be priced per foot. Include fasteners</p> <p>(USAGE DATA HERE)</p>	<p><u>4"</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price per foot: _____</p>
<p>Product: Pipe Insulation</p> <p>Specifications: Must be slit with self adhesive tape. Must be a minimum R-2.3. Must be priced per 6' piece. Include fasteners</p> <p>(0% USAGE DATA)</p>	<p><u>1/2" Inside Diameter</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p><u>3/4" Inside Diameter</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Water Heater – Natural Gas</p> <p>Specifications: Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements. Must include a minimum 5 year warranty on tank and parts. Must be Energy Star rated and have a minimum energy factor 0.67. Include TP Valve, Copper Discharge pipe install within 6" of floor, Both Hot and cold water supply line and connectors</p> <p>(10% USAGE DATA)</p>	<p><u>40 gallon</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p><u>50 gallon</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>
<p>Product: Water Heater – LP</p> <p>Specifications: Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements and ASHRAE requirements. Must include a minimum 5 year warranty on tank and parts. Must be Energy Star rated and have a minimum energy factor 0.67. Include TP Valve, Copper Discharge pipe install within 6" of floor, Both Hot and cold water supply line and connectors</p> <p>(10% USAGE DATA)</p>	<p><u>40 gallon</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p> <p><u>50 gallon</u></p> <p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Price: _____</p>

<p><u>Product: Water Heater – Natural Gas Sealed Combustion – 1 pipe)</u></p> <p><u>Specifications:</u> Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements Must be a sealed combustion unit exhausting flue gases through PVC Schedule 40 or Schedule 62. Must include a minimum 5 year warranty on tank and parts. Must have a minimum energy factor 0.67. Include TP Valve, Copper Discharge pipe install within 6” of floor, Both Hot and cold water supply line and connectors</p> <p>(20 % USAGE DATA)</p>	<p><u>40 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>50 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product: Water Heater – Natural Gas (Sealed Combustion – 2 pipe)</u></p> <p><u>Specifications:</u> Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements. Must be a sealed combustion unit, taking only outside air for combustion and exhausting flue gases through PVC Schedule 40 or Schedule 80. Must include a minimum 5 year warranty on tank and parts. Must have a minimum energy factor 0.67. Include TP Valve, Copper Discharge pipe install within 6” of floor, Both Hot and cold water supply line and connectors</p> <p>(2% USAGE DATA)</p>	<p><u>40 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>50 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product: New Electrical hook up for Water Heater – Natural Gas Sealed Combustion – 1or 2 Pipe System and Electrical Tanks)</u></p> <p><u>Specifications:</u> Includes wire, fittings, junction box, switch, 25’ 10-2 wire and cover plate with fasteners, whip, disconnect and breaker. Romex application only</p> <p>(10% usage date)</p>	<p>Vendor Product #: _____ Product Brand Name: _____ Price per kit: _____</p> <p>Additional wire after 25’ of 10-2 price Ln Ft _____</p>

<p><u>Product:</u> Water Heater – Natural Gas (Mobile Home Approved)</p> <p><u>Specifications:</u> Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements. Must be approved for use in mobile homes. Must include a minimum 5 year warranty on tank and parts. Must have a minimum energy factor 0.59. Include TP Valve, Copper Discharge pipe install within 6” of floor, Both Hot and cold water supply line and connectors</p> <p>(10% USAGE DATA)</p>	<p><u>30 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>40 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Water Heater – LP (Mobile Home Approved)</p> <p><u>Specifications:</u> Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements. Must be approved for use in mobile homes. Must include a minimum 5 year warranty on tank and parts. Must have a minimum energy factor 0.59. Include TP Valve, Copper Discharge pipe install within 6” of floor, Both Hot and cold water supply line and connectors</p> <p>(1% USAGE DATA)</p>	<p><u>30 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>40 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>
<p><u>Product:</u> Water Heater Discharge pipe (Copper)</p> <p><u>Specifications:</u> Copper Discharge pipe install within 6” of floor, Include all connectors and</p> <p>(1% USAGE DATA)</p>	<p>Vendor Product #: _____ Product Brand Name: _____ Price per kit: _____</p>

<p><u>Product:</u> PVC Vent kit for Natural Gas Sealed Combustion Water heater</p> <p>Specification: includes 20 "of 2" PVC pipe, Elbows 90 & 45 and coupling, Glue and Hangers</p> <p>(10% USAGE DATA)</p>	<p>1 Pipe System Vendor Product #: _____ Price per kit: _____</p>
<p><u>Product:</u> Copper Water Heater Supply lines (Flexible Copper)</p> <p><u>Specifications:</u> 3/4 Copper Female treaded connectors for both Hot and Cold</p> <p>(10% USAGE DATA)</p>	<p>Vendor Product #: _____ Product Brand Name: _____ Price per kit: _____</p>
<p><u>Product:</u> Copper Supply lines</p> <p>Specifications: Copper supply line and fitting to relocate new or existing water heater includes all connectors, 20' Copper pipe for both Hot and Cold</p>	<p>Vendor Product #: _____ Product Brand Name: _____</p> <p>1/2" Price per kit: _____ 3/4" Price per kit: _____</p>
<p><u>Product:</u> Water Heater – Electric</p> <p><u>Specifications:</u> Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements. Must include a minimum 5 year warranty on tank and parts. Must have a minimum energy factor 0.92 Include TP Valve, Copper Discharge pipe install within 6" of floor, Both Hot and cold water supply line and connectors,</p> <p>(5% USAGE DATA)</p>	<p><u>30 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p> <p><u>40 gallon</u></p> <p>Vendor Product #: _____ Product Brand Name: _____ Price: _____</p>

Product: Water Heater – Electric Heat Pump

Specifications: Must meet or exceed National Appliance Energy Conservation Act and ASHRAE requirements. Must be Energy Star Rated. Must include a minimum 10 year warranty on tank and parts. Must have a minimum energy factor 2.00. Include TP Valve, Copper Discharge pipe install within 6" of floor, Both Hot and cold water supply line and connectors

(1% USAGE DATA)

40 gallon

Vendor Product #: _____

Product Brand Name: _____

Price: _____

Product: Manual 3/4 in. Cast-Brass FPT Temperature and Safety Pressure Relief Valve

Specifications: Durable cast-brass construction
Self-closing safety valve for hot water heaters
Compatible with brass pipes (not included)
Automatic temperature and pressure protection up to 105,000 BTUs/hr.
Temperature relief at 210 degrees F and pressure relief at 150 psi 2-1/2 in. shank

(5% USAGE DATA)

Vendor Product #: _____

Product Brand Name: _____

Price: _____

HEALTH and SAFETY	
<p><u>Product: Bath Exhaust Fan</u></p> <p><u>Specifications: Must be single speed 80 CFM. Fan must be rated at no more than 1 sone. Must include adapter to connect ductwork. Kit (26ga) metal: 2 elbows, 10' metal venting, (Vent pipe insulation) and Roof jack</u></p> <p><u>25% USAGE DATA)</u></p> <p><u>*Weighted Item*</u></p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Product Model #: _____</p> <p>Price each: _____</p>
<p><u>Product: Bath Exhaust Fan with Motion Sensor</u></p> <p><u>Specifications ASH RAE 62.2 Must be continuous flow, adjustable low speed range and 80 CFM Boost. Fan must be rated at no more than 1 sone Must include adapter to connect ductwork. Kit (26ga) metal: 2 elbows, 10' metal venting, (Vent pipe insulation) and Roof jack</u></p> <p><u>(25% USAGE DATA)</u></p> <p><u>*Weighted Item*</u></p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Product Model #: _____</p> <p>Price each: _____</p>
<p><u>Product: Bath Exhaust Fan with Light and Motion Sensor</u></p> <p><u>Specifications: ASH RAE 62.2 Must be continuous flow, adjustable low speed range and 80 CFM Boost. Fan must be rated at no more than 1 sone. Fan's boost feature must operate by built-in motion sensor. Must include adapter to connect ductwork. Kit (26ga) metal: 2 elbows, 10' metal venting, (Vent pipe insulation) and Roof jack</u></p> <p><u>(30% USAGE DATA)</u></p> <p><u>*Weighted Item*</u></p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Product Model #: _____</p> <p>Price each: _____</p>

<p><u>Product: Bath Exhaust Fan with Motion Sensor</u></p> <p><u>Specifications ASH RAE 62.2 Must be continuous flow, adjustable low speed range and 130 CFM Boost. Fan must be rated at no more than 1 sone. Must include adapter to connect ductwork. Kit (26ga) metal: 2 elbows, 10' metal venting, (Vent pipe insulation) and Roof jack</u></p> <p><u>(25% USAGE DATA)</u></p> <p><u>*Weighted Item*</u></p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Product Model #: _____</p> <p>Price each: _____</p>
<p><u>Product: Bath Exhaust Fan with Light and Motion Sensor</u></p> <p><u>Specifications: ASH RAE 62.2 Must be continuous flow, adjustable low speed range and 130 CFM Boost. Fan must be rated at no more than 1 sone. Fan's boost feature must operate by built-in motion sensor. Must include adapter to connect ductwork : Kit (26ga) metal: 2 elbows, 10' metal venting, (Vent pipe insulation) and Roof jack</u></p> <p><u>(40% USAGE DATA)</u></p> <p><u>*Weighted Item*</u></p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Product Model #: _____</p> <p>Price each: _____</p>
<p><u>Product: Exhaust Fan – Inline Single Point</u></p> <p><u>Specifications: Must include fan motor, ceiling grille, housing and back draft damper, : Kit (26ga) metal: 2 elbows, 10' metal venting, (Vent pipe insulation) and Roof jack</u></p> <p><u>(15% USAGE DATA HERE)</u></p>	<p>Vendor Product #: _____</p> <p>Product Brand Name: _____</p> <p>Product Model #: _____</p> <p>Price each: _____</p>

<p><u>Product: Exhaust Fan – Through Wall and Delay timer switch</u></p> <p><u>Specifications: Must be 70 CFM. Fan must be rated no more than 1.1 sone. Must be 8" duct and must adjust to wall thickness up to 10". Includes wall switch that work on a Delay timer adaptable to the wall fan</u></p> <p><u>(10 % USAGE DATA HERE)</u></p> <p><u>*Weighted Item*</u></p>	<p>Fan Vendor Product #: _____ Product Brand Name: _____ Product Model #: _____ Price each: _____</p> <p>Delay Timer Switch Vendor Product #: _____ Product Brand Name: _____ Product Model #: _____ Price each: _____</p>
<p><u>Product: Kitchen Exhaust Fan</u></p> <p><u>Specifications: Must be 100 CFM. Fan must be rated for kitchen use. Kitchen exhaust fan must be a vented model. A recirculation model will not be accepted.</u></p> <p><u>(10% USAGE DATA)</u></p>	<p>Vendor Product #: _____ Product Brand Name: _____ Product Model #: _____ Price each: _____</p>
<p><u>Product: Exhaust Fan Control</u></p> <p><u>Specifications: Must be able to install on existing switch, fit in existing electrical switch housing, and be in compliance with ASHRAE 62.2 Ventilation Standard such as the "Tamarak Airetrak 62.2".</u></p> <p><u>(2% USAGE DATA)</u></p>	<p>Vendor Product #: _____ Product Brand Name: _____ Product Model #: _____ Price each: _____</p>
<p><u>Product: Exhaust Fan wire</u></p> <p><u>Specifications: Must be installed to the bathroom fan for continuous flow. Operate bath fans with, or without a light.</u></p> <p><u>(50%USAGE DATA)</u></p>	<p>14-2 Vendor Product #: _____ Product Brand Name: _____ Product Model #: _____ Price Lin Ft: _____</p> <p>12-2 Vendor Product #: _____ Product Brand Name: _____ Product Model #: _____ Price Lin Ft: _____</p>

Product: Bath Exhaust Fan Venting

Specifications: Kit Must include (26ga) metal:
2 elbows, 10' metal venting, (Vent pipe
insulation) and Roof jack
(90 % USAGE DATA)

2 Elbow

Vendor Product #: _____

Product Brand Name: _____

Product Model #: _____

Price: _____

Roof jack

Vendor Product #: _____

Product Brand Name: _____

Product Model #: _____

Price: _____

Insulation

Vendor Product #: _____

Product Brand Name: _____

Product Model #: _____

Price : _____

4" vent pipe

Vendor Product #: _____

Product Brand Name: _____

Product Model #: _____

Price Lin Ft _____

6" vent pipe

Vendor Product #: _____

Product Brand Name: _____

Product Model #: _____

Price Lin Ft _____

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

CERTIFICATION REGARDING WEATHERIZATION MATERIALS

I, the undersigned, certify that:

1. All weatherization materials supplied (for the duration of this contract) meet all federal standards as specified in Appendix A of 10 CFR 440, and all agency standards or specifications.
2. I understand that supplying materials that DO NOT meet federal standards, constitutes a criminal offense.
3. I have in my possession a copy of Appendix A of 10 CFR and the agency specification list and understand that materials found to be in violation of said Appendix A of 10 CFR 440 or the agency will result in immediate cancellation of my contract. All costs relating to the removal and replacement of any installed inferior materials will be the sole responsibility of the Supplier and reimbursable to the agency.
4. Must submit current lab tests for cellulose insulation and storm windows, and Material Safety Data Sheets (MSDS) for materials with hazardous content. These must be in our office before a contract can be issued.

This certification is a material representation of fact upon which reliance was placed when this transaction was made and entered into. Any supplier who fails to file this certification with the agency will not be awarded contract.

Supplier's signature

Date

Weatherization Coordinator's signature

Date

Community Service Director's signature

Date

Appendix A--Standards for Weatherization Materials

Effective April 1, 2001

If the standards listed in this appendix conflict with those required by current local codes, the local code shall have precedence and a copy of the applicable section will be retained with procurement records

The following Government standards are produced by the Consumer Product Safety Commission and are published in title 16, Code of Federal Regulations:

Thermal Insulating Materials for Building Elements including Walls, Floors, Ceilings, Attics, and Roofs Insulation—organic fiber—conformance to Interim Safety Standard in 16 CFR part 1209;

Fire Safety Requirements for Thermal Insulating Materials According to Insulation Use—Attic Floor—insulation materials intended for exposed use in attic floors shall be capable of meeting the same flammability requirements given for cellulose insulation in 16 CFR part 1209;

Enclosed spaces—insulation materials intended for use within enclosed stud or joist spaces shall be capable of meeting smoldering combustion requirements in 16 CFR part 1209.

The following standards which are not otherwise set forth in part 440 are incorporated by reference and made part of part 440. The following standards have been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. These materials are incorporated as they exist on January 3, 2002 and a notice of any change in these materials will be published in the FEDERAL REGISTER. The standards incorporated by reference are available for inspection at the Office of the Federal Register Information Center, 800 North Capitol Street, Suite 700, Washington, DC 20001.

The standards incorporated by reference in part 440 can be obtained from the following sources:

- Air Conditioning and Refrigeration Institute, 4301 N. Fairfax Drive, Suite 425, Arlington, VA 22203; (703) 524-8800.
- American Architectural Manufacturers Association, 1827 Walden Office Square, Suite 104, Schaumburg, Illinois 60173-4268; (847) 303-5664.
- American Gas Association, 400 N. Capitol Street, NW, Washington, DC 20001; (202) 824-7000.
- American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036; (212) 642-4900.
- American Society of Mechanical Engineers, Three Park Avenue, New York, NY 10016-5990; (212) 591-7722.
- American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959; (610) 832-9585.
- Association of Home Appliance Manufacturers, 1111 19th Street, NW, Suite 402, Washington, D.C. 20036; (202) 872-5955.
- Federal Specifications, General Services Administration, General Services Administration, Federal Supply Service, Office of the CIO and Marketing Division, Room 800, 1941 Jefferson Davis Hwy., Arlington, VA 22202; (703) 305-6288.
- Gas Appliance Manufacturers Association, 2107 Wilson Boulevard, Suite 600, Arlington, Virginia 22201; (703) 525-7060.
- National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209; (703) 841-3200.
- National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101; (617) 770-3000.
- Sheet Metal and Air Conditioning Contractors Association, 4201 Lafayette Center Drive, Chantilly, Virginia 20151-1209; (703) 803-2980.
- Solar Rating and Certification Corporation, c/o FSEC, 1679 Clearlake Road, Cocoa, FL 32922-5703; (321) 638-1537.
- Steel Door Institute, 30200 Detroit Road, Cleveland, OH 44145-1967; (440) 899-0010.
- Steel Window Institute, 1300 Sumner Avenue, Cleveland, OH 44115-2851; (216) 241-7333.
- Tubular Exchanger Manufacturers Association, 25 North Broadway, Tarrytown, NY 10591; (914) 322-0040.
- Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096; (847) 272-8800.
- Window & Door Manufacturers Association, 1400 East Touhy Avenue, Suite 470, Des Plaines, IL 60018; (800) 223-2301.

More information regarding the standards in this reference can be obtained from the following sources:

Environmental Protection Agency, 401 M Street, NW, Washington, DC 20006; (202) 554-1080.
National Institute of Standards and Technology, U.S. Department of Commerce, Gaithersburg, MD 20899;
(301) 975-2000.

Weatherization Assistance Program, Office of Building Technology Assistance, Energy Efficiency and Renewable Energy, 1000 Independence Avenue, SW, EE-42, Washington, DC 20585-0121; (202) 586-4074

The following Government standards are produced by the Consumer Product Safety Commission and are published in title 16, Code of Federal Regulations:

Thermal Insulating Materials for Building Elements Including Walls, Floors, Ceilings, Attics, and Roofs Insulation organic fiber conformance to Interim Safety Standard in 16 CFR part 1209;

Fire Safety Requirements for Thermal Insulating Materials According to Insulation Use—Attic Floor—insulation materials intended for exposed use in attic floors shall be capable of meeting the same flammability requirements given for cellulose insulation in 16 CFR part 1209;

Enclosed spaces—insulation materials intended for use within enclosed stud or joist spaces shall be capable of meeting smoldering combustion requirements in 16 CFR part 1209.

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Air Conditioning and Refrigeration Institute, 4301 N. Fairfax Drive, Suite 425, Arlington, VA 22203;
(703) 524-8800.

American Architectural Manufacturers Association 1827 Walden Office Square, Suite 104, Schaumburg, Illinois 60173-4268; (847) 303-5664.

American Gas Association, 400 N. Capitol Street, NW, Washington, DC 20001; (202) 824-7000.

American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036; (212) 642-4900.

American Society of Mechanical Engineers, Three Park Avenue, New York, NY 10016-5990; (212) 591-7722.

American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959;
(610) 832-9585.

Federal Specifications, General Services Administration, General Services Administration, Federal Supply Service, Office of the CIO and Marketing Division, Room 800, 1941 Jefferson Davis Hwy., Arlington, VA 22202; (703) 305-6288.

Gas Appliance Manufacturers Association, 2107 Wilson Boulevard, Suite 600, Arlington, Virginia 22201;
(703) 525-7060.

National Electrical Manufacturers Association, 1300 North 17th Street, Suite 1847, Rosslyn, VA 22209;
(703) 841-3200.

National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101;
(617) 770-3000.

Sheet Metal and Air Conditioning Contractors Association, 4201 Lafayette Center Drive, Chantilly, Virginia 20151-1209; (703) 803-2980.

Solar Rating and Certification Corporation, c/o FSEC, 1679 Clearlake Road, Cocoa, FL 32922-5703;
(321) 638-1537.

Steel Door Institute, 30200 Detroit Road, Cleveland, OH 44145-1967; (440) 899-0010.

Steel Window Institute, 1300 Sumner Avenue, Cleveland, OH 44115-2851; (216) 241-7333.

Tubular Exchanger Manufacturers Association, 25 North Broadway, Tarrytown, NY 10591; (914) 322-0040.

Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096; (847) 272-8800.

Window & Door Manufacturers Association, 1400 East Touhy Avenue, Suite 470, Des Plaines, IL 60018;
(800) 223-2301.

More information regarding the standards in this reference can be obtained from the following sources:

Environmental Protection Agency, 401 M Street, NW, Washington, DC 20006; (202) 554-1080.
National Institute of Standards and Technology, U.S. Department of Commerce, Gaithersburg, MD 20899; (301) 975-2000.

Thermal Insulating Materials for Building Elements including Walls, Floors, Ceilings, Attics, and Roofs

[Standards for conformance]

Insulation--mineral fiber:	
Blanket insulation;	
Roof insulation board	ASTM ¹ C665-98
Loose-fill insulation	ASTM C726-00a.
Insulation--mineral cellular:	ASTM C764-99.
Vermiculite loose-fill insulation	
Perlite loose-fill insulation	ASTM C516-80 (1996)e1.
Cellular glass insulation block	ASTM C549-81 (1995)e1.
Perlite insulation board	ASTM C552-00.
Insulation--organic fiber:	ASTM C728-97.
Cellulosic fiber insulating board	
Cellulose loose-fill insulation	ASTM C208-95.
Cellulose wet-spray insulation	ASTM C739-00.
Insulation--organic cellular:	ASTM C1149-97
Preformed block-type polystyrene insulation	
Rigid preformed polyurethane insulation board	ASTM C578-95.
Polyurethane or polyisocyanurate insulation board face	ASTM C591-00.
	FS ² HH-1-1972/1 (1981).
	with aluminum foil on both sides
	FS HH-1-1972/2 (1981) and with felt on both sides
	Amendment 1, October 3, 1985).
Polyurethane or polyisocyanurate insulation board face	
Insulation--composite boards:	
Mineral fiber insulation board	ASTM C726-00a.
Gypsum board and polyurethane or polyisocyanurate composite board	FS HH-1-1972/A (1981).
Materials used as a patch to reduce infiltration through the building envelope	
	Commercially available.

¹ ASTM indicates American Society for Testing and Materials.

² FS indicates Federal Specifications.

Thermal Insulating Materials for Pipes, Ducts, and Equipment Such as Boilers and Furnaces
[Standards for conformance]

Insulation--mineral fiber:	
Preformed pipe insulation	
Blanket and felt insulation (industrial type)	ASTM ¹ C547-00.
Blanket insulation and blanket type pipe insulation (metal-mesh covered, industrial type)	ASTM C553-00
Block and board insulation	ASTM C592-00.
High-temperature fiber blanket insulation	
Duct work insulation	ASTM C612-00
Insulation--mineral cellular:	ASTM C892-00.
Calcium silicate block and pipe insulation	ASTM C1290-00.
Cellular glass insulation	
Expanded perlite block and pipe insulation	ASTM C533-95.
Insulation--organic cellular:	ASTM C552-00.
Preformed flexible elastomeric cellular insulation in sheet and tubular form	ASTM C610-99.
Unfaced preformed rigid cellular polyurethane insulation	
Insulation skirting	ASTM C534-99
	ASTM C591-00.
	Commercially available

¹ ASTM indicates American Society for Testing and Materials.

Fire Safety Requirements for Insulating Materials According to Insulation Use
 [Standards for conformance]

Attic floor	Insulation materials intended for exposed use in attic floors shall be capable of meeting the same smoldering combustion requirements given for cellulose insulation in ASTM ¹ C739-00.
Enclosed space	Insulation materials intended for use within enclosed stud or joist spaces shall be capable of meeting the same smoldering combustion requirements given for cellulose insulation in ASTM C739-00.
Exposed interior walls and ceilings	Insulation materials, including those with combustible facings, which remain exposed and serve as wall or ceiling interior finish, shall have a flame spread classification not to exceed 150 (per ASTM E84-00a).
Exterior envelope walls and roofs	Exterior envelope walls and roofs containing thermal insulation shall meet applicable local government building code requirements for the complete wall or roof assembly.
Pipes, ducts, and equipment	Insulation materials intended for use on pipes, ducts, and equipment shall be capable of meeting a flame spread classification not to exceed 150 (per ASTM E84-00a).

¹ ASTM indicates American Society for Testing and Materials.

Storm Windows
 [Standards for conformance]

Storm Windows:	
All Storm windows	AAMA/NWDA ¹ 101/I.S.2097.
Aluminum frame storm windows	AAMA ² 1002.10-93.
Rigid vinyl frame storm windows	Required minimum thickness for windows is 6 mil (0.006 inches).
Frameless plastic glazing storm	Commercially available.
Movable insulation systems for windows	

¹ AAMA/NWDA indicates American Architectural Manufacturers Association/National Wood Window & Door Association (now the Window & Door Manufacturers Association).

² AAMA indicates American Architectural Manufacturers Association.

³ Indicates American Society for Testing and Materials.

Replacement Windows
[Standards for conformance]

Replacement windows:
All windows
Steel frame windows

AAMA/NWWDA¹ 101/I.S.2-97.
Steel Window Institute recommended
Specifications for steel windows, 1990.
ASTM² D4726-00

¹ AAMA/NWWDA indicates American Architectural Manufacturers Association/National Wood Window & Door Association (now the Window & Door Manufacturers Association).

² ASTM indicated American Society for Testing and Materials.

Storm Doors
[Standards for conformance]

Storm doors:
All storm (glass) doors
Aluminum frame storm doors
Sliding glass storm doors
Rigid vinyl storm doors.

AAMA/NWWDA¹ 101/I.S. 2-97
AAMA² 1102.7-89.
AAMA 1002.10-93
ASTM³ D3678-97 and D4726-00.

Vestibules:

Materials to construct vestibules

Commercially available.

¹ AAMA/NWWDA indicates American Architectural Manufacturers Association/National Wood Window & Door Association (now the Window & Door Manufacturers Association).

² AAMA indicates American Architectural Manufacturers Association.

³ ASTM indicates American Society for Testing and Materials.

Replacement Doors
[Standards for conformance]

Replacement doors
All replacement doors
Steel doors

AAMA/NWWDA¹ 101/I.S.2-97.
ANSI² A250.8-98.

Wood doors:

Flush doors

(Amendment, exterior door provisions).

ANSI/NWWDA³ I.S. 1-97

Stile and rail doors

NWWDA⁴ I.S. 6-97.

¹ AAMA/NWWDA indicates American Architectural Manufacturers Association/National wood Window & Door Association (now the Window & Door Manufacturers Association).

² ANSI indicates American National Standards institute.

³ ANSI/NWWDA indicates American National Standards Institute/National Wood Window & Door Association (now the Window & Door Manufacturers Association).

⁴ NWWDA indicates National wood Window & Door Association (now the Window Door Manufacturers Association).

Caulks and Sealants
[Standards for conformance]

Caulks and sealants:

Glazing compounds for metal stanch
Oil and resin base caulks
Acrylic (solvent types) sealants
Butyl rubber sealants

ASTM¹ C669-00.
ASTM C570-00.
ASTM C920-98e1/
FS² Commercial Item
Description A-A-272 (6/7/95).

Chlorosulfonated poly-ethylene sealants
Latex sealing com- pounds
Elastomeric joint sealants (normally considered to include
polysulfide, polyurethane, and silicone)
Preformed gaskets and sealing materials
Duct sealing mastic

ASTM C920-98e1.
ASTM C834-00e1.
ASTM C920-98e1.

ASTM C509-00.

¹ ASTM indicates American Society for Testing and Materials.
² FS indicates Federal Specifications.
³ UL indicates Underwriters Laboratories.

Weather-stripping
[Standards for conformance]

Weather-stripping
Vapor retarders

Commercially available.
Selected according to the provisions
cited in ASTM¹ C755-97.
not greater than 1 perm when deter-
mined according to the method described in ASTM E96-
00.

Permeance

Desiccant

Items to improve attic ventilation Commercially available.

¹ STM indicates American Society for Testing and Materials.

Heat Exchangers
[Standards for conformance]

Heat exchangers, water- to-water
and steam-to- water

ASME¹ Boiler and Pressure Vessel
Code, 1998, Sections II, V, VIII, IX,
and X, as applicable to pressure ves-
sels. Standards of Tubular Exchanger
Manufacturers Association, Eighth
Edition, 1999

Heat exchangers with gas-fired appliances²

ANSI/UL3 462, Ninth Edition,
approved by ANSI February 28, 1997//

¹ ASME indicates American Society for Mechanical Engineers.

² The heat reclaimer is for installation in a section of the vent connector from appliances equipped with draft hoods or appliances equipped with
powered burners or induced draft and not equipped with a draft hood.

³ ANSI/UL indicates American National Standards Institute/Underwriters Laboratories.

Boiler/Furnace Control Systems
[Standards for conformance]

Automatic set back thermostats	Listed by UL ¹ . Conformance to NEMA ² DC3-1989 (R1996).
Line voltage or low voltage room thermostats	Listed by UL. Conformance to NEMA DC3-1989 (R1996).
Clock thermostats	Listed by UL. Conformance to NEMA DC3-1989 (R1996).
Automatic gas ignition systems	Listed by UL. Conformance to NEMA DC3-1989 (R1996). ANSI ³ Z21.21-2000. AGA ⁴ Laboratories Certification Seal.
Energy management systems	Listed by UL.
Hydronic boiler controls	Listed by UL.
Other burner controls	Listed by UL.

- ¹ UL indicates Underwriters Laboratories.
² NEMA indicates National Electrical Manufacturers Association.
³ ANSI indicates American National Standards Institute.
⁴ AGA indicates American Gas Association.

Water Heater Modifications
[Standards for conformance]

Insulate tank and distribution piping	(See insulation section of this appendix).
Install heat traps on inlet and outlet piping	Applicable local plumbing code.
Install/replace water heater heating elements	Listed by UL ¹ .
Electric, freeze prevention tape for pipes	Listed by UL.
Install stack damper, gas-fueled	ANSI ² Z21.66-1996, including Exhibits A & B, and ANSI Z223.1-1999 (same as NFPA 3 54-1999).
Install stack damper, oil- fueled	UL 17, Third Edition, 1994, NFPA 31-2001, NFPA 211- 2000 (same as ANSI A52.1), and ANSI/NFPA 70-1999 (same as IEEE4 National Electrical Code).
Install water flow modifiers	Commercially available

- ¹ UL indicates Underwriters Laboratories.
² ANSI indicates American National Standards Institute.
³ NFPA indicates National Fire Prevention Association.
⁴ IEEE indicates Institute of Electrical and Electronics Engineers.

Replacement Water Heaters
[Standards for conformance]

Electric (resistance) water heaters	10 CFR ¹ 430 and UL ² 174.
Heat pump water heaters	UL 1995, Second Edition, 1995. Electrical components to be listed by UL.
Gas water heaters: Rated [75 kBtu/hr Rated m75 kBtu/hr	10 CFR 430 and ANSI ³ Z21.10.1-1998. ANSI Z21.10.3-1998.
Oil water heaters	UL 732, Fifth Edition, 1995.

- ¹ CFR indicates Code of Federal Regulations
² UL indicates Underwriters Laboratories.
³ ANSI indicates American National Standards Institute.

Solar Water Heating Systems
[Standards for Conformance]

Solar water heating systems including forced circulation, integral collector storage, thermo-syphon, and self-pumping systems

System must be certified per SR CC1 OG 300, July 16, 1998.

¹ SRCC indicates Solar Rating and Certification Corporation.

Waste Heat Recovery Devices
[Standards for conformance]

Desuperheater/water heaters

ARI¹ 470-1995 and UL 1995, Second Edition, 1995.

Condensing heat exchangers

Commercially available components and in new heating furnace systems to manufacturers' specifications. NFPA² 211-2000 (same as ANSI A52.1) may apply in certain instances. See also the Heat Exchangers section of this appendix.

Heat pump water heating heat recovery systems

UL 1995, Second Edition, 1995.

Energy recovery equipment

Electrical components to be listed by UL.

Energy Systems Analysis and Management, 1997 (SMACNA³).

¹ ARI indicates Air Conditioning and Refrigeration Institute.

² NFPA indicates National Fire Prevention Association.

³ SMACNA denotes Sheet Metal and Air Conditioning Contractors' National Association.

Boiler Repair and Modifications/Efficiency Improvements
[Standards for conformance]

Install gas conversion burners

ANSI Z223.1-1999 (same as NFPA 54-1999). AGA2 Laboratories Certification Seal ANSI Z21.8-1994 (for gas- or oil-fired systems), ANSI Z21.17-1998, and UL3 296, Ninth

Replace oil burner
Edition, 1994 and

Install burners (oil/gas)

NFPA 31-2001.
ANSI Z223.1-1999 for gas equipment
And NFPA⁴ 31-2001 for oil equipment.
ASME⁵ CSD-1-1998, ANSI Z223.1-1999, and NFPA 31-2001.
reset control

Re-adjust boiler water temperature
or install automatic boiler temperature

Replace/modify boilers

ASME Boiler and Pressure Vessel Code, 1998, Section II, IV, V, VI, VIII, IX, and X. Boilers must be Hydronics Institute Division of GAMA equipment

Clean heat exchanger, adjust burner air shutter(s),
check smoke no on oil-fueled equipment.
Check operation of pump(s) and replacement filters.
Replace combustion chambers

Per manufacturers' instructions.
Refractory linings may be
Required for conversions.
Protection from flame contact with

Replace heat ex-changers, tubes
conversion burners by refractory shield.
Install/replace thermo-static radiator valves

Commercially available. One-pipe
steam systems require air vents on

each radiator; see manufacturers' requirements

Install boiler duty cycle control system

Commercially available, ANSI/NFPA 70-1999 (same as IEEE National Electrical Code) and local electrical code provisions for wiring.

¹ ANSI indicates American National Standards Institute.

² AGA indicates American Gas Association.

³ UL indicates Underwriters Laboratories.

⁴ NFPA indicates National Fire Prevention Association.

⁵ ASME indicates American Society for Mechanical Engineers.

Heating and Cooling System Repairs and Tune-ups/Efficiency Improvements (Standards for conformance)

Install duct insulation

Reduce input of burner; derate gas-fueled equipment

ASTM C612-00 (see insulation sections of this appendix).
Local utility company and procedures if applicable for gas-fueled furnaces and ANSI Z223.1-1999 (same as NFPA 54-1999) including Appendix H.

Repair/replace oil-fired equipment

Replace combustion chamber in oil-fired furnaces or boilers

Clean heat exchanger and adjust burner; adjust air shutter and check CO₂ and stack temperature. Clean or replace air filter on forced air furnace

Install vent dampers for gas-fueled

NFPA 31-2001.

NFPA 31-2001.

ANSI Z223.1-1999 (same as NFPA 54-1999) including Appendix H.

Install vent dampers for oil-fueled heating systems

Applicable sections of ANSI Z223.1-heating systems 1999 (same as NFPA 54-1999) including

Appendix H, I, J, and K. ANSI Z21.66-1996 and Exhibits A&B for electrically operated dampers.

Applicable sections of NFPA 31-2001 for installation and in conformance with UL⁴ 17, Third Edition, 1994.

Reduce excess combustion air:

A: Reduce vent connector size of gas-fueled appliances

B: Adjust barometric draft regulator for oil fuels

ANSI Z223.1-1999 (same as NFPA 54-1999) part 9 and Appendices G & H. NFPA 31-2001 and per furnace and boiler manufacturers' instructions. ANSI Z21.71-1993.

Replace constant burning pilot with electric ignition device on gas-fueled furnaces or boilers

Readjust fan switch on forced air gas-or oil-fueled furnaces

Applicable sections and Appendix H of ANSI Z223.1-1999 (same as NFPA 54-1999) for gas furnaces and NFPA 31-2001 for oil furnaces. See install burners (oil/gas).

ANSI Z223.1-1999 (same as NFPA 54-1999).

ARI⁵ 210/240-1994. UL 1995, Second Edition, 1995.

Commercially available.

UL 181, Ninth Edition 1996, including UL 181A, Second Edition 1994 and

Replace burners

Install/replace duct furnaces (gas)

Install/replace heat pumps

Replace air diffusers, intakes, registers, and grilles

Install/replace warm air heating metal ducts

Filter alarm units

181B, First Edition, 1995.
Commercially available.

- ¹ ASTM indicates American Society for Testing and Materials.
² ANSI indicates American National Standards Institute.
³ NFPA indicates National Fire Prevention Association.
⁴ UL indicates Underwriters Laboratories.
⁵ ARI indicates Air Conditioning and Refrigeration Institute.

Replacement Furnaces, Boilers, and Wood Stoves
[Standards for conformance]

Chimneys, fireplaces, vents and solid fuel burning appliances

NFPA¹ 211-2000 (same as ANSI2
A52.1).

Gas-fired furnaces

ANSI Z21.47-1998 and ANSI Z223.1-
1999 (same as NFPA 54-1999).

Oil-fired furnaces

UL³ 727, eighth Edition, 1994 and
NFPA 31-2001.
NFPA 58-2001.

Liquefied petroleum gas storage

Ventilation fans:

UL 507, Ninth Edition, 1999.

Including electric attic, ceiling, and whole-house fans

- ¹ NFPA indicates National Fire Prevention Association.
² ANSI indicates American National Standards Institute.
³ UL indicates Underwriters Laboratories.

Air Conditioners and Cooling Equipment
[Standards for conformance]

Air conditioners:

Central air conditioners

Room size units

ARI¹ 210/240-1994.

Other cooling equipment:

ANSI/AHAM² RAC 1-1992.

Including evaporative coolers, heat pumps,
and other equipment

UL³ 1995, Second Edition

¹ ARI indicates Air Conditioning and Refrigeration Institute.

² ANSI/AHAM indicates American National Standards Institute/Association of Home Appliance Manufacturers.

³ UL indicates Underwriters Laboratories.

Screens, Window Films, and Reflective Materials
[Standards for conformance]

Insect screens

Commercially available.

Window films

Commercially available.

Shade screens:

Fiberglass shade screens

Commercially available.

Polyester shade screens

Commercially available.

Rigid awnings:

Wood rigid awnings

Commercially available.

Metal rigid awnings

Commercially available.

Louver systems:

Wood louver awnings

Commercially available.

Metal louver awnings

Industrial-grade white paint used as a heat-reflective measure
on awnings, window louvers, doors, and exterior duct work (exposed)

Commercially available.

Refrigerators
[Standards for conformance]

Refrigerator/freezers (does not include freezer-only units)

UL¹ 250. Replaced units must be disposed of properly per
Clean Air Act
1990, Section 608, as amended by 40
CFR2 82, May 14, 1993.

¹ UL indicates Underwriters Laboratories.

² CFR indicates Code of Federal Regulations.

Fluorescent Lamps and Fixtures
[Standards for conformance]

Compact fluorescent lamps
February 6, 1997 and UL 1993,

ANSI/UL1 542, Seventh Edition,

First Edition, 1993.

Fluorescent lighting fixtures

UL 1570, Fourth Edition, 1995.

¹ ANSI/UL indicates American National Standards Institute/Underwriters Laboratories.

**CITY OF ROCKFORD HUMAN SERVICES
2013 Weatherization Program**

MATERIAL SAFETY DATA SHEETS

All vendors must turn in Material Safety Data Sheets (MSDS) in the printed format of their choice. Each form should include the following **MINIMUM** information:

1. Name and/or product number
2. Name and Address of Manufacturer
3. Description of hazardous material contained in the product
4. Effects of the Hazardous material
5. Telephone number of manufacturer where additional information can be obtained

MSDS are required for any material containing potentially hazardous substances.

All labor vendors must provide MSDS to their work crew employees and to the local agency. Upon contract award, labor vendors must also assure the local agency, in writing, that their work crew employees have received the MSDS.

The contractor has read and understands the MSDS as stated above.

Name of Company (please print)

Signature

Date