

**INVITATION TO BID
WALK-IN FREEZER FOR ASHFORD HIGH SCHOOL
BY THE HOUSTON COUNTY BOARD OF EDUCATION
CHILD NUTRITION PROGRAM**

BID # 2011-2012 (4) (08)

To: Interested Bidders:

The Houston County Board of Education is requesting bids for (1) **Walk-In Cooler/Freezer** for Ashford High School.

All bids accepted shall be sealed, with the envelope marked "Bid for Walk-In Cooler/Freezer." For mailing purposes, please address your bid to the Houston County Board of Education, 404 West Washington Street, Dothan, Alabama 36301.

Please allow for ample time for delivery of mail by postal service. *Bids received late will not be considered.*

Bids may be hand delivered to the Houston County Board of Education, 404 West Washington Street, Dothan, Alabama, by **1:00 P. M. Thursday, March 1, 2012. The Bid opening will be held at 10:00 A.M. on Friday, March 2, 2012 at the Houston County Board of Education.**

The Houston County Board of Education reserves the right to accept or reject any or all bids and to waive any formalities.

If you have any questions concerning the bid, please contact the offices of the Superintendent, 404 West Washington Street, Dothan, Alabama 36302 or telephone (334) 792-8331 **prior to bid opening.**

Please note that bid specifications and general specifications are included for your review and use.

HOUSTON COUNTY BOARD OF EDUCATION

BY



TIM PRITCHARD, SUPERINTENDENT

SPECIFICATIONS

1. All bidders must use the bid form by the Houston County Board of Education.
2. Bids must be sealed and marked in the lower left-hand corner **“Walk-In-Cooler/Freezer for Ashford High School”**, with bid number, opening date and time.
3. A late bid **will not be accepted**.
4. Questions regarding this bid must be presented to the Superintendent prior to the bid opening.
5. The Houston County Board of Education reserves the right to reject any and all bids and to waive any formalities in awarding this bid to the lowest bidder. Prices quoted shall include freight, installation and removal of all debris.
6. All bids received shall include a project completion date of August 1, 2012. (Successful bidder may begin Walk-in Cooler/Freezer project work on June 4, 2012.)
7. All bids received shall guarantee that item(s) meet or exceed specifications included.
8. All prices submitted in this proposal are to include delivery and installation and shall not include any state tax or federal excise tax.
9. Items furnished as a result of this bid and delivered to purchaser must meet or exceed specifications indicated on the quotation sheet. Items not conforming to specifications may be rejected at the vendor’s expense.
10. Successful bidder shall be responsible for coordinating the delivery of bid items (s) to Ashford High School 607 Church Street Ashford, Alabama 36312.
11. All Materials shall be the kind specified, new and shall be in undamaged condition when turned over to the owner.
12. Bid prices submitted will remain in effect for a period of ninety (90) days or longer.
13. The Houston County Board of Education reserves the right to add or subtract from the quantities listed per item prior to shipment.
14. Pictures, descriptions and specifications shall accompany bids. A low bid not containing this information shall not be awarded.

15. References to any manufacturers, suppliers, catalog number, etc is intended only to Set quality standards and does not exclude bids from others as long as quality standards are met ten days before bid opening. It is not the owner's intent to accept a lesser quality than is set forth in the specifications. The manufacturer's specifications shall prevail if written in full detail.
16. Items furnished as a result of this bid must be certifiable as **ASBESTOS** free.
17. When visiting the job site, please contact the school principal.

DISQUALIFICATION OF BID

Bids may be disqualified before the awarding of the contract for any of the following reasons:

- 1. Failure to sign bid document**
- 2. Failure to include requested information**
- 3. Failure to include bid bond or certified check.**
- 4. Errors in bid proposal**

METHODS OF AWARD

1. The award will be made to the lowest responsible bidder meeting specifications.
2. The contract for purchase will be put into effect by means of purchase order executed by the Houston County Board of Education.
3. Quality, Conformity with specifications, purpose for which required, terms of payment, past service and experience are among factors that may be considered in determining the responsible bidder.
4. In the event the low bidder does not accept the entire requirements without deviation the bid may be awarded to the next bidder.

BID BOND

Alabama Bid Law requires a bid bond for contracts which will total \$15,000,00 or more. The bond must be included in with your bid. In lieu of a bid bond, the Houston County Board of Education will accept a certified cashier check. The bond and/or check must be five percent (5%) of your bid proposal. All bid bonds will be held until the lowest responsible bidder is determined and the contract has been awarded.

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**THE HOUSTON COUNTY BOARD OF EDUCATION
RESOLUTION FOR CONDUCTING BUSINESS WITH MINORITIES**

The Houston County board of Education is committed to providing appropriate business opportunities to all qualified persons without regard to race. Consistent with that commitment, the following procedures will be utilized as a good faith effort by the Board:

1. An assertive effort will be made to identify minority professionals in our service area.
2. Each bid invitation for goods/services or a combination thereof shall be publicized in such a manner as to include all interested local business enterprises with regard to race.
3. In making purchases of items exempt from Alabama State Bid Law requirements, appropriate consideration will be given to all local businesses without regard to race.
4. In procuring professional services, the Houston County Board of Education will Examine the availability of qualified minority professionals, along with other local Qualified professionals, and make a decision without regard to race.

PLEASE COMPLETE AND RETURN

U. S. DEPARTMENT OF AGRICULTURE

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary
Exclusion—Lower Tier Covered Transactions**

This certification is required by the regulations implementing Executive Order 12459, Department and Suspension. 7 CFR part 3017 Section 3017 510, Participants' responsibilities. The regulations were published as Part IV of January 30, 1989, Federal Register(page 4722-4733). Copies of the regulations may be obtained by contacting the Department of Agriculture Agency with which this transaction originated.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

1. The prospective lower participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of these statements in this certification, such prospective participant shall attach an explanation to this proposal.

Organization Name

PR/Award Number or Project Name

Name(s) and Titles of Authorized Representative(s)

Signature(s)

Date

RESPONSIBILITIES

SUCCESSFUL BIDDER:

Please note that this is a turn key job. Successful Bidder is responsible for removal of existing walk-in cooler/freezer, complete installation of cooler/freezer to include all refrigeration, drain lines, enclosure trim and electrical.

SCHOOL SYSTEM:

It is the school system's responsibility to provide access to the building.
Repair ceiling around new walk-in.
Repair floor tile around new walk-in.

BID SHEET
HOUSTON COUNTY BOARD OF EDUCATION
CHILD NUTRITION PROGRAM
404 WEST WASHINGTON STREET
DOTHAN, ALABAMA 36301

BID# 2011-2012 (4) (08)

I/We have read carefully the specifications enclosed in this bid invitation and therefore, offer the following bid:

ASHFORD HIGH SCHOOL

<u>ITEM DESCRIPTION</u>	<u>QUANTITY</u>	<u>TOTAL BID PRICE</u>
Walk-In Cooler/Freezer	1	\$ _____
<u>ASHFORD HIGH SCHOOL TOTAL BID PRICE</u>		\$ _____

The undersigned bidder declares that prices quoted on the above items will remain firm for ninety (90) calendar days from time set to receive this bid.

COMPANY _____

AUTHORIZED
REPRESENTATIVE _____
(TYPED OR PRINTED)

(SIGNATURE)

ADDRESS _____

PHONE _____

DATE _____

THERMO-KOOL/Mid-South Industries, Inc.
WALK-IN COOLER AND FREEZER SPECIFICATIONS
Ashford High School

GENERAL SPECIFICATIONS:

The **THERMO-KOOL** walk-ins specified shall be prefabricated modular construction. It shall be designed and constructed to allow fast and easy field assembly, disassembly, relocation and enlargement by the addition of like modular panels. Walk-in shall be designed and constructed as shown on plan. Overall size of walk-in freezer shall be **actual dimensions** of 22'6" x 7'0" x 7'6" High and overall size of walk-in cooler shall be 14'0" x 8'0" x 7'6" High. Nominal dimensions will not be accepted.

PANEL CONSTRUCTION:

Wall and ceiling panel widths shall be within **1" increments up to 46" wide**. Corner panels shall be 90 degree angle, 12" x 12". All panels shall be interchangeable with like panels for fast and easy assembly. **Partition panel placement shall be within 1" increments to meet shelving space requirements.**

All panels shall consist of metal pans formed to precise dimensions. Insulation shall be "foamed-in-place" urethane to bond permanently to complete inner surfaces of both interior and exterior metal pans to form strong rigid unit. Panels shall not have internal wood or metal support, framing, straps, or other non-insulating members. Each panel shall be 100% urethane foam insulation exclusive of metal pans. Perimeter structure shall be formed of **DURATHANE**, high density urethane insulation forming tongues and grooves to assure vapor and airtight joints and to prevent pre-installation damage and deterioration of exposed urethane surfaces.

WARRANTY:

Panels shall be covered by a Ten-Year Factory Warranty.

INSULATION:

Insulation shall be 4" thick rigid, zero ozone depleting HFC 134a blown Class I urethane foam classified according to UL 723 (ASTM-E-84) as tested by Underwriters Laboratories, Inc. The core material has a flame spread of 25 or less and a smoke density of 250.

The urethane foam is foamed-in-place to bond to inner surfaces of metal pans having an average thermal conductivity (K factor) of 0.13 BTU/hr./sq. ft. per degrees /Fahrenheit/inch. As tested in accordance with ASTM C 518-2004, the R factor for coolers at temperatures of 55 F° is greater than 29.0 for 4" thick greater than 36.0 for 5" thick panels; for freezers at temperatures of 20 F° the R factor is greater than 32.0 for 4" thick and greater than 40.0 for 5" thick panels. (R-value of R-25 for Coolers and R-32 for Freezers required to meet 2009 Energy Code)

The prefabricated urethane foamed panels shall be supplied with a Class I fire hazard classification according to UL 723 (ASTM-E-84) as tested by Underwriters Laboratories, Inc. Panels shall have a flame spread rating of 25 or less and bear a certifying Underwriters Laboratories, Inc. label.

This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions

METAL FINISHES:

Interior and exterior finishes shall be 26 Ga. Stucco Galvanized.

PANEL LOCKING ASSEMBLIES:

Assembly of walk-in shall be accomplished by "Insta-Loks" consisting of cam-action hook arm assembly set in one panel and a self-aligning, self-centering, pin assembly set in the matching panel. All vertical joints must have a minimum of three **Insta-loks**. Rotation of the cam-action hook arm shall pull and lock panels together to form airtight, vapor proof joints. No metal straps or connecting rods shall be used inside the panels. Rotation of the cam-locks shall be operated from inside the walk-in through access ports that are sealed with vinyl snap-in closures.

PANEL GASKETS:

NSF listed double-bead vinyl gasket shall be applied to the tongue side of all panels, on both interior and exterior. Gaskets shall be impervious to stains, grease, oils, mildew, sunlight, etc.

ENTRANCE DOOR AND FRAME:

Each compartment shall be equipped with a 34" x 76" hinged-type, flush-mounted entrance door mounted in a nominal 4', 5' or 6' frame and located in exact location as shown on drawing. **Door placement shall be within 1" increments to meet shelving space and job site requirements.** Door shall be manufactured to accommodate floor construction. Door and frame shall be listed by Underwriters Laboratories and bear the UL Seal of Approval and be equipped with the following:

Door shall be equipped with a one-piece perimeter PVC accordion type removable gasket with magnetic core at the top and along the side perimeter of the door. An adjustable wiper gasket shall be mounted along the bottom edge of the door.

Latch shall be break-a-way type with cylinder lock and inside safety release handle so the door can be opened from the inside even if locked. A positive

action hydraulic door closer (required to meet 2009 Energy Code) shall be included to ensure gentle closing action of door to opening and to ensure positive closing of door. The latch shall be of high pressure zinc die cast with highly polished chrome finish.

Hinges shall be nine inch modified strap, cam-lift, self-closing design with door lift off capability of high-pressure zinc die cast with highly polished chrome finish. (a spring loaded hinge required to meet 2009 Energy Code)

Door frame shall consist of **heavy reinforced steel "U" channel frame** to encompass entire perimeter of opening, foamed-in-place to give extra support and rigidity to frame and to prevent racking, distortion, warping and twisting. A backup must be welded for added strength.

An armored anti-sweat heater cable shall be run in a breaker strip located behind a removable heavy gauge stainless steel trim for easy access to heater cable. Heater cable shall be run under threshold consisting of heavy reinforcement "U" channel breaker strip and heavy gauge stainless steel threshold.

Door section shall be provided with an operating toggle switch and pilot light mounted on the exterior side of the door frame. An incandescent vapor proof light and face mounted inlet box shall be mounted on the interior side of the door frame for 115 volt, 60 cycle, 1 phase A.C. service. All wiring shall be in concealed rigid conduit. A 2-1/2" diameter chrome face, flush mount, dual reading, adjustable dial thermometer shall be provided on exterior of door section to provide temperature reading of -40 degrees C to +150 degrees C.

VINYL STRIP CURTAIN: To minimize infiltration of air when doors are open a vinyl strip curtain shall be supplied at each door (required to meet 2009 Energy Code).

TREADPLATE KICKPLATES: Door shall have 1/8" aluminum diamond treadplate kickplates 36" high on the interior and exterior. Diamond tread kickplates shall be mounted with adhesive and sealed with silicone. **No external fasteners such as screws or pop rivets shall be applied as fastening for the diamond tread (or stainless steel) kickplates.**

FLUORESCENT LIGHT FIXTURES: Each walk-in shall have (2) 4' fluorescent light fixtures (less bulbs) for additional illumination. (Energy efficient lighting required to meet 2009 Energy Code.)

HEATED PRESSURE RELIEF VENT: Freezer shall be equipped with a two-way heated pressure relief vent to equalize pressure between the interior and exterior caused by defrost cycles and opening of door. Electrical service to be 115v/60/1 phase.

continued

FLOOR CONSTRUCTION:

Walk-in floor shall be fabricated similar to other panels and be designed to withstand uniformly distributed stationary loads of 600 lbs. per square foot. Interior surface of floor panels to be foamed-in-place 1/8" Aluminum Treadplate.

INTERIOR RAMP: To eliminate a step-up the walk-ins shall be equipped with an interior **built-in foamed-in-place ramp** at entrance door. The interior ramp shall be NSF approved, have a non-skid surface and be equipped with a threshold and heater wire. Interior ramp shall be width of door opening x 24" depth.

REFRIGERATION :

Basic refrigeration components shall consist of a condensing unit of the Hermetic type. Condensing units shall be factory assembled and UL approved. The condensers shall be air-cooled. Refrigerant for all systems shall be R404-A.

Refrigeration model numbers to be as follows: Medium temperature system shall be a 1 HP model MOH010X63 with TKM-0900 evaporator coil. Low temperature system shall be a 3 HP model MOH031L63 with a TKL-1201 evaporator coil.

Evaporators shall be forced air type with air flow parallel to the walk-in ceiling. Evaporators shall be a standard low profile series. (Electronically Comutated Motors required to meet 2009 Energy Code). All evaporator coil components shall be housed in heavy gauge aluminum housing. Units shall have drain pan with drain pipe connection. Freezer evaporator shall be equipped with an automatic electric defrost system including coil heaters, time clock, fan delay control and drain heaters. All evaporators shall be UL listed.

Condensing unit voltage to be 208-230/60/3.

The basic components shall be supplied as Remote Preassembled and shall include condensing unit, evaporator coil, control kit (pressure control, thermostat, liquid line drier, sight glass, suction line vibration eliminator, expansion valve and evaporator coil mounting kit), fan delay control and liquid line solenoid. All parts shall be factory mounted.

Remote Preassembled system requires tubing, electrical hook-up, drain line and refrigerant charge supplied by qualified refrigeration, electrical and plumbing contractors.

A low ambient kit and weatherproof housing shall be supplied with condensing units. The low ambient kit shall consist of a crankcase heater and headmaster valve.

continued

DRAIN LINES: All evaporator coils shall be provided with proper sized drain lines, supplied and field installed by contractor. Drains shall be trapped outside of walk-in. Drain shall be heated and insulated to prevent freezing. All plumbing to be in accordance with applicable codes.

Contractor shall be responsible for providing units completely installed and operational. Cooler to operate at +35 degrees Fahrenheit and Freezer to operate at -10 degrees Fahrenheit.

NSF CONSTRUCTION: The walk-ins provided in the above specifications shall be constructed in accordance with National Sanitation Foundation, Standard No. 7. The NSF approval seal shall be affixed to the serial plate of the walk-in.

QUALITY INSPECTION REQUIREMENTS:

Walk-ins shall be set up at the manufacturer's facility prior to shipment and a quality control inspection performed on the product. A digital photograph of the walk-ins set up at the manufacturer's facility shall be provided for the Food Equipment Contractor's permanent records.

INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS:

The walk-ins shall be supplied with a complete set of installation, operational and maintenance instructions to cover erection of the walk-in, installation operating procedures and routine maintenance schedule.

Bidders must obtain prior approval if not bidding specified items. Any and all variances in construction, design, performance and accessories from the item specified must be submitted in writing to the owner supervisor in addition to detailed manufacturers specifications ten days prior to bid opening.

Successful Bidder:

Please Note: This is a Turn Key Job

**To include removing old walk-in, Cutting Pass-Thru opening in brick wall between new cooler and new freezer.
Provide all labor and materials for Electrical, Refrigeration and Drain Lines.**