Canadian	County, Oklahoma
COUNTY PURCE	HASING OFFICE
Canadian	County Court House
El Reno	, Oklahoma
Dhama: (405) 295-61	

INVITATION TO BID

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE SIDE RELATING TO SUBMISSION OF THIS BID.

DATE ISSUED February 27, 2017 Page 1 of 2

Notarized Affidavit completions and signature required on reverse side. BID NUMBER HVAC Replacement / BID CLOSING DATE AND HOUR REQUIRED DELIVERY DATE SEE SPECIFICATIONS #2017-#10 **County Commissioners** March 27, 2017 at 9:30am Days after award of Purchase Order

DATE OF DELIVERY: SEE SPECIFICATIONS **TERMS** Net, FOB Bids will be received beg. 9:30am Tuesday March 21, until March 27, 2017 @ 9:30am UNIT OF ITEM QUANTITY DESCRIPTION **UNIT PRICE** TOTAL ISSUE Canadian County Commissioners are seeking bids for a HVAC Replacement for the Canadian County Administrative Office Building. Base Bid Specifications attached. The Board of Canadian County Commissioners reserve the right to reject any and all bids or to award all or any portion of the items bid. All data will be considered in the awarding of the bid including the delivery time. The terms & conditions of this document must be completed and returned or the bid will be rejected. Contact person: John Johnson, Chief of Staff 201 N Choctaw El Reno, OK 73036 (405) 295-6201 APPROVED Date Department Head STATE OF OKLAHOMA

CANADIAN COUNTY FILED OR RECORDED

FEB 2 7 2017

SHERRY MURRAY COUNTY CLERK

170124

TERMS AND CONDITIONS

1.	Sealed bids will be opened in the Commission	er's Confere	ence Room Canadian	
	Sealed bids will be opened in the Commission County Courthouse, 201 N. Choctaw Avenue invitation to bid form.	, El Reno	Oklahoma, at the	time and date shown on the
2.	Late bids will not be considered. Bids must be and closing date written on the outside of the	received in s envelope.	sealed envelopes (one to an	envelope) with bid number
3.	Unit prices will be guaranteed correct by the b	oidder.		
4.	Firm prices will be F.O.B. destination.			
5.	Purchases by Canadian	Cou	inty, Oklahoma, are not subj	ject to state or federal taxes.
6.	This bid is submitted as a legal offer and any l	bid when ac	cepted by the County cons	titutes a firm contract.
7.	Oklahoma laws require each bidder submitti sworn statement of non-collusion. A form is su	ing a bid to upplied belo	a county for goods or serv	rices to furnish a notarized
8.	Bids will be firm until 04/27/2017 (DATE)			
or woof s of s mor paid othe trac	by the bidder to submit the above bid. Affiant full ong bidders in restraint of freedom of competity with any state official or employee as to quantifiated prospective contract; or in any discussionate or other thing of value for special considered, given or donated or agreed to pay, give or the entity) any money or other thing of value, eat pursuant to this bid. Cribed and sworn before this	ion by agre ity; quality on the between the ation in the donate to a	ement to bid at a fixed price or price in the prospective of pidders and any state official letting of a contract; that the any officer or employee of the	e or to refrain from bidding; contract or any other terms al concerning exchange of he bidder/contractor has not the State of Oklahoma (or
		(0541)	•	
of _	, 20	(SEAL)	`	
My c	ommission expires	Signed by:	(Manual Signature of Undersigned)	Title:
	NOTARY PUBLIC (CLERK OR JUDGE)	Address:		Phone:
	No milit i oblio (olem on obsol)	City:		_ State:
				Zip:
Can	ase mail sealed bids to: ladian County Clerk's Office	in the same of		ΣΙΡ
PO	: Purchasing Box 458 Reno, OK 73036			
201 El F .™:	Net Address: N Choctaw Avenue Reno, OK 73036 PHALIXO BOBLANAD AUGO MADDAMAD INCORP ROCESTE: Other terms and conditions	can be addec	I at the discretion of the county o	officers.
	1100 1 6 033			
	AAN DAM ARMANS CRBUST Y HOUCO			



Bid Specifications

Date Issued:

February 27, 2017

Bid Number:

2017-#10

Closing Date:

March 27, 2017 at 9:30am

PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036

Opening Date:

March 27, 2017 at 9:30am

Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

~ SPECIFICATIONS~

HVAC Replacement / County Commissioners

Canadian County Commissioners are seeking bids for a HVAC Replacement for the Canadian County Administrative Building located at 201 N. Choctaw, El Reno, Oklahoma.

Bids will be received beginning at 9:30am on Tuesday, March 21 until 9:30am on Monday, March 27, 2017.

For an appointment to look at the building please call John Johnson @ 405-295-6201.

- Project will be completed ninety (90) days or less from time of notification of award and will be installed to state and local codes.
- Contractor will be responsible for all electrical and gas connections, all lifting devices, miscellaneous supplies, manpower and clean-up.
- Contractor will provide equipment brand names and model numbers when quoting for this bid.
- Any electrical work necessary to provide power to the HVAC System shall be considered incidental to the project and any cost shall be included in the bid.

Bids shall include:

A certified check, cashier's check or bid bond equal to five percent (5%) of the bid, which shall be deposited with the
awarding public agency as a guaranty; or

An irrevocable letter of credit terms the Construction and Properties Division of the Office of Management and Enterprise Services prescribes, issued by a financial institution insured by the Federal Deposit Insurance Corporation or the Federal Savings and Loan Insurance Corporation for the benefit of the state, on behalf of the awarding public agency, in an amount equal to five percent (5%) of the bid. The awarding public agency shall deposit the irrevocable letter of credit with Division.

- Non Collusion Affidavit
- Business Relationships Affidavit

Awarded vendor shall provide:

- Contract
- Payment/Performance Bond
- Insurance -- Contractor must provide evidence of public liability and workers' compensation insurance during construction in reasonable amounts.

(Please review Title 61 O.S. § 101-138 for full disclosure)

Specifications:

See Specifications Attached

Special Notation:

Brand names, specific detailed items or specific manufactures are for informational purposes only and you may offer any brand or use any manufacturer that meets or exceeds the specifications.

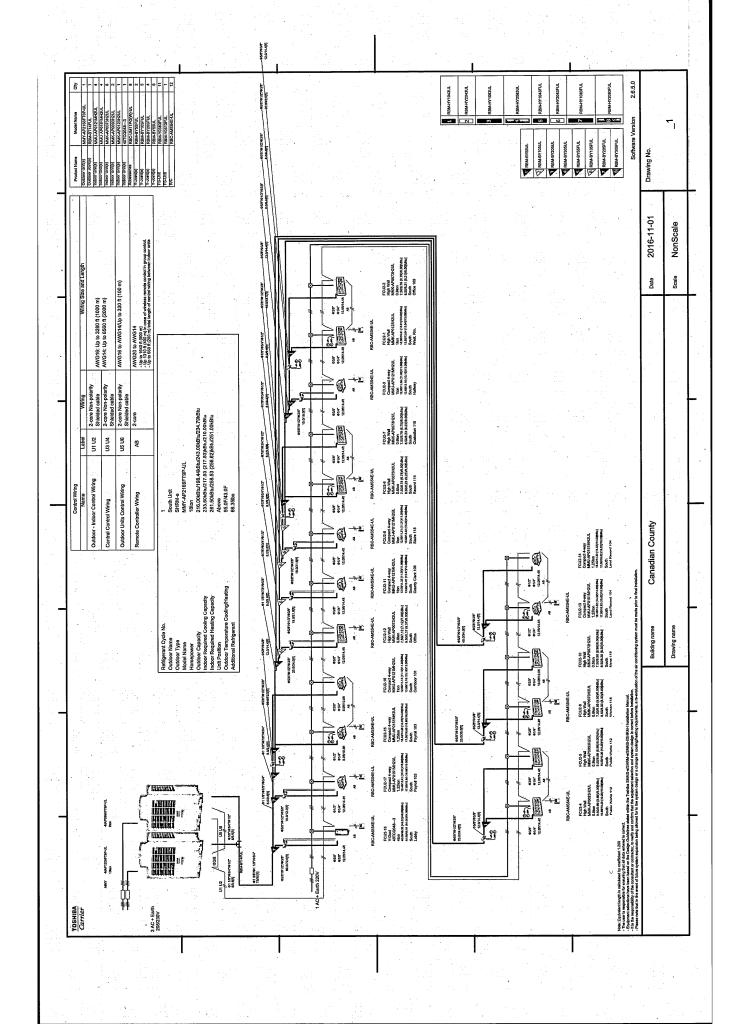
For Information Contact:

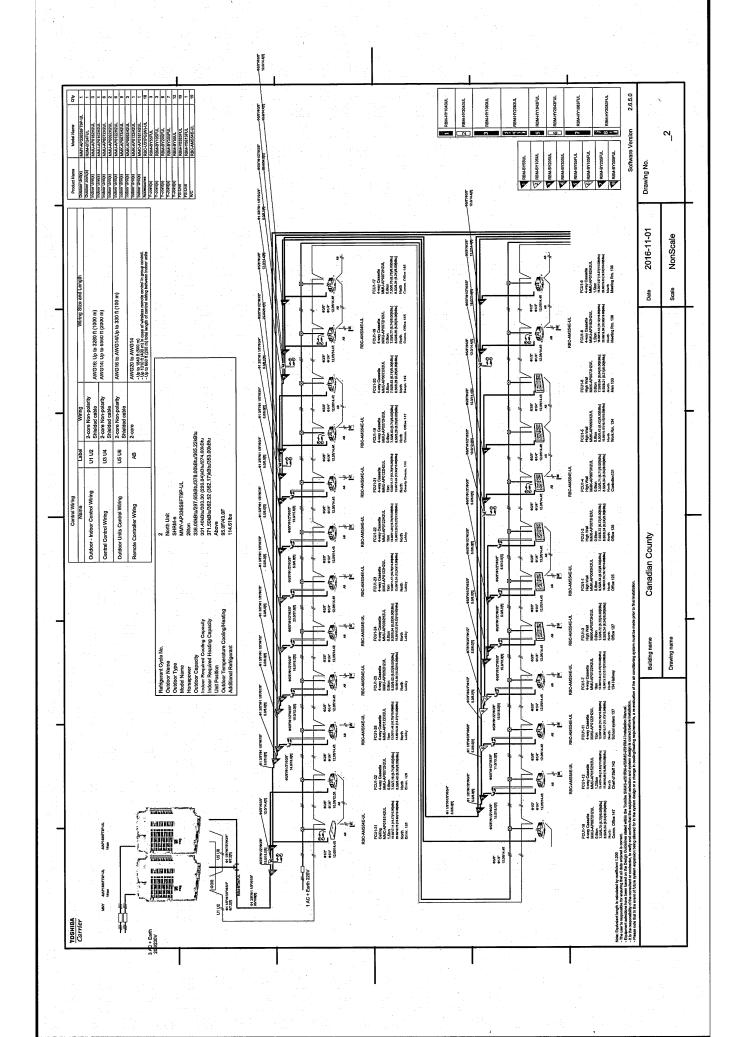
John Johnson, Chief of Staff

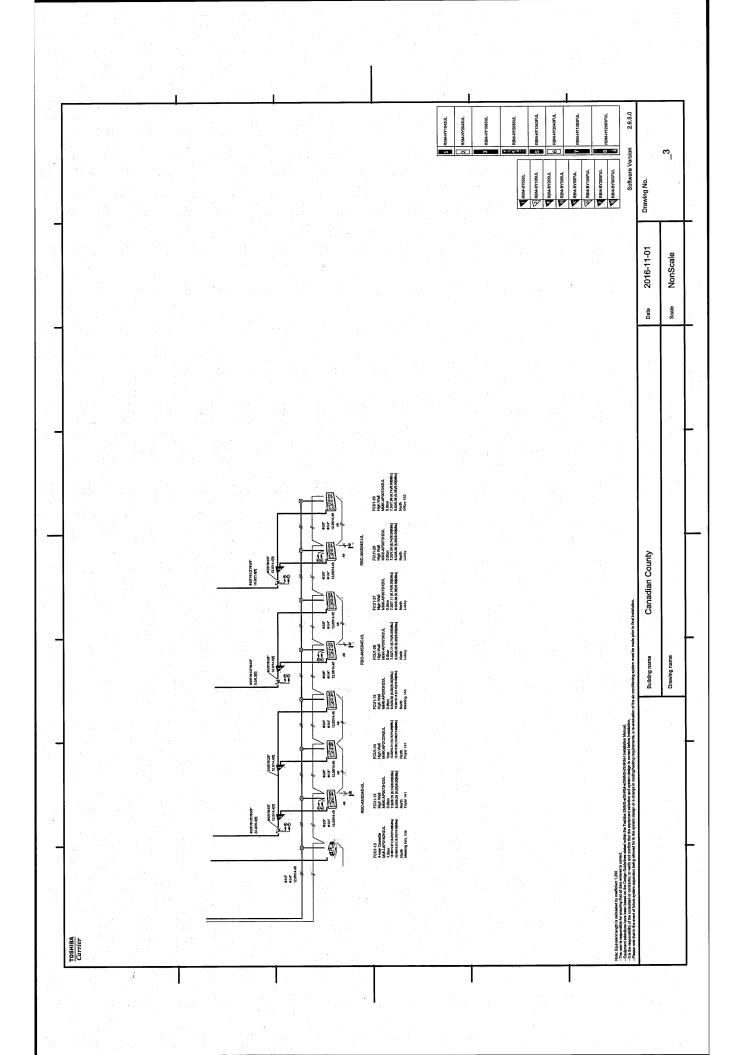
Phone: (405) 295-6201

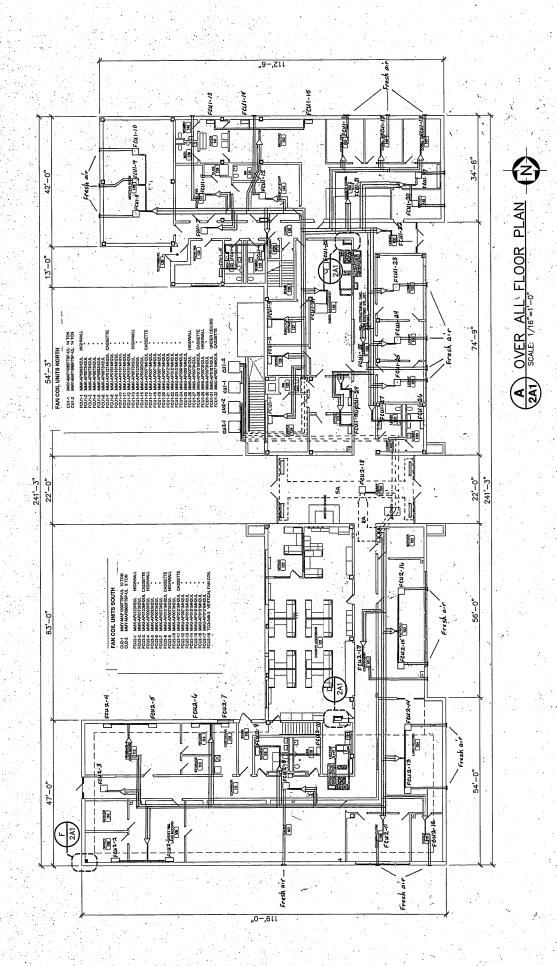
Hours: Monday - Friday 8:00am to 4:30pm

Address: 201 N. Choctaw, El Reno, OK 73036









TOSHIBA Carrier

Project Information

Central Control Devices

Toshiba VRF Piping Selection Tool Report 2/16/2017



Version 2.6.5.0 **Project Name** Canadian County System Type Customer Name Address SHRM-e Ezell's Refrigeration unknown 1/23/2017 1/23/2017 Installer Installer
Installation Date
Commissioning Date **Equipment List Outdoor Units** Model Name MMY-AP336S6FT9P-UL MMY-AP2166FT9P-UL Type SHRM-e SHRM-e Indoor Units Indoor Units
Type.
4-Way Cassette, 18k Btu
4-Way Cassette, 15k Btu
4-Way Cassette, 7k Btu
4-Way Cassette, 9k Btu
4-Way Cassette, 9k Btu
4-Way Cassette, 12k Btu
Compact 4-Way Cassette, 12k Btu
Compact 4-Way Cassette, 15k Btu
High Wall, 7k Btu
High Wall, 7k Btu
High Wall, 12k Btu
Vertical AHU, 48k Btu
Undercelling, 18k Btu Model Name MMU-AP0182H2UL MMU-AP0152H2UL MMU-AP0072H2UL MMU-AP0092H2UL MMU-AP0122H2UL Quantity 1 6 2 6 4 4 15 5 2 1 MMU-AP0121MH2UL MMU-AP0151MH2UL MMK-AP0073H2UL MMK-AP0093H2UL MMK-AP0123H2UL 40TCQ048---3 MMC-AP0181H2UL **Outdoor Connection Kits** Outdoor Heat Recovery Connection Kit (Connection kit for twined system with capacity less than 247KBtu/h) Outdoor Heat Recovery Connection Kit (Connection kit for twined system with capacity more than 247KBtu/h) Model Name RBM-BT14FUL 1 RBM-BT24FUL 1 Y-joints Y-Joins
Type
Y-Branch for Heat Recovery (below 61k BTU)
Y-Branch for Heat Recovery (1-135k BTU)
Y-Branch for Heat Recovery (136-238k BTU)
Y-Branch for Heat Recovery (above 239k BTU)
Y-Branch for Heat Pump (below 61k BTU) Model Name RBM-BY55FUL RBM-BY105FUL RBM-BY205FUL RBM-BY305FUL Quantity 8 10 RBM-BY55UL Header Model Name Туре.... Quantity Accessories Accessories
Type
Cassette Grille (Required)
Compact Cassette Grille (Required)
Flow Selector (below 38k BTU)
Flow Selector (38-60k BTU)
Wired Remote Controller
Supports up to 8 ID Units Model Name RBC-U31PG(W)-UL RBC-UM11PG(W)-UL RBM-Y0383FUL 8 30 2 RBM-Y0613FUL RBC-AMS54E-UL 31

Туре	Model Name			***************************************	***************************************	Quantity	***************************************	************************	
Piping Length - Project Totals	······								
(in) Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft)	φ1/4 578 - 578	φ3/8 1393 473(0/473) 920	φ1/2 863 797(692/105) 66	φ5/8 938 920(0/920) 18	φ3/4 194 66(66/0) 128	φ7/8 229 109(51/58) 120	φ1 1/8 274 274(215/59)	φ1 3/8 215 215(0/215)	φ1 5/8
Refrigerant Change Amount(Additional F Total (lbs)	tefrigerant Required) - Projection 180.96	t Total	,	•••••	•••••••••••••••••••••••••••••••••••••••		•••••••••••••••••••••••••••••••••••••••		
Outdoor Design Temperature Cooling Heating	95c 43c	deg (F) deg (F)	(Dry Bulb) (Wet Bulb)				•••••••••••••••••••••••••••••••••••••••		
System Information Ref. Cycle Number Ref. Cycle Name System Type				1 South Unit SHRM-e					
Outdoor Unit Model Name					· · · · · · · · · · · · · · · · · · ·				·

Model Name Header Unit MMY-MAP1206FT9P-UL

Follower Unit1 MMY-MAP0966FT9P-UL

Follower Unit2

Nominal Capacity (kBtu) 216 243

Corrected Capacity (kBtu) 198.44 234.79

Capacity Cooling Heating Diversity

109%

Location	Above								
Indoor unit(s)									
Model Name	Capacity Code		ited y (kBtu) Total		Corrected pacity (kBtu) Total	Requ Capacity Sensible		Fan Speed	Quantity
MMK-AP0123H2UL	1	8.33	12	7.50	10.81 (10.81)	7	10		***************************************
	Heating		13.5		13.04 (13.04)	•	13	Hìgh	1
MMK-AP0073H2UL	0.6	5.8	7.5	5.23	6.76 (6.76)	5	6		
	Heating		8.5		8.21 (8.21)	-	8	High	1
MMU-AP0121MH2UL	1	8.33	12	7.67	11.05 (11.05)	7	11		
	Heating		13.5		13.15 (13.15)		13	High	1
MMK-AP0093H2UL	0.8	6.79	9.5	6.21	8.69 (8.69)	6	8		
	Heating		10.5		10.20 (10.20)		10	High	1
MMK-AP0093H2UL	0.8	6.79	9.5	6.21	8.69 (8.69)	6	8		
	Heating		10.5		10.20 (10.20)		10	Hlgh	1
MMK-AP0073H2UL	0.6	5.8	7.5	5.24	6.78 (6.78)	5	6		
	Heating		8.5		8.23 (8.23)		8	High	1
MMK-AP0073H2UL	0.6	5,8	7.5	5.24	6.78 (6.78)	5	6		_
	Heating		8.5		8.23 (8.23)		8	Hìgh	1
MMU-AP0121MH2UL	1	8.33	12	7.78	11.21 (11.21)	7	11		
	Heating		13.5		13.22 (13.22)		13	Hìgh	1
MMK-AP0073H2UL	0.6	5.8	7.5	5.37	6.95 (6.95)	5	6		_
	Heating		8,5		8.30 (8.30)		8	High	1
MMK-AP0073H2UL	0.6	5.8	7.5	5.38	6.96 (6.96)	5	6	18-6	
	Heating		8.5		8.30 (8.30)		8	High	1
MMU-AP0121MH2UL	1	8.33	12	7.88	11.35 (11.35)	8	11	1.0-6	
	Heating		13.5		13.27 (13.27)		13	High	1
MMU-AP0151MH2UL	1.25	10.61	15.4	9.87	14.32 (14,32)	9	14	Illah	
	Heating		17		16.62 (16.62)		16	High	1
MMU-AP0151MHZUL	1.25	10.61	15.4	9.87	14.32 (14.32)	9	14	High	1
									-

MMU-AP0151MH2UL	Heating 1,25	10.61	17 15.4	9.84	16.62 (16.62) 14.28 (14,28)	q	16 14	920000000	70
MMU-AP0121MH2UL	Heating 1	8.33	17 12	7.73	16.60 (16.60) 11.13 (11.13)	7	16 11	High	1
	Heating		13.5		13.18 (13.18)		13	High	1,
MMU-AP0151MH2UL	1.25 Heating	10.61	15.4 17	10.34	15.01 (15.01) 16.88 (16.88)	10	15 16	High	1
40TCQ0483	4	32.06	48	30.27	45.32 (45.32)	30	46	High	1
MMK-AP0073H2UL	Heating 0.6	5.8	54 7.5	5.51	55.91 (54.00) 7.12 (7.12)	5	54 7	•	-
	Heating	4	8.5	5.55	8.37 (8.37)	•	8	High	1
Outdoor Connection Kits									
Type Outdoor Heat Recovery Connection Kit (Connection kit	Model Name		•••••••••••			Quantity			
for twined system with capacity less than 247KBtu/h)	RBM-BT14FUL					1			
Y-joints									
Type Y-Branch for Heat Recovery (below 61k BTU)	Model Name RBM-BY55FUL			••••••••••••		Quantity		***************************************	
Y-Branch for Heat Recovery (61-135k BTU)	RBM-BY105FUL					5			
Y-Branch for Heat Recovery (136-238k BTU)	RBM-BY205FUL					4			
Y-Branch for Heat Pump (below 61k BTU)	RBM-BY55UL					6			
Header	Madel Nesse					Quantity			
Туре	Model Name		• . • . • . • . • . • . • . • . • . • . • • . • • . • • . • • . • • . • • . • • . • • . • • . • • . • . • • . • • . • . • . • • . • • . • • . • • . • • . •	••••••••••		Quantity	***************************************	***************************************	***************************************
Accessories	Model Name					O th.			
Type Compact Cassette Grille (Required)	RBC-UM11PG(W)-UL		•(••••	•••••••••••••		Quantity 8		*******************	
Flow Selector (below 38k BTU)	RBM-Y0383FUL					11			
Flow Selector (38-60k BTU)	RBM-Y0613FUL					1			
Wired Remote Controller	RBC-AMS54E-UL					12			
Wired Remote Controller Supports up to 8 ID Units	RBC-AMS54E-UL					12			
Wired Remote Controller	RBC-AMS54E-UL p1/4	ф3/8	φ1/2	φ5/8	φ3/4		φ1 1/8	φ1 3/8	ф1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length (In) Total (ft)	φ1/4 196	622	488	479	φ3/4 147	φ7/8 72	φ1 1/8 107	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft)	φ1/4 196 -	622 151(0/151)	488 432(387/45)		147 56(56/0)	φ7/8 72 72(24/48)	φ1 1/8		φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft)	ф1/4 196 - 196	622	488	479	147	φ7/8 72	φ1 1/8 107	75	ф1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft)	ф1/4 196 - 196	622 151(0/151)	488 432(387/45)	479	147 56(56/0)	φ7/8 72 72(24/48)	φ1 1/8 107	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length (in) Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs)	φ1/4 196 - 196 ant Required)	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length (in) Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MOCP (A)	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric Information(Outdoor Unit(s)) MCCP (A) MCA (A)	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 79.60(45.40 + 34.20)	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length (in) Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MOCP (A)	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric information(Indoor Unit(s))	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 79.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MCCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric Information(Indoor Unit(s)) Total MCA (A)	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric information(Indoor Unit(s))	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 79.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length (in) Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (bs) Electric Information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric Information(Indoor Unit(s)) Total MCA (A) Protection Device size (A)	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45)	479	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric information(Indoor Unit(s)) Total MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) System Information	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45) 56	479 471(0/471) 8	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric Information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric Information(Indoor Unit(s)) Total MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) System Information Ref. Cycle Number	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45) 56	479 471(0/471) 8	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MCCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric Information(Indoor Unit(s)) Total MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) System Information Ref. Cycle Number Ref. Cycle Number Ref. Cycle Name	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45) 56	479 471(0/471) 8	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric information(Indoor Unit(s)) Total MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) System Information Ref. Cycle Number Ref. Cycle Number Ref. Cycle Name System Type	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45) 56	479 471(0/471) 8	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric Information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric information(Indoor Unit(s)) Total MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) System Information Ref. Cycle Number Ref. Cycle Number Ref. Cycle Name System Type Outdoor Unit	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45) 56	479 471(0/471) 8	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8
Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric information(Indoor Unit(s)) Total MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) System Information Ref. Cycle Number Ref. Cycle Number Ref. Cycle Name System Type	φ1/4 196 - 196 ant Required) 66,3531	622 151(0/151) 471	488 432(387/45) 56	479 471(0/471) 8	147 56(56/0) 91	φ7/8 72 72(24/48) 0 90.00(50.00 + 40.00) 979.60(45.40 + 34.20) 90	φ1 1/8 107 107(75/32)	75	φ1 5/8

MMY-MAP1686FT9P-UL

MMY-MAP1686FT9P-UL

Capacity Cooling Heating

99%

Diversity Location

Above

		Capacity	Rat			Corrected	Requ		Fan	
Model Name	Code	Capacity Sensible	y (kBtu) Total	Cap Sensible	acity (kBtu) Total	Capacity Sensible	/ (kBtu) Total	Speed	Quantity	
K-AP0093H2UL		0.8	6.79	9,5	6.10	8.54 (8.53)	5	8		•••••••••••
		Heating	••	10.5		10.19 (10.19)		10	Hìgh	1
K-AP0073H2UL		0.6	5.8	7.5	5.20	6.72 (6.72)	4	6	Link	1
		Heating		8.5		8.24 (8.24)		8	High	1
K-AP0073H2UL		0.6	5.8	7.5	5.20	6.72 (6.72)	4	6	High	1
		Heating		8.5		8.24 (8.24)		8	riigii	•
K-AP0073H2UL		0.6	5.8	7.5	5.19	6.71 (6.71)	5	6	High .	1
		Heating		8.5		8.24 (8.24)	_	8	11.9.7	-
K-AP0073H2UL		0.6	5.8	7.5	5.13	6.64 (6.64)	5	6	High	1
		Heating		8.5		8.21 (8.21)	_	8		_
K-AP0093H2UL		0.8	6.79	9.5	6.02	8.42 (8.42)	5	8	High	1
		Heating		10.5		10.15 (10.15)	_	10	•	
J-AP0122H2UL		1	8.67	12	7.83	10.84 (10.78)	7	10	High	1
		Heating		13.5	44.50	13.12 (13.12)		13		
U-AP0182H2UL		1.5	12.86	18	11.52	16.12 (16.12)	11	16	High	1
		Heating	40.00	20	44.44	19.39 (19.39)	••	19	-	
U-AP0182H2UL		1.5	12.86	18	11.41	15.97 (15.97)	11	15	High	1
		Heating	40.00	20		19.33 (19.33)	••	19 15		
U-AP0182H2UL		1.5	12.86	18	11.41	15.97 (15.97)	11		High	1
MMU-AP0122H2UL		Heating	0.67	20	7.00	19.33 (19.33)	-	19	-	
		1	8.67	12	7.92	10.96 (10.78)	7	10 13	High	1
		Heating	42.00	13.5	44.05	13.17 (13.17)	10	13		
U-AP0152H2UL		1.25	12.09	15.4	11.05	14.08 (13.83)	10	16	Hìgh	1
		Heating		17	F 24	16.59 (16.59)	5	6		
K-AP0073H2UL		0.6	5.8	7.5	5,24	6.78 (6.74)	3	8	High	1
		Heating	0.22	8.5	7.46	8.26 (8.26)	7	10		
K-AP0123H2UL		1	8.33	12 13.5	7.40	10.74 (10.74) 13.09 (13.09)	,	13	High	1
V + 00000110111		Heating	6.79	9.5	6.08	8.50 (8.50)	6	8		
K-AP0093H2UL		0.8	0.79	10.5	0.00	10.18 (10.18)	· ·	10	High	1
		Heating	F 0	7.5	5,24	6.77 (6.74)	5	6		
U-AP0072H2UL		0.6	5.8	7.5 8.5	3,27	8.26 (8.26)	,	8	High:	1
		Heating 0.6	5.8	7.5	5.18	6.70 (6.70)	5	6		
U-AP0072H2UL			3.0	7.5 8.5	3.10	8.24 (8.24)	•	8	High	1
U-AP0072H2UL '		Heating 0.6	5.8	7.5	5.18	6.70 (6.70)	5	6		
U-APUU7ZHZUL		Heating	3.0	8.5	3.10	8.24 (8.24)	-	8	High	1
U-AP0072H2UL		0.6	5.8	7.5	5.28	6.83 (6.74)	5	6 ,		
U-APOU/ZHZUL		Heating	5.0	8.5	3.20	8.29 (8.29)	•	8	High	1
U-AP0072H2UL		0.6	5.8	7.5	5.28	6.83 (6.74)	5	6		
0-AF00721120L		Heating	5.0	8.5	5.20	8.29 (8.29)	•	Ř	High	1
U-AP0122H2UL		1	8.67	12	8.07	11.17 (10.78)	8	10		
O-AF 01221120L		Heating	0.07	13.5	0.07	13.24 (13.24)	•	13	High	1
U-AP0122H2UL		1	8.67	12	8.16	11.30 (10.78)	8	10		
O AI DIEEIIEGE		Heating	0.07	13.5		13.29 (13.27)	-	13	High	1
U-AP0122H2UL		1	8.67	12	8.07	11.17 (10.78)	8	10	1.11-b.	
		Heating	2,2,	13.5		13.24 (13.24)	•	13	High	1
U-AP0092H2UL		0.8	7.13	9.5	6.71	8.94 (8.53)	6	8	111-6	
J 777611EVE		Heating		10.5		10.33 (10.32)	-	10	Hìgh	1
U-AP0092H2UL		0.8	7.13	9.5	6.77	9.02 (8.53)	6	8	High	1

Corrected Capacity (kBtu) 297.65 365.22

	Heating		10.5		10.36 (10.32)		10		
MMK-AP0073H2UL	0.6 Heating	5.8	7.5 8.5	5.50	7.11 (6.74) 8.38 (8.36)	5	6 8	High	1
MMK-AP0073H2UL	0.6	5.8	7.5	5.50	7.11 (6.74)	5	6	High	1
MMK-AP0073H2UL	Heating 0.6	5.8	8.5 7.5	5.48	8.38 (8.36) 7.09 (6.74)	5	8 6	-	
MMK-AP0073H2UL	Heating 0.6	5.8	8.5 7.5	5.48	8.38 (8.36)	5	8	High	1
	Heating		8.5		7.09 (6.74) 8.38 (8.36)	5	6 8	High	1
MMU-AP0122H2UL	1 Heating	8.67	12 13,5	8.28	11.46 (10.78) 13.34 (13.27)	8	10 13	High	1
MMU-AP0072H2UL	0.6	5.8	7.5	5.54	7.16 (6.74)	- 5	6	High	1
MMC-AP0181H2UL	Heating 1.5	12.54	8.5 18	11.94	8.40 (8.36) 17.14 (16.17)	11	8 15	•	-
	Heating		20		19.75 (19.66)		19	High	1
Outdoor Connection Kits	Model Name								
Type Outdoor Heat Recovery Connection Kit (Connection kit		**********************	*****************************	************************		Quantity	••••••••••••••••••••••••		
for twined system with capacity more than 247KBtu/h	RBM-BT24FUL					1			
Y-joints	Model Name								
Type Y-Branch for Heat Recovery (below 61k BTU)	RBM-BY55FUL			***************************************		Quantity		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,
Y-Branch for Heat Recovery (61-135k BTU)	RBM-BY105FUL					3			
Y-Branch for Heat Recovery (136-238k BTU) Y-Branch for Heat Recovery (above 239k BTU)	RBM-BY205FUL RBM-BY305FUL					6			
Y-Branch for Heat Pump (below 61k BTU)	RBM-BY55UL					12			
Header									
ricauci									
Туре	Model Name	***************************************	***********************		***************************************	Quantity	•••••••••••••		***************************************
Type Accessories							••••••••••••••••••••••••••••••		
Type Accessories Type	Model Name					Quantity			
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL								
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0613FUL					Quantity 18 19 1			
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL					Quantity 18 19			
Type Accessories Type Cassette Grille (Required) How Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0613FUL RBC-AMSS4E-UL					Quantity 18 19 1			
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units PlpIng Length (in)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0613FUL RBC-AM554E-UL	φ3/8	φ1/2	φ5/8	Φ3/4	Quantity 18 19 19 19 19 19 19 19 19 19 19 19 19 19	φ1 1/8	φ1 3/8	φ1 5/8
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) (in)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0613FUL RBC-AMSS4E-UL	771	375	459	47	Quantity 16 15 15 19 19 19 19 19 19 19 19 19 19 19 19 19	φ1 1/8 167	140	φ1 5/8
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units PlpIng Length (in)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0613FUL RBC-AM554E-UL	φ3/8 771 322(0/322) 449	φί/2 375 365(305/60) 10			Quantity 18 19 19 19 19 19 19 19 19 19 19 19 19 19	φ1 1/8		φ1 5/8
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0613FUL RBC-AMS54E-UL 01/4 382 - 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	47 10(10/0)	Quantity 18 19 19 19 19 47/18 157 37(27/10)	φ1 1/8 167	140	φ1 5/8
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length (in) Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric Information(Outdoor Unit(s))	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0513FUL RBC-AM554E-UL ### Pi/4 ### 382 ### 382 ### 382 ### 382 ### 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	47 10(10/0) 37	Quantity EE 15 15 15 97/8 157 37(27/10) 120	φ1 1/8 167 167(140/27)	140	φ1 5/8
Type Accessories Type Cassette Grille (Required) How Selector (below 36k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MOCP (A)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0513FUL RBC-AM554E-UL ### Pi/4 ### 382 ### 382 ### 382 ### 382 ### 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	10(10/0) 37	Quantity 18 19 19 19 19 19 19 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	φ1 1/8 167 167(140/27)	140	φ1 5/8
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length (in) Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s))	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0513FUL RBC-AM554E-UL ### Pi/4 ### 382 ### 382 ### 382 ### 382 ### 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	10(10/0) 37	Quantity 16 15 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	φ1 1/8 167 167(140/27)	140	φ1 5/8
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric Information(Outdoor Unit(s)) MCCP (A) MCA (A)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0513FUL RBC-AM554E-UL ### Pi/4 ### 382 ### 382 ### 382 ### 382 ### 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	10(10/0) 37	Quantity 18 19 19 19 19 19 19 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	φ1 1/8 167 167(140/27)	140	φ1 5/8
Type. Accessories Type. Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Plping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric Information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric Information(Indoor Unit(s))	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0513FUL RBC-AM554E-UL ### Pi/4 ### 382 ### 382 ### 382 ### 382 ### 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	10(10/0) 37	Quantity 18 19 19 19 19 175 37(27/10) 120 40.00(70.00 + 70.00) 32.40(66.20 + 66.20) 140	φ1 1/8 167 167(140/27)	140	φ1 5/8
Type Accessories Type Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Piping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (ibs) Electric Information(Outdoor Unit(s)) MCCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric Information(Indoor Unit(s)) Total MCA (A)	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0513FUL RBC-AM554E-UL ### Pi/4 ### 382 ### 382 ### 382 ### 382 ### 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	10(10/0) 37	Quantity 18 19 19 19 17 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18	φ1 1/8 167 167(140/27)	140	φ1 5/8
Type. Accessories Type. Cassette Grille (Required) Flow Selector (below 38k BTU) Flow Selector (38-60k BTU) Wired Remote Controller Supports up to 8 ID Units Plping Length Total (ft) Gas side(Discharge/Suction) (ft) Liquid side (ft) Refrigerant Change Amount(Additional Refriger Total (lbs) Electric Information(Outdoor Unit(s)) MOCP (A) MCA (A) Protection Device size (A) Wire(Cable Size) (mm2 or AWG(#)) Electric Information(Indoor Unit(s))	Model Name RBC-U31PG(W)-UL RBM-Y0383FUL RBM-Y0513FUL RBC-AM554E-UL ### Pi/4 ### 382 ### 382 ### 382 ### 382 ### 382	771 322(0/322)	375 365(305/60)	459 449(0/449)	10(10/0) 37	Quantity 18 19 19 19 19 175 37(27/10) 120 40.00(70.00 + 70.00) 32.40(66.20 + 66.20) 140	φ1 1/8 167 167(140/27)	140	φ1 5/8

Note: Equivalent length is calculated by coefficient 1.200

- The user is responsible for ensuring that all data entered is correct.
- Equipment selections have been based on the Design Guidelines stated within the Toshiba SMMS-e/SHRM-e/SMMS-i/SHRM-1 Installation Manual.
- It is the responsibility of the consultant or contractor, to verify and confirm that the equipment selection and system design is correct before installation.
- Please note that in the event of future system expansion being allowed for in the system design or a change in cooling/heating requirements, a re-evaluation of the air conditioning system must be made prior to final installation.



Affidavit / Proof of Mailing

Date Issued:

February 27, 2017

Bid Number:

2017-#10

Closing Date:

March 27, 2017 at 9:30am

PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036

Opening Date:

March 27, 2017 at 9:30am

Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

HVAC Replacement / County Commissioners

State of Oklahoma) County of Canadian) §

I, Lindsey Garrett, Purchasing Agent, in and for said County and State, do hereby certify that "Invitations to Bid" was sent to the following:

Adams Heat and Air

1101 NW 99th

Oklahoma City, OK 73114

Air Flow Technologies

PO Box 851844

Yukon, OK 73085

All Hours Plumbing Services

PO Box 12726

Oklahoma City, OK 73157

Bailey Brothers PMG, HTG & A/C Inc

800 Industrial Drive

Yukon, OK 73099-2833

Barry Sell Mechanical Tech.

3221 SW 18th Street

Oklahoma City, OK 73108

Bid Clerk

projects@bidclerk.com

Bid News

projects@isqft.com

Brewers Heat and Air

5956 NW 34th

Oklahoma City, OK 73122

Capital Service 12900 Tracy Drive

Oklahoma City, OK 73165

Cheka Group LLC

1042 SE 25th Street

Oklahoma City, OK 73129

Central Mechanical Services Inc

1887 State Highway 92

Chickasha, OK 73018-7001

Central Mechanical Services Inc

2605 S Purdue

Oklahoma City, OK 73128

Central Oklahoma Winnelson

PO Box 2052

Oklahoma City, OK 73101

Central State Thermo King Inc

1401 Enterprise Avenue

PO Box 270543

Oklahoma City, OK 73127

Comfort Air

4917 SW 7th

Oklahoma City, OK 73128

Crick Air & Heat

PO Box 107 Hinton, OK 73047 **Diversified Labor & Construction**

3523 N Star Road Stillwater, OK 74075 **EDP Contract Services**

Attn: Mike Modarelli 12128 Briarlake Ct

Oklahoma City, OK 73170

ePlan

4115 South Providence, Suite 105

Columbia, MO 65203

Ezell's Refrigeration 418 W Wade Street El Reno, OK 73036

Francis Tuttle Vo-Tech Center Attn: Bid Assistant - Judy Robbins

12777 N Rockwell

Oklahoma City, OK 73142

Gatz Mechanical Inc PO Box 936 El Reno, OK 73036

Harrison-Orr Air Conditioning Inc 4100 North Walnut Oklahoma City, OK 73105-3798

Integrity Restoration Specialists LLC 11532 NW 5th Street Yukon, OK 73099

Natkin 4730 SW 20th Street Oklahoma City, OK 73128

Precision Plumbing Service PO Box 734 Piedmont, OK 73078

Ross Services LLC 11609 Footman's Court Yukon, OK 73099

TA Miller Plumbing 2111 North Linn Oklahoma City, OK 73107

Trane PO Box 845053 Dallas, TX 75284-5053

Waggoners Mechanical Services LLC 1351 E Indian Hills Norman, OK 73071

Orcutt Mechanical Contractors Attn: Matthew Weber 5940 NW 38th St Oklahoma City, OK 73122 Gentry Service & Repair Inc 12004 Southfork Road Mustang, OK 73064

Higgins Plumbing 404 Cherryvale Road Edmond, OK 73103

Johnson Controls Inc 4730 SW 20th Street Oklahoma City, OK 73128

Online Data Services 3295 River Exchange Drive, Suite 213 Norcross, GA 30092

Rainbow Heat & Air Inc 501 Cedar Yukon, OK 73099

Smith Plumbing 12333 SW 6th Street Yukon, OK 73099

Team Air 4001 North Walnut Oklahoma City, OK 73105

Trane 305 Hudiburg Circle Oklahoma City, OK 73108

West Central Heat & Air LLC 2616 Fields Road El Reno, OK 73036

RB Akins Company Attn: Rick Adams 4425 N. Santa Fe Ave Oklahoma City, OK 73118 Gibbens Heating & Air 1107 Sunset Drive El Reno, OK 73036

Innovative Mechanical LLC PO Box 721178 Oklahoma City, OK 73172

Lieber Mechanical LLC 1105 First Place Blvd Yukon, OK 73099

Patrick's George Plumbing 401 SE 59th Oklahoma City, OK 73129

Reed Construction Data 30 Technology Pkwy South, Suite 100 Norcross, GA 30092

Streets Inc 100 E Commerce Oklahoma City, OK 73129

Tipton's Plumbing & Sewer 708 NW 5th Moore, OK 73160

Tuffcoat Inc 2896 Broce Drive Norman, OK 73072

Dodge Data & Analytics support@construction.com

Witness my hand and seal this 27th day of February, 2017.

Lindsey Garrett, Purchasing Agent

(SEAL)



NON-COLLUSION BIDDING CERTIFICATION

		(PROJECT NAME)
STA	TE OF OKLAHOMA)	
cou	NTY)	
A.	For purposes of competitive b	ids, I certify:
	purpose of certifying the f and between bidders and s giving or offering of thin	agent of, competitive bid which is attached to this statement, for the facts pertaining to the existence of collusion among bidders tate officials or employees, as well as facts pertaining to the gs of value to government personnel in return for specials of any contract pursuant to the bid to which this statement
	which this statement is att	cts and circumstances surrounding the making of the bid to ached and has been personally and directly involved in the submission of such bid; and
	party to the following: a. Any collusion amor agreement to bid at a b. Any collusion with are in the prospective corund c. Any discussions between	yone subject to the bidder's direction or control has been a ng bidders in restraint of freedom of competition by fixed price or to refrain from bidding; ny state official or employee as to quantity, quality or price atract, or as to any other terms of such prospective contract; ween bidders and any state official concerning exchange of g of value for special consideration in the letting of a
B.	Contractors nor anyone subject donated or agreed to pay, gi	atract, whether competitively bid or not, that neither the cet to the Contractor's direction or control has paid, given, or ve, or donate to any officer or employee of the State of thing of value, either directly or indirectly, in procuring ement is attached.
Certi	fied this day of	, 20
(Sign	nature)	·
(Prin	ı Name)	(Position in the Company)

BUSINESS RELATIONSHIPS AFFIDAVIT

(PROJECT NAME)
STATE OF OKLAHOMA)
COUNTY OF)
, of lawful age, being duly sworn, on oath says that he or sis the agent authorized by the bidder to submit the attached bid. Affiant further states that the nature of any partnership, or other business relationship presently in effect, of which exists within one (1) year prior to the date of this statement with the architect, engineer, or other part to the project is as follows:
Affiant further states that any such business relationship presently in effect of which exists within one (1) year prior to the date of this statement between any officer or director of the bidding company and any officer or director of the architectural or engineering firm or oth party to the project is as follows:
Affiant further states that the names of all persons having any such business relationships and the positions they hold with their respective companies or firms are as follows:
(If none of the business relationships herein above mentioned exist, affiant should so state.)
(Signature of Affiant)
Subscribed and sworn to before me this day of, 20
Notary Public
My Commission Expires



BID CHECKLIST

Date Issued:	February 27, 2017						
Bid Number:	2017-#10						
Closing Date:	March 27, 2017 at 9:30am						
Out and in a Data.	PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036						
Opening Date:	March 27, 2017 at 9:30am						
	Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036						
TO HELP PREVEN	IT BIDS FROM BEING REJECTED FOR LACK OF COMPLETION						
PLEASE CHECK F	OR THE FOLLOWING:						
Is the <u>Invitation</u>	to Bid Signed and Notarized?						
	### A. A.						
Are <u>all</u> applicable	e spaces filled in?						
Aro all moscossim	papers enclosed?						
Are <u>an</u> necessary	/ papers enclosed r						
Is the Bid # and	Opening Date on outside of return envelope?						
Bids will be rece	ived beginning 9:30am Tuesday March 21 until 9:30am Monday March 27, 2017?						
(Do not turn bid	in before Tuesday March 21 @ 9:30am – bid will not be opened or considered)						
Thank You,							
Lindsey Garrett,	Purchasing Agent						