

CITY OF GERMANTOWN
ADDENDUM NO.1
COG2021-01 Packaged Unit Replacement

The attached items on the above-named Project will be updated and adjusted (if required) by this Addendum No. 1 so as to reflect the revision to the Request for Bids:

Please use attached revised Bid Form.

Clarifications:

The City currently uses Jones Brothers Tree Service

Current building control system provider – Delta Controls

Drawings:

1. Remove and replace sheet M101 dated September 2, 2020 with attached sheet M101 with revision date 09-24-2020.
2. Remove and replace sheet M201 dated September 2, 2020 with attached sheet M201 with revision date 09-24-2020

In some cases, the above items may be clarifications and further explanations of the Specifications in the Request for Bid. However, any changes to the Specifications will be incorporated in the Contract Documents for this Project. All CONTRACTORS must acknowledge receipt of this Addendum No. 1 on **the attached Addendum Acknowledgement form** when submitting a Bid for consideration.

Lisa A. Piefer
Lisa A. Piefer
Procurement Director

September 24, 2020
Date

ADDENDA ACKNOWLEDGEMENT FORM

Bidder acknowledges receipt of the following addenda (as applicable):

Addendum No. 1 _____ Dated _____

Addendum No. 2 _____ Dated _____

Addendum No. 3 _____ Dated _____

Addendum No. 4 _____ Dated _____

Addendum No. 5 _____ Dated _____

Addendum No. 6 _____ Dated _____

(Name of Bidder)

By: _____

Title: _____

BID

Bid of:

(Name of Bidder)

(Address of Bidder)

organized and existing under the laws of the State of _____ and doing business as _____ (indicate: "a corporation", "a partnership", "an individual", a "limited liability company" or otherwise, as applicable).

To: City of Germantown - Owner
City Procurement Director
1930 South Germantown Road
Germantown, Tennessee 38138

In compliance with your ADVERTISEMENT FOR BIDS, BIDDER hereby proposes to furnish all necessary labor, machinery, tools, apparatus, materials, equipment, services, and other necessary supplies in strict accordance with the terms and conditions of the plans, specifications and CONTRACT DOCUMENTS within the number of consecutive calendar days and at the prices set forth below for the construction of:

Project: COG2021-01 Packaged Unit Replacement

By submitting this BID, BIDDER certifies that this BID has been arrived at independently without consultation, communication or agreement as to any matter relating to this BID with any other BIDDER or with any other competitor.

BIDDER agrees, upon receipt of the NOTICE OF AWARD accompanied by the CONTRACT AND AGREEMENT (C & A) and all required attachments, to cause same to be properly executed and returned to the CITY OF GERMANTOWN within fifteen (15) days thereafter. BIDDER further agrees, upon receipt of the NOTICE TO PROCEED, (i) to commence work on the PROJECT not later than the last date stated in the Notice to Proceed as to which the BIDDER may commence to proceed, and (ii) to complete the PROJECT within ninety days (90) consecutive calendar days after such date; otherwise, to pay the CITY OF GERMANTOWN as liquidated damages the sum of two hundred fifty dollars (\$250.00) for each consecutive calendar day thereafter as provided in the GENERAL PROVISIONS; and (iii) to complete all Punch List items within ten (10) consecutive calendar days after the date of Substantial Completion, as such date is determined by the CITY, otherwise, the BIDDER agrees that the CITY may use any remaining retainage to complete all Punch List items. BIDDER acknowledges receipt of addenda(s) No. _____.

BIDDER agrees to perform all work described in the CONTRACT DOCUMENTS for the following unit price or lump sum:

BID FORM

Item	Description	Unit	Quantity	Unit Price	Total Price	
1	Work includes all necessary mechanical and electrical work required to remove the existing packaged unit and install new packaged unit per bid specifications in COG2021-01. UNIT MAKE: _____	LS	1			
2	Tree trimming and/or tree removal as necessary.				Allowance	\$3,000.00
				Total Base Bid		

TOTAL BASE BID PRICE, IN WORDS:

_____ DOLLARS AND _____ CENTS (\$ _____ . _____)

The City reserves the right to purchase any and/or all items in this bid off the current State of Tennessee Statewide or Cooperative Contract, if it is considered by the Procurement Director to be in the best interest of the City. For any company that participates in a cooperative/state contract please provide cooperative/state pricing, or best pricing.

Name Cooperative Contract: _____

Cooperative Contract # _____

State Wide Contract # _____

ALTERNATE NO. 1

Item	Description	Unit	Quantity	Unit Price	Total Price
1	Install new fence around unit.	LS	1		
				Total Alternate No. 1 Bid	

TOTAL ALTERNATE NO. 1 BID PRICE, IN WORDS:

_____ DOLLARS AND _____ CENTS (\$ _____ . _____)

Notes: The Contractor shall have 10 years experience working with Packaged Unit removal and installation that must maintain operations during installation, references for similar projects shall be provided upon request by the City. The City may also request Contractor and/or subcontractor personnel resumes. Contractor shall have the logistical expertise to secure the area of work so that patrons are not in harm's way. Contractor shall be responsible for all measures to secure the construction perimeter and control dust and debris.

Submitted By:

(Name of Bidder) (Printed)

Signature: _____

Title: _____

Address: _____

Telephone No.: _____

Fax No.: _____

(Date Bid Submitted)

License Number

License Type

Date of Expiration of License

Monetary Limit

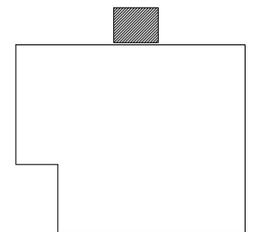


HNA ENGINEERING

11880 Cranston Dr. Ste. 104
Arlington, TN 38002
901.290.6377
www.HNAengineering.com

Consultants

Keyplan



Project
**PACKAGED UNIT
REPLACEMENT
GERMANTOWN
ECONOMIC
DEVELOPMENT
BUILDING**

1920 SOUTH GERMANTOWN ROAD
GERMANTOWN, TN 38138

Sheet Name
**FLOOR PLAN -
MECHANICAL**



DO NOT SCALE DRAWINGS.
Use given dimensions only. If not shown, verify correct dimensions with Engineer.
Contractor shall check and verify all dimensions and conditions at job site.

Revision #	Description
1	Addendum 1 - 09-24-2020

Issued For
CONSTRUCTION DOCUMENTS

Project No.
19141

Date
SEPTEMBER 2, 2020

Scale
As Noted

Sheet

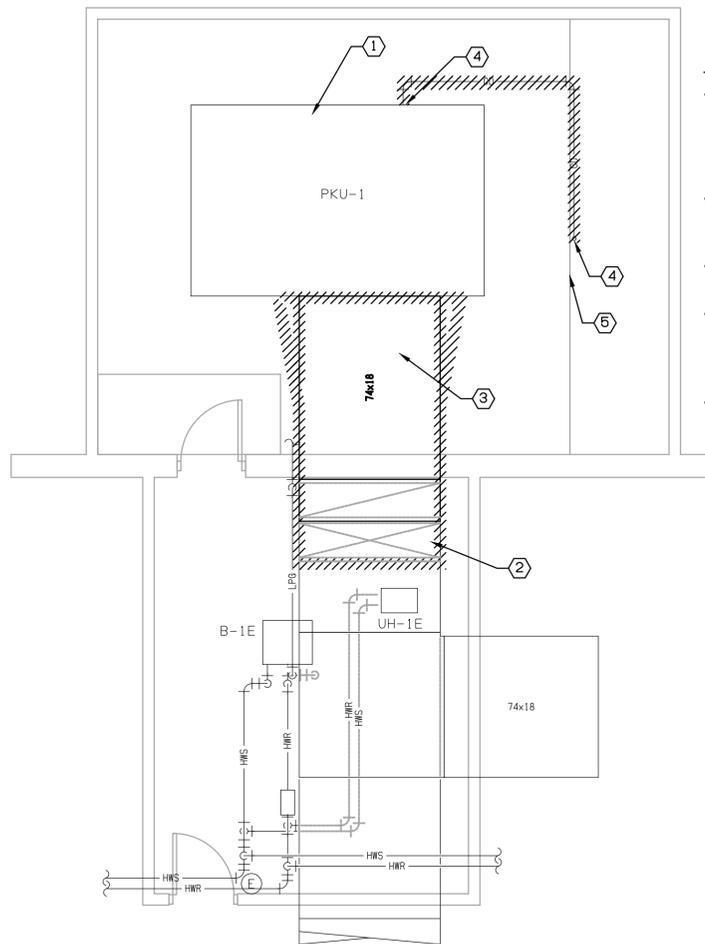
M101

GENERAL NOTES:

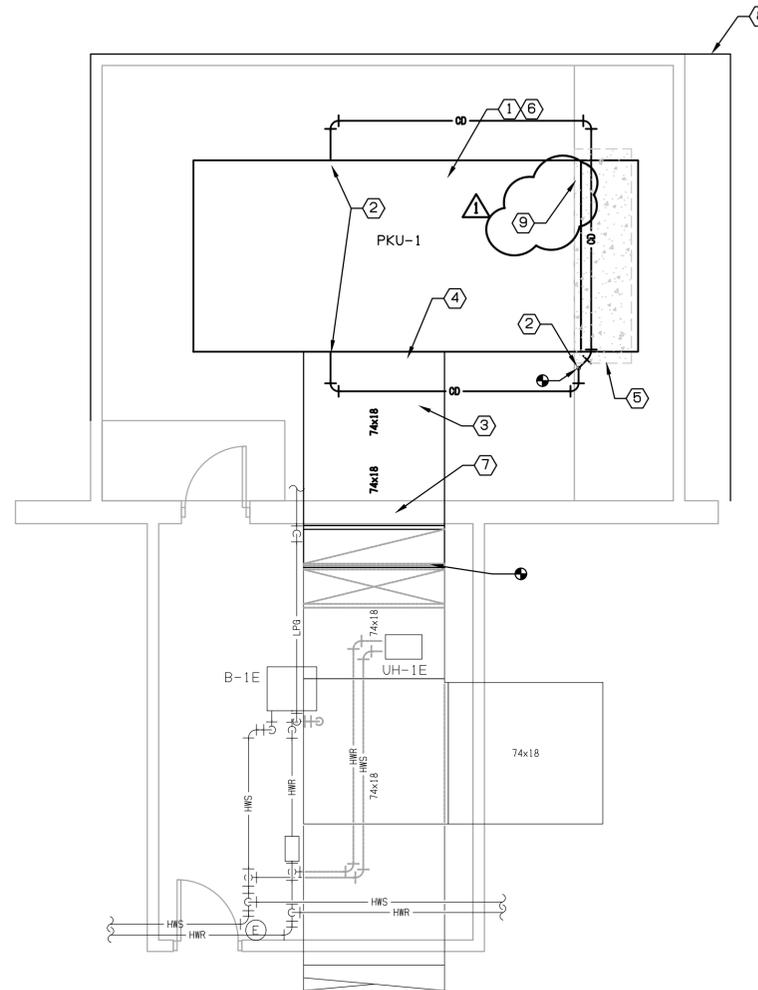
1. PRIOR TO DEMOLITION MEASURE SA, RA, AND OA CFMS AT PKU-1.

KEY NOTES:

- 1 REMOVE EXISTING PKU AS INDICATED. REMOVE ALL RELATED PIPING, DUCTS, ELECTRICAL, CONTROLS, ETC. AS REQUIRED FOR REMOVAL OF EXISTING UNIT AND INSTALLATION OF NEW UNIT.
- 2 REMOVE EXISTING SAD AND RAD FROM EXISTING UNIT LOCATION BACK INTO BUILDING WHERE DUCTS TURN UP.
- 3 REMOVE EXISTING METAL GRATE OVER TOP OF DUCTS.
- 4 REMOVE EXISTING CD PIPING FROM UNIT CONNECTION BACK TO CONNECTION AT STUB UP FROM PIPING BELOW GRADE. REMOVE STUB UP DOWN TO BELOW GRADE.
- 5 REMOVE PORTION OF METAL GRATE FOR INSTALLATION OF NEW CONCRETE. SEE 2/M101 FOR MORE INFORMATION.



1 DEMO FLOOR PLAN - MECHANICAL
1/4" = 1'-0"



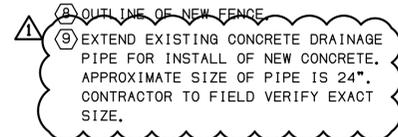
2 FLOOR PLAN - MECHANICAL
1/4" = 1'-0"

GENERAL NOTES:

1. COORDINATE EXACT LOCATION OF ALL NEW WORK WITH ALL EXISTING CONDITIONS. OFFSET/EXTEND NEW WORK AS REQUIRED TO AVOID CONFLICTS WITH EXISTING CONDITIONS.
2. UNDER ALTERNATE #1, REMOVE EXISTING FENCE AND INSTALL NEW AS SHOWN. PROVIDE 4x4 TREATED WOOD POSTS AT 8'-0" ON CENTER, CEDAR WOOD PICKETS, TREATED 2x4 RUNNERS (1 AT TOP, 1 AT MIDDLE, 1 AT BOTTOM), AND 2x8 CEDAR WOOD TOP CAP. SET POSTS IN FOOTING. FOOTING SHALL BE 18" IN DIAMETER AND 3'-0" DEEP WITH 4000 PSI CONCRETE.

KEY NOTES:

- 1 INSTALL NEW PKU ON NEW 24" HIGH PLENUM CURB.
- 2 CONNECT NEW 1" CD PIPING TO UNIT CD CONNECTION. ROUTE 1-1/2" TO NEW STUB UP FROM BELOW GRADE PIPING. EXTEND EXISTING PIPING BELOW GRADE TO NEW LOCATION AS SHOWN. INSTALL NEW DEEP SEAL TRAP BELOW GRADE.
- 3 INSTALL NEW METAL GRATE WALK PLATFORM OVER NEW DUCTS. PAINT METAL FLAT BLACK.
- 4 ROUTE NEW SAD AND RAD FROM PLENUM CURB THRU EXISTING WALL TO EXISTING SAD AND RAD IN MECHANICAL ROOM. REPAIR EXTERIOR WALL TO MATCH EXISTING CONDITIONS. PENETRATIONS SHALL BE SEALED WEATHER TIGHT. ALL NEW EXTERIOR DUCTS SHALL BE INSULATED WITH A MINIMUM R-8 INSULATION AND WRAPPED WITH ALUMINUM JACKET.
- 5 NEW CONCRETE FOR UNIT SUPPORT.
- 6 INSTALL NEW CONTROLLER IN UNIT FOR CONNECTION TO EXISTING DELTA CONTROLS SYSTEM.
- 7 REPAIR WALL AS REQUIRED TO MATCH EXISTING CONDITIONS AND MAKE WEATHER-TIGHT.
- 8 OUTLINE OF NEW FENCE.
- 9 EXTEND EXISTING CONCRETE DRAINAGE PIPE FOR INSTALL OF NEW CONCRETE. APPROXIMATE SIZE OF PIPE IS 24". CONTRACTOR TO FIELD VERIFY EXACT SIZE.



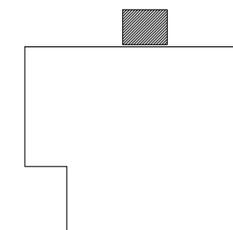


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Keyplan



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**PACKAGED UNIT
REPLACEMENT
GERMANTOWN
ECONOMIC
DEVELOPMENT
BUILDING**

1920 SOUTH GERMANTOWN ROAD
GERMANTOWN, TN 38138

Sheet Name
**DETAILS AND SCHEDULES
- MECHANICAL**



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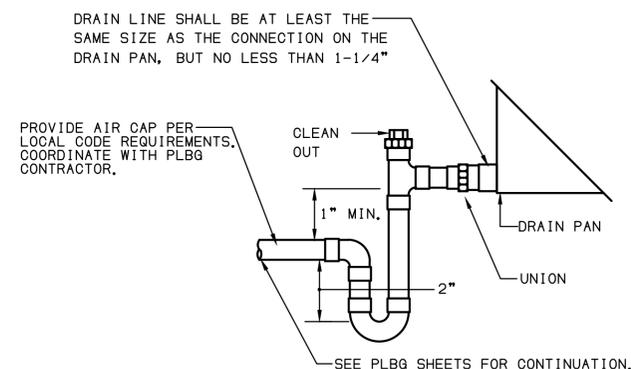
Date
SEPTEMBER 2, 2020

Scale

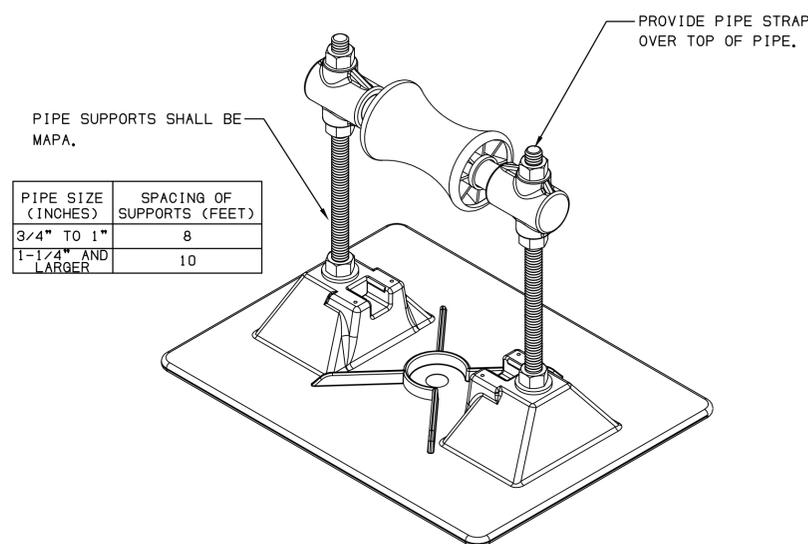
As Noted

Sheet

M201



1 CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE



2 PIPING SUPPORT DETAIL
NOT TO SCALE

PACKAGED UNIT SCHEDULE															
GENERAL DATA					ELECTRICAL DATA					DX COOLING COIL DATA					
MARK	SA CFM	OSA CFM	EXT SP IN. WG	SEER/EER	SUPPLY MOTOR HP	EXHAUST MOTOR HP	MCA	MOOP	VOLTS/PHASE	REFRIGERANT	ENT AIR TEMP		SENSIBLE BTU/HR	TOTAL BTU/HR	COMMENTS
											' Fdb	' Fwb			
PKU-1	13,580	980	3.0	10.3 EER	20	10	122	125	460/3	R-410A	80	67	300,620	418,670	1 2

- 1 PKU TO BE AAOB RN-040-3-0-BB04 OR EQUAL BY TRANE OR DAIKIN. PROVIDE FACTORY INSTALLED TERMINAL BLOCKS FOR FIELD INSTALLED DELTA CONTROLS PACKAGE, SINGLE POINT ELECTRICAL CONNECTION, 24" HIGH PLENUM CURB, INTEGRAL DISCONNECT, 0-100% DUAL ENTHALPY ECONOMIZER WITH POWERED EXHAUST WITH VFD AND SHAFT GROUNDING RING, BUILDING MULTI-ZONE VAV, SUPPLY FAN VFD WITH BYPASS AND SHAFT GROUNDING RING, HOT GAS BYPASS LEAD STAGE, 4 STAGES OF COOLING, VFD CONDENSER FAN FOR HEAD PRESSURE CONTROL, PHASE AND BROWN OUT PROTECTION, STAINLESS STEEL DRAIN PANS, HAIL GUARDS, HINGED ACCESS DOORS, AND CONDESATE LEVEL MONITORING DEVICE.
- 2 ELECTRICAL CONTRACTOR TO PROVIDE AND WIRE SUPPLY AND RETURN DUCT SMOKE DETECTORS. WIRING SHALL INCLUDE, BUT NOT LIMITED TO WIRING BETWEEN DETECTOR AND UNIT AND WIRING BETWEEN DETECTOR AND FIRE ALARM PANEL. MECHANICAL CONTRACTOR TO MOUNT DETECTORS.