

AGENDA ITEM FOR ADMINISTRATIVE MEETING

() Discussion only
(X) Action

FROM (DEPT/ DIVISION): County Counsel

SUBJECT: Courthouse Air Handlers

<p>Background: The County issued an Invitation to Bid to replace six air handlers at the Courthouse. One proposal was received from HMS Commercial Service in the amount of \$574,725. The recommendation from the Administrative Services Department is to award the contract.</p>	<p>Requested Action: Award contract for replacement of the courthouse air handlers to HMS Commercial Service in the amount of \$574,725</p>
---	---

ATTACHMENTS: Bid

Checkoffs:

- () Dept. Head (copy)
- () Budget (copy)
- () Legal (copy)

To be notified of Meeting:
Dan Lonai, Mark Tanner

Scheduled for meeting on: October 6, 2021

Action taken:

BID SHEET

Unless otherwise denoted, an estimated date is to be inserted for Delivery Date.

All prices quoted must include equipment listed below.

Proposer is to submit detailed specifications and illustration sheets showing specific equipment to be furnished under this Bid.

BID for: Courthouse Air Handlers

Purchase price \$574,725.00_____

Bidder certifies delivery will be completed within 250_____ calendar days after date of notice of award. (Equipment lead time included)

Bidder HMS Commercial Service, Inc._____

Address 4103 SE International Way, Suite 300 Milwaukie, OR 97222_____

By (Print) Josh Brister_____

By (Signed) _____

HVAC SERVICE & CONTROLS

Umatilla County- Courthouse

9/20/21

Attn: Mark Tanner

Re: Air Handler Unit Replacements

HMS Commercial Service is pleased to provide you with this proposal to replace (6) aging air handlers throughout the building. AHU-1 & AHU 2 are in the basement. AHU 3, 4, 5 & 6 are in the attic of the 4th floor. AHU 1 & 2 will have heating and cooling coils installed in associated duct work. These coils will be installed in both zones of each air handler. AHU 3, 4, 5 & 6 will have integrated heating and cooling coils. Chilled and hot water pipe will be modified to accommodate the new air handlers. All new handlers will be equipped with BACnet controls and tied into the buildings control system. Duct work associated with air handlers will be power vacuumed. The exposed fiberglass duct insulation in the basement will be replaced with vinyl duct wrap insulation. This process has been discussed on several job walks. More detail will be given to the scope of work in following sections.

Scope of work:

- Provide (6) New Daikin Air Handlers
 - AHU-1 Daikin Modular Vision Air Handler
 - Model Number: CAH018GVCM
 - 7,250 CFM
 - (2) Flanged duct mounted heating coils: one per zone
 - (2) Flanged duct mounted cooling coils: one per zone
 - AHU-2 Daikin Modular Vision Air Handler
 - Model Number: CAH014GVCM
 - 5,500 CFM
 - (2) Flanged duct mounted heating coils: one per zone
 - (2) Flanged duct mounted cooling coils: one per zone
 - AHU-3 Daikin Air Handler
 - Model Number: BCHD0501
 - 4,500 CFM
 - Integrated heating coil
 - Integrated cooling coil
 - AHU-4 Daikin Air Handler
 - Model Number: BCHD0501
 - 4,500 CFM
 - Integrated heating coil
 - Integrated cooling coil
 - AHU-5 Daikin Air Handler
 - Model Number: BCHD0501
 - 4,500 CFM
 - Integrated heating coil
 - Integrated cooling coil
 - AHU-6 Daikin Air Handler
 - Model Number: BCHDD0301
 - 2,750 CFM
 - Integrated heating coil
 - Integrated cooling coil

- Provide (2) fabricated floor mount structures to support air handlers 1 & 2
- Provide all duct modification to accommodate new air handlers
- Provide all schedule 40 steel pipe and fittings to accommodate new heating and cooling coils (isolation valves, triple duty valves/ circuit setter, y-strainers, unions)
- Provide BAC-net controls on (4) air handler (2) air handlers already have new controls
- Provide appropriate sensors to monitor equipment conditions (space, discharge & return air sensors)
- Provide (16) control valves for heat and cooling coils
- Provide graphics of new controls being installed and brought into existing BMS frontend
- Provide new vinyl backed duct wrap insulation on exposed basement duct work
- Provide power vac duct cleaning of associated duct work
 - Duct cleaning completed using truck mounted vacuum that produces 12,000 cfm of vacuum, with a 200 psi air compressor to assist in cleaning process
 - Cut access in ducting as needed & seal with plate after cleaning
 - Clean supply grills, return grills
- Provide mechanical permit
- Demo existing exposed fiberglass duct insulation
- **AHU-1 Install**
- Lock out/ Tag out electrical service to AHU-1
- Disconnect lineside electrical
- Disconnect control electrical
- Disconnect and demo duct work to make adequate space for install
- Remove and dispose of AHU-1
- Remove and dispose of duct mounted cooling coils
- Install pre-fabricated support
- Install new AHU
- Power vac AHU-1 associated duct work
- Install new BAC-net communication cabling to AHU-1
- Install all required control sensors
- Install and program all required control components
- Install (2) new duct mounted heating coils (near existing cooling coils)
- Install (2) new duct mounted cooling coils (near existing cooling coils)
- Install heating and cooling piping modifications to accommodate new configuration
- Install new duct transitions to tie into existing ducting
- Start up new AHU-1
- Provide controls functional testing
- **AHU-2 Install**
- Lock out/ Tag out electrical service to AHU-2
- Disconnect lineside electrical
- Disconnect control electrical
- Disconnect and demo duct work to make adequate space for install
- Remove and dispose of AHU-2
- Remove and dispose of duct mounted cooling coils
- Install pre-fabricated support
- Install new AHU
- Power vac AHU-2 associated duct work
- Install new BAC-net communication cabling to AHU-2
- Install all required control sensors
- Install and program all required control components
- Install (2) new duct mounted heating coils (near existing cooling coils)
- Install (2) new duct mounted cooling coils (near existing cooling coils)
- Install heating and cooling piping modifications to accommodate new configuration
- Install new duct transitions to tie into existing ducting
- Start up new AHU-2
- Provide controls functional testing

- **AHU-3 Install**
- Lock out/ Tag out electrical service to AHU-3
- Disconnect lineside electrical
- Disconnect controls
- Assist in ceiling removal lay out
- Disconnect and demo duct work to make adequate space for install
- Remove control valves and sensors from AHU-3
- Remove and dispose of AHU-3
- Install new AHU-3
- Power vac AHU-3 associated duct work
- Reconnect existing BAC-net controls
- Install heating and cooling piping modifications to accommodate new configuration
- Install new duct transitions to tie into existing ducting
- Start up new AHU
- Provide controls functional testing
- **AHU-4 Install**
- Lock out/ Tag out electrical service to AHU-4
- Disconnect lineside electrical
- Disconnect controls
- Assist in ceiling removal lay out
- Disconnect and demo duct work to make adequate space for install
- Remove control valves and sensors from AHU-4
- Remove and dispose of AHU-4
- Install new AHU-4
- Power vac AHU-4 associated duct work
- Reconnect existing BAC-net controls
- Install heating and cooling piping modifications to accommodate new configuration
- Install new duct transitions to tie into existing ducting
- Start up new AHU-4
- Provide controls functional testing
- **AHU-5 Install**
- Lock out/ Tag out electrical service to AHU-5
- Disconnect lineside electrical
- Disconnect control electrical
- Assist in ceiling removal lay out
- Disconnect and demo duct work to make adequate space for install
- Remove and dispose of AHU-5
- Install new AHU-5
- Power vac AHU-5 associated duct work
- Install new BAC-net communication cabling to AHU-5
- Install all required control sensors
- Install and program all required control components
- Install heating and cooling piping modifications to accommodate new configuration
- Install new duct transitions to tie into existing ducting
- Start up new AHU-5
- Provide controls functional testing

- **AHU-6 Install**
- Lock out/ Tag out electrical service to AHU-6
- Disconnect lineside electrical
- Disconnect control electrical
- Assist in ceiling removal lay out
- Disconnect and demo duct work to make adequate space for install
- Remove and dispose of AHU-6
- Install new AHU-6
- Power vac AHU-6 associated duct work
- Install new BAC-net communication cabling to AHU-6
- Install all required control sensors
- Install and program all required control components
- Install heating and cooling piping modifications to accommodate new configuration
- Install new duct transitions to tie into existing ducting
- Start up new AHU-6
- Provide controls functional testing
- **Miscellaneous**
- Label new equipment & piping
- Install new vinyl back duct insulation in basement
- Install new piping insulation

Exclusions:

- Any line side power modifications
- Any professional engineering if required to obtain permit
- Overtime labor
- Any cut/tape/patch to gain access to AHU space
- Any light removal
- Any sprinkler removal
- Any asbestos abatement
- Any 3rd party air or water balancing
- Any material not mentioned in scope

Your price is: \$574,725.00 Plus Tax

HMS Commercial Service standard warranty of one-year parts and labor will apply to the proposal above.

Please don't hesitate to contact me if you have any further questions in regard to the proposal above.

Thank you,

Josh Brister
Commercial Sales

Acceptance Signature

P. O. if required