



BID ADDENDUM NO. 1

DINWIDDIE COUNTY PUBLIC SCHOOLS

PRE-PURCHASE OF AIR-COOLED CHILLERS

IFB # 22-042622-1 (FY'22)

RRMM Project No. 21215-02

May 9, 2022

This Addendum forms a part of the Contract Documents and modifies the original bidding documents dated April 26, 2022.

The information in this Addendum supersedes any contradictory information or omission set forth in the Contract Documents.

Where any component of the Contract Documents is modified or deleted by this Addendum, the unaltered components of that Section, Article, or Drawing shall remain in effect.

QUESTIONS:

1.1 Are “Waterside Economizers” required on the chillers?

No - waterside economizers are not required.

1.2 May we get current “Model Nos.” and “Serial Nos.” of the chiller equipment now in place?

Under Attachment D, Part 2, Section 2.1.A.1.a, it indicates that “the following Manufactures are acceptable: YORK, DAIKIN, TRANE and CARRIER.”

On Sheet M1.1, “Owner Direct Purchase Chiller Schedules”, it indicates the model number associated with each manufacture chiller for each school.

Serial Nos. have not been provided for the existing chiller equipment as they do not correlate to the new model numbers. Model numbers provided in the below schedules have been coordinated with each manufacture.

DINWIDDIE ELEMENTARY SCHOOL AIR-COOLED CHILLER SCHEDULE

UNIT NO.	DESCRIPTION	CAPACITY (TONS)	EVAPORATOR			CONDENSER FAN			COMPRESSOR			REFRIGERANT	EER	IPLV (EER)	WEIGHT (LBS)	DUAL POINT ELECTRICAL						SELECTION BASED ON	REMARKS		
			GPM	WPD (FT.)	LWT (°F)	QUANTITY	FLA (TOTAL)	TOTAL KW	NO. OF CIRCUITS	QUANTITY	TOTAL (KW)					CKT	MCA	MOCPP	CKT	MCA	MOCPP			V	PH
C-1	AIR-COOLED ROTARY SCREW	302.7	575	11.4	44	18	48.6	-	2	3	346.0	134a	9.72	14.19	21,214	1	413	500	2	228	350	460	3	TRANE RTAC-3004U	① ②
C-1	AIR-COOLED ROTARY SCREW	288.2	575	13.3	44	18	59.4	-	2	2	322.7	134a	10.72	17.72	16,836	1	309	500	2	255	400	460	3	DAIKIN AWW-018B	① ②
C-1	AIR-COOLED ROTARY SCREW	290.0	575	11.7	44	14	-	19.04	2	2	309.7	134a	10.41	19.05	18,179	1	302.4	500	2	294.7	500	460	3	CARRIER 30XV-300	① ②
C-1	AIR-COOLED ROTARY SCREW	287.0	575	11.8	44	16	38.4	-	2	2	327.4	134a	10.52	18.77	19,343	1	320	500	2	250	500	460	3	YORK YVAA-0303	① ②

REMARKS: ① SHORT CIRCUIT CURRENT RATING IS 65,000 AMPS.
② REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

MIDWAY ELEMENTARY SCHOOL AIR-COOLED CHILLER SCHEDULE

UNIT NO.	DESCRIPTION	CAPACITY (TONS)	EVAPORATOR			CONDENSER FAN			COMPRESSOR			REFRIGERANT	EER	IPLV (EER)	WEIGHT (LBS)	ELECTRICAL						SELECTION BASED ON	REMARKS		
			GPM	WPD (FT.)	LWT (°F)	QUANTITY	FLA (TOTAL)	TOTAL KW	NO. OF CIRCUITS	QUANTITY	TOTAL (KW)					CKT	MCA	MOCPP	V	PH					
C-1	AIR-COOLED ROTARY SCREW	196.5	526	17.5	44	12	32.4	-	2	2	225.4	134a	9.579	13.64	13,193	413	500	460	3					TRANE RTAC-2004U	① ②
C-1	AIR-COOLED ROTARY SCREW	188.3	526	8.5	44	12	39.6	-	2	2	207.9	134a	10.87	17.22	13,192	363	500	460	3					DAIKIN AWW-012B	① ②
C-1	AIR-COOLED ROTARY SCREW	197.1	526	26.0	44	10	-	13.6	2	2	210.6	134a	10.38	19.83	13,476	372	500	460	3					CARRIER 30XV 2005	① ②
C-1	AIR-COOLED ROTARY SCREW	194.3	526	17.8	44	12	28.8	-	2	2	215.6	134a	10.8	18.87	14,544	363	500	460	3					YORK	① ②

REMARKS: ① SHORT CIRCUIT CURRENT RATING IS 65,000 AMPS.
② REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

DINWIDDIE MIDDLE SCHOOL AIR-COOLED CHILLER SCHEDULE

UNIT NO.	DESCRIPTION	CAPACITY (TONS)	EVAPORATOR			CONDENSER FAN			COMPRESSOR			REFRIGERANT	EER	IPLV (EER)	WEIGHT (LBS)	DUAL POINT ELECTRICAL						SELECTION BASED ON	REMARKS		
			GPM	WPD (FT.)	LWT (°F)	QUANTITY	FLA (TOTAL)	TOTAL KW	NO. OF CIRCUITS	QUANTITY	TOTAL (KW)					CKT	MCA	MOCPP	CKT	MCA	MOCPP			V	PH
C-1	AIR-COOLED ROTARY SCREW	263.4	584	15.4	44	16	43.2	-	2	3	299.3	134a	9.769	14.66	19,685	1	342	450	2	228	350	460	3	TRANE RTAC-2754U	① ②
C-2	AIR-COOLED ROTARY SCREW	263.4	584	15.4	44	16	43.2	-	2	3	299.3	134a	9.769	14.66	19,685	1	342	450	2	228	350	460	3	TRANE RTAC-2754U	① ②
C-1	AIR-COOLED ROTARY SCREW	270.0	584	17.9	44	18	59.4	-	2	2	320.5	134a	10.11	17.61	16,702	1	283	450	2	277	450	460	3	DAIKIN AWW-018B	① ②
C-2	AIR-COOLED ROTARY SCREW	270.0	584	17.9	44	18	59.4	-	2	2	320.5	134a	10.11	17.61	16,702	1	283	450	2	277	450	460	3	DAIKIN AWW-018B	① ②
C-1	AIR-COOLED ROTARY SCREW	275.4	584	13.6	44	12	-	23.52	2	2	290.9	134a	10.34	18.27	17,335	1	283.9	450	2	276.2	450	460	3	CARRIER 30XV-275	① ②
C-2	AIR-COOLED ROTARY SCREW	275.4	584	13.6	44	12	-	23.52	2	2	290.9	134a	10.34	18.27	17,335	1	283.9	450	2	276.2	450	460	3	CARRIER 30XV-275	① ②
C-1	AIR-COOLED ROTARY SCREW	265	584	14.5	44	14	33.6	-	2	2	296.3	134a	10.66	19.04	18,457	1	257	400	2	253	400	460	3	YORK YVAA-0273	① ②
C-2	AIR-COOLED ROTARY SCREW	265	584	14.5	44	14	33.6	-	2	2	296.3	134a	10.66	19.04	18,457	1	257	400	2	253	400	460	3	YORK YVAA-0273	① ②

REMARKS: ① SHORT CIRCUIT CURRENT RATING IS 65,000 AMPS.
② REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

END OF ADDENDUM NO. 1