

# AMENDMENT NO. 1

TO:	ALL VENDORS
FROM:	Damon Hightower
SUBJECT:	USC-BVB-1736-DH Provide Annual Maintenance & Services to Chillers for USC Upstate
DATE:	June 9, 2010
This Amendm	ent No. 1 modifies the Best Value Bid only in the manner and to the extent as stated herein.
	JESTIONS RECEIVED WERE CONSIDERED BY THE UNIVERSITY. A DECISION WAS MADE TO ANSWER ONS BASED UPON THEIR VALUE TO THE SUCCESS OF THE SOLICITATION.
ITEM TWO: R	EPLACE (Page 22) – REVISED BID SCHEDULE
ITEM THREE:	ADD – (Page 16) VII. TERMS AND CONDITIONS – B. SPECIAL – CONTRACTORS LIABILITY INSURANCE
ITEM FOUR: (	CHANGE – DEADLINE FOR SUBMISSION OF OFFERS HAS BEEN CHANGED TO JUNE 25, 2010 AT 2:00 PM
	LL ACKNOWLEDGE RECEIPT OF AMENDMENT NO. 1 IN THE SPACE PROVIDED BELOW AND WITH THEIR BID RESPONSE. FAILURE TO DO SO MAY SUBJECT BID TO REJECTION.
Authorized Si	gnature Firm
Date	

#### **ITEM ONE:**

### THE FOLLOWING QUESTIONS WERE RECEIVED FROM VENDORS:

Question #1 On page 11 of the bid document referenced above, item 8, it states:

"Provide eddy current analysis in 4<sup>th</sup> year of contract for all chillers" This is normally done on all water cooled chillers and is rarely, if ever done on air cooled chillers. The design of an air cooled chiller makes this very difficult to do and it requires opening of your seal refrigerant circuit. We would not recommend this.

Can you please clarify this request for us?

Answer #1 USC has decided to remove the current Eddy Test for Chiller #4, Carrier Chiller, Model 30RBA07060B73, Serial Number 0406Q80814 located at the Marry Black Nursing Building

Question #2 Do we add in the following items to the total on page 26 or are these separate line items for funding purposes?

page 22, cost for rotor and gear balanced?

page 23, cost for testing dipping and baking windings and reassembly?

page 23, cost to have rotor and gear assembly balanced?

page 25, cost to test motor and advise?

page 25, cost to remanufacture and rebuild motor?

# ANSWER: PLEASE SEE REVISED BID SCHEDULE IN ITEM TWO

Question #3 What is the current value of the contract and the covered equipment?

Answer #3 USC has a 2009-2010 commitment of \$38,000 for the Annual Maintenance and Services to the Chillers located at USC-Upstate

1. Carrier Chiller	Model# 19DK7380	Hodge Building
2. Carrier Chiller	Model# 19XR-3-59405	Hodge Building
3. Carrier Chiller	Model# 19DK	Hodge Building
4. Carrier Chiller – Air	Model# 30GB07610	Nursing Building
5. McQuay Chiller	Model# PEH050	Campus Life Center

- 6. York Chiller Model# YCWS0140SC46YA Readiness Center
- 7. Trane Chiller Model# RTHC1B2F01 Palmetto House
- Question #4 Will the five references be shown or available for public knowledge or review? Will the state hold these contacts confidential from other competition vendors?
- Answer #4 Based upon the SC Consolidated Procurement Code 11-35-410(B)(1) your customer reference list will not be released to the general public under Freedom of Information requests.
- Question #5 In Item 1, I am assuming the unit price is for one year service on that chiller and the extended price is for 5 year total pricing?
- Answer #5 ANSWER: PLEASE SEE REVISED BID SCHEDULE IN ITEM TWO

The unit price is the monthly charge for chiller maintenance and service. The extended price is the annual charge for chiller maintenance and service.

- Question #6 For chillers 2, 3 and 7 that require internal inspections during one year of the 5 year agreement. Do we take our yearly maintenance cost for all 5 years and the cost of the internal compressor inspection and let that be the Extended pricing and then divide it by 5 for the Unit Price?
- Answer #6 ANSWER: PLEASE SEE REVISED BID SCHEDULE IN ITEM TWO
- Question #7 On item 12, Is the Unit Price our Eddy Current price for one chiller and the Extended for all 11 chillers? Or would the Unit Price be 1/5 of the total Extended Price for all 11 chillers ECT?
- Answer #7 ANSWER: PLEASE SEE REVISED BID SCHEDULE IN ITEM TWO
- Question #8 Total Bid Price = Price for all 5 years for 11 chillers ECT and the three internal compressor inspections?
- Answer #8 ANSWER: PLEASE SEE REVISED BID SCHEDULE IN ITEM TWO

ITEM TWO:

# REVISED BID SCHEDULE

#### VIII. BIDDING SCHEDULE / PRICE-BUSINESS PROPOSAL

#### SERVICE CONTRACTS

**Lot 1: Carrier Chiller Annual Maintenance (Item 1)** 

Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
1	12	Month	Carrier Chiller, Model 19DK7380 CM, Serial Number 84 28 35846 located at the Hodge Building	\$	\$

<b>Resident Contractor Preference</b>		
<b>Resident Sub-Contractor Preference (2%)</b>	 Number of Sub-Contractors	
Resident Sub-Contractor Preference (4%)	 Number of Sub-Contractors	

# Lot 2: Carrier Chiller Annual Maintenance for years 1,2,3,4 and 5 of the Contract (Items 2A-2E)

Item	Qty	Unit of	Description	Unit	Extended
		Measure			Price
			Carrier Chiller, Model 19XR-3-59405, Serial		
2A	12	Month	Number 0899J59405 located at the Hodge	\$	\$
			Building		
			(Year One)		

Internal Inspection of chiller to include the following to be performed during year one of the contract:

- Disassemble compressor and motor
- Provide and install three new transmission bearings
- Provide and install a new thrust assembly
- Remove, clean and inspect impeller and diffuser
- Remove stator assembly
- Remove rotor and transmission
- Inspect internal piping
- Check motor bearing safeties
- Inspect motor cooling orifices
- Remove, clean and inspect float assembly
- Remove, clean and inspect oil pump and sump
- Reassemble transmission assembly
- Reassemble motor and compressor
- Provide and install new o-rings, gaskets, oil, oil filters, refrigerant filters
- Calibrate and log safety control settings
- Pressurize and leak test entire chiller

Evacuate and let stand to insure leak integrity
Reinstall refrigerant
Check operating controls
Calibrate pressure transducers

<b>Resident Contractor Preference</b>	
Resident Sub-Contractor Preference (2%)	 Number of Sub-Contractors
Resident Sub-Contractor Preference (4%)	 Number of Sub-Contractors

Start chiller, log operational parameters to insure proper operation

Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
2B	12	Month	Carrier Chiller, Model 19XR-3-59405, Serial Number 0899J59405 located at the Hodge Building (Year Two)	\$	\$

Resident Contractor Preference		
Resident Sub-Contractor Preference (2%)	 Number of Sub-Contractors	
<b>Resident Sub-Contractor Preference (4%)</b>	 <b>Number of Sub-Contractors</b>	

Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
2C	12	Month	Carrier Chiller, Model 19XR-3-59405, Serial Number 0899J59405 located at the Hodge Building (Year Three)	\$	\$

<b>Resident Contractor Preference</b>		
Resident Sub-Contractor Preference (2%)	 Number of Sub-Contractors	
Resident Sub-Contractor Preference (4%)	 Number of Sub-Contractors	

			Carrier Chiller, Model 19XR-3-59405, Serial		
<b>2D</b>	12	Month	Number 0899J59405 located at the Hodge	\$	\$
			Building		
			(Year Four)		
R	esiden	t Contract	or Preference		
n	• 1	4010	A A D	. C.C. 1. C	Y
K	esiaen	t Sub-Con	tractor Preference (2%) Number	oi Sub-C	Contractors
Ð	esiden	t Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors
1	CSIUCII	i bub-con	rumber	or bub-c	onti actors
Item	Qty	Unit of	Description	Unit	Extended
		Measure	•	Price	Price
			G : CI'II N 1110VP 0 50405 G : 1		
<b>2</b> E	10	3.6 43	Carrier Chiller, Model 19XR-3-59405, Serial	φ.	Φ.
<b>2E</b>	12	Month	Number 0899J59405 located at the Hodge	\$	\$
			Building		
			(Year Five)		
D	acidan	t Contract	or Preference		
17	csiucii	i Contract			
R	esiden	t Sub-Con	tractor Preference (2%) Number	of Sub-C	Contractors
	0814-011			01 202	01101 0101010
R	esiden	t Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors
PTIC	NS F	or Items 2	A-2E (Lot 2) (This Pricing Will Not Be Evalua	ted)	
			, , ,		

Description

Unit cost to have motor reconditioned if required:

Item

Qty

Unit of

Measure

Reconditioning includes: Testing, Dipping and Baking Windings, Reassembly.

P	'RI	CIN	G=
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Unit

Price

**Extended** 

Price

Unit cost to have rotor and gear assembly balanced if required:

PRICING=

# Lot 3: Carrier Chiller Annual Maintenance for years 1,2,3,4 and 5 of the Contract (Items 3A-3E)

Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
3A	12	Month	Carrier Chiller, Model 19DK, Serial Number 42847 located at the Hodge Building (Year One)	\$	\$

Resident Contractor Preference		
Resident Sub-Contractor Preference (2%)	 Number of Sub-Contractors	
Resident Sub-Contractor Preference (4%)	 <b>Number of Sub-Contractors</b>	

Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
			Carrier Chiller, Model 19DK, Serial		
3B	12	Month	Number 42847 located at the Hodge	\$	\$
			Building		
			(Year Two)		

Internal Inspection of chiller to include the following to be performed during year two of the contract:

- Disassemble compressor and motor
- Provide and install three new transmission bearings
- Provide and install a new thrust assembly
- Remove, clean and inspect impeller and diffuser
- Remove stator assembly
- Remove rotor and transmission
- Inspect internal piping
- Check motor bearing safeties
- Inspect motor cooling orifices
- Remove, clean and inspect float assembly
- Remove, clean and inspect oil pump and sump
- Reassemble transmission assembly
- Reassemble motor and compressor
- Provide and install new o-rings, gaskets, oil, oil filters, refrigerant filters
- Calibrate and log safety control settings
- Pressurize and leak test entire chiller
- Evacuate and let stand to insure leak integrity

-	Reinstan reirigerant			
-	Check operating controls			
-	Calibrate pressure transducers			
-	Start chiller, log operational par	rameters	to insure proper operation	
Resident Sub-	Contractor Preference (2%) Contractor Preference (4%)		Number of Sub-Contractors  Number of Sub-Contractors	

	Qty	Unit of Measure	Description	Unit Price	Extended Price
			Carrier Chiller, Model 19DK, Serial Number		
<b>3C</b>	12	Month	42847 located at the Hodge Building	\$	\$
			(Year Three)		
			or Preference Number	of Sub-C	Contractors
Re	esiden	t Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors
Item	Qty	Unit of	Description	Unit	Extended
		Measure	Carrier Chiller, Model 19DK, Serial Number	Price	Price
3D	12	Month	42847 located at the Hodge Building (Year Four)	\$	\$
R	esiden	t Contract	or Preference		
			<del></del>	of Sub-C	Contractors
R	esiden	t Sub-Con	tractor Preference (2%) Number		Contractors Contractors
Ro Ro	esiden	t Sub-Con	tractor Preference (2%) Number		
Ro Ro	esiden esiden	t Sub-Con t Sub-Con Unit of	tractor Preference (2%) Number  tractor Preference (4%) Number  Description  Carrier Chiller, Model 19DK, Serial Number 42847 located at the Hodge Building	of Sub-C	Contractors  Extended
Ro Ro Item	esiden esiden Qty	t Sub-Con t Sub-Con Unit of Measure Month	tractor Preference (2%) Number tractor Preference (4%) Number  Description  Carrier Chiller, Model 19DK, Serial Number	of Sub-C Unit Price	Contractors  Extended  Price
Re R	esiden  Qty  12  esiden	t Sub-Con t Sub-Con Unit of Measure Month	tractor Preference (2%) Number  tractor Preference (4%) Number  Description  Carrier Chiller, Model 19DK, Serial Number 42847 located at the Hodge Building (Year Five)  or Preference	of Sub-C Unit Price \$	Contractors  Extended  Price

**OPTIONS For Items 3A-3E (Lot 3) (This Pricing Will Not Be Evaluated)** 

Unit cost to have motor reconditioned if required:

Reconditioning includes: Testing, Dipping and Baking Windings, Reassembly.

PRICING=

Unit cost to have rotor and gear assembly balanced if required:

PRICING=

**Lot 4: Carrier Chiller Annual Maintenance (Item 4)** 

6

**12** 

Month

Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
4	12	Month	Carrier Chiller, Model 30RBA07060B73, Serial Number 0406Q80814 located at the Marry Black Nursing Building.	\$	\$

R	esiden	t Contract	or Preference		
R	esiden	t Sub-Con	tractor Preference (2%) Number	of Sub-C	Contractors
R	esiden	t Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors
ot 5: ]	McQu	ay Chiller	Annual Maintenance (Item 5)		
Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
5	12	Month	McQuay Chiller, Model PEH050, Serial Number 5ZJ8104700 located at the Campus Life Center	\$	\$
R	esiden	t Contract	or Preference		
R	esiden	t Sub-Con	tractor Preference (2%) Number	of Sub-C	Contractors
R	esiden	t Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors
		*Not	e: This chiller may be replaced during the firs	st year of	this contract.*
	Carrie		Annual Maintenance (Item 6)	1	
Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
			Carrier Chiller, Model		

<b>Resident Contractor Preference</b>		
Resident Sub-Contractor Preference (2%)	 Number of Sub-Contractors	
Resident Sub-Contractor Preference (4%)	Number of Sub-Contractors	

\$

\$

30HXC136MY661AA, Serial Number

320Q16316 located at the University Readiness Center

Lot 7: Trane Chiller Annual Maintenance for years 1,2,3,4 and 5 of the Contract (Items 7A-7E)

Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
			Trane Chiller, Model RTHC1B2F01-		
<b>7A</b>	12	Month	10C2L3D2LFVQU0D, Serial Number	\$	\$
			U03D09942 located at the Palmetto		
			House		
			(Year One)		

R	esiden	t Contract	or Preference			
R	esiden	t Sub-Con	tractor Preference (2%) Number	of Sub-C	Contractors	
R	esiden	t Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors	
Item	Qty	Unit of Measure	Description	Unit Price	Extended Price	
7B	12	Month	Trane Chiller, Model RTHC1B2F01- 10C2L3D2LFVQU0D, Serial Number U03D09942 located at the Palmetto House (Year Two)	\$	\$	
R	esiden	t Contract	or Preference			_
				of Sub-C	Contractors	
			`		Contractors	
Item	Qty	Unit of Measure	Description	Unit Price	Extended Price	
7C	12	Month	Trane Chiller, Model RTHC1B2F01- 10C2L3D2LFVQU0D, Serial Number U03D09942 located at the Palmetto House (Year Three)	\$	\$	
In	ternal : - - -	Disassemb Cleaning a Re-assemb	of chiller to include the following to be performed of the compressor and inspection of all existing components by of the compressor, replace bearings, gaskets, parator may be refurbished if components are with	and o-rir	ngs; piston, c	check valve Housing
R	esiden	t Contract	or Preference			
R	esiden	t Sub-Con	tractor Preference (2%) Number	of Sub-C	Contractors	
R	esiden	t Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors	

Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
			Trane Chiller, Model RTHC1B2F01-		
<b>7D</b>	12	Month	10C2L3D2LFVQU0D, Serial Number	\$	\$
			U03D09942 located at the Palmetto		
			House		
			(Year Four)		

R	esiden	t Contract	or Preference		
R	esiden	t Sub-Con	tractor Preference (2%) Numbe	r of Sub-C	Contractors
R	esiden	nt Sub-Con	tractor Preference (4%) Numbe	r of Sub-C	Contractors
[tem	Qty	Unit of Measure	Description	Unit Price	Extended Price
7E	12	Month	Trane Chiller, Model RTHC1B2F01- 10C2L3D2LFVQU0D, Serial Number U03D09942 located at the Palmetto House	\$	\$
			(Year Five)		
			· /		Contractors Contractors
<b>PTIO</b>	NS F	or Items 7	A -7E (Lot 7) (This Pricing Will Not Be Eval	<mark>uated)</mark>	
,	Test n	notor and a	ndvise USC Upstate if remanufacture/rebuil	d if requi	red.
			<u>PRI</u>	CING=	
1	Unit c	ost to rema	anufacture/ rebuild motor if required.		
			<u>PRI</u>	CING=	

Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
	1.0		Carrier Chiller, Model 30HXC261RZ661KA,		
8	12	Month	Serial Number 3607Q07819 located at the	\$	\$
			Health Education Center		

			, , <del></del>		Contractors Contractors
t 9: (	Carrie	er Chiller A	Annual Maintenance (Item 9)		
tem	Qty	Unit of Measure	Description	Unit Price	Extended Price
9	12	Month	Carrier Chiller, Model 23XRV4042NRVAA5, Serial Number 74631	\$	\$
	• • •	4.00.44	located at the Health Education Center		
R	esiden	t Sub-Con	or Preference tractor Preference (2%) Number		Contractors
Ro Ro	esiden esiden	it Sub-Con	or Preference tractor Preference (2%) Number tractor Preference (4%) Number		Contractors Contractors
Ro Ro	esiden esiden	it Sub-Con	or Preference tractor Preference (2%) Number		

Resident Sub-Contractor Preference (4%) \_\_\_\_\_ Number of Sub-Contractors \_\_\_\_\_

**Lot 11: M Quay Chiller Annual Maintenance (Item 11)** 

Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
11	12	Month	McQuay Chiller, Model WMC145DSC- ER10, Serial Number STNU090400002 located at the Magnolia House	\$	\$

Res	siden	t Sub-Con	tractor Preference (4%) Number	of Sub-	Contractors
t 12: <b>F</b>	Eddy	Current 7	Γest Cost on Chillers (Items 12A – 12J)		
Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
12A	1	EA	Eddy Current Testing Cost on Carrier Chiller, Model 19DK7380 CM, Serial Number 84 28	\$	\$
Res	siden	t Sub-Con	· / ———		Contractors
Res Res	siden siden	t Sub-Con t Sub-Con	completed in year 4 of the contract  tor Preference  tractor Preference (2%) Number  tractor Preference (4%) Number	of Sub-0	Contractors
Res Res	siden	t Sub-Con	completed in year 4 of the contract  tor Preference  tractor Preference (2%) Number		Contractors
Res Res	siden siden	t Sub-Con t Sub-Con Unit of	completed in year 4 of the contract  tor Preference  tractor Preference (2%) Number  tractor Preference (4%) Number	of Sub-C	Contractors Contractors Extended

Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
12C	1	EA	Eddy Current Testing Cost on Carrier Chiller, Model 19DK, Serial Number 42847 located at the Hodge Building – To be completed in year 4 of the contract	\$	\$

Reside	ıt Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractor
em Qty	Unit of Measure	Description	Unit Price	Extended Price
D 1	EA	Eddy Current Testing Cost on McQuay Chiller, Model PEH050, Serial Number 5ZJ8104700 located at the Campus Life Center – To be completed in year 4 of the contract	\$	\$
	nt Contract nt Sub-Con		of Sub-C	Contractors
Reside	nt Sub-Con	tractor Preference (2%) Number		
Reside	nt Sub-Con	tractor Preference (2%) Number		Contractors
Reside	nt Sub-Con	tractor Preference (2%) Number		

Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
12F	1	EA	Eddy Current Testing Cost on Trane Chiller, Model RTHC1B2F01- 10C2L3D2LFVQU0D, Serial Number U03D09942 located at the Palmetto House – To be completed in year 4 of the contract	\$	\$

Reside	nt Sub-Con	tractor Preference (2%) Number	of Sub-C	Contractors
Reside	nt Sub-Con	tractor Preference (4%) Number	of Sub-C	Contractors
em Qty	Unit of Measure	Description	Unit Price	Extended Price
2G 1	EA	Eddy Current Testing Cost on Carrier Chiller, Model 30HXC261RZ661KA, Serial Number 3607Q07819 located at the Health Education Center – To be completed in year 4 of the contract	\$	\$
Reside	nt Sub-Con	, , <u>———</u>		Contractors
Reside	ent Sub-Conent Sub-Con	atractor Preference (2%) Number	of Sub-C	Contractors  Extended
Reside	nt Sub-Con	Tractor Preference (2%) Number  Number  Description  Eddy Current Testing Cost on Carrier Chiller, Model 23XRV4042NRVAA5, Serial Number 74631 located at the Health Education Center	of Sub-C	Contractors
Residence Residence Qty	ent Sub-Content Su	tractor Preference (2%) Number  tractor Preference (4%) Number  Description  Eddy Current Testing Cost on Carrier Chiller, Model 23XRV4042NRVAA5, Serial Number	of Sub-C Unit Price	Extended Price

Item	Qty	Unit of	Description	Unit	Extended
		Measure		Price	Price
			Eddy Current Testing Cost on McQuay		
<b>12I</b>	1	EA	Chiller, Model WMC145DSC-ER10, Serial	\$	\$
			Number STNU090400001 located at the		
			Magnolia House – To be completed in year		
			4 of the contract		

Resident Sub-Contractor Preference (4%) Number of Sub-Contractors					
Item	Qty	Unit of Measure	Description	Unit Price	Extended Price
12J	1	EA	Eddy Current Testing Cost on McQuay Chiller, Model WMC145DSC-ER10, Serial Number STNU090400002 located at the Magnolia House – To be completed in year 4	\$	\$
			of the contract		
R	esiden	t Sub-Con	, , <u>——</u>		Contractors Contractors

<u>Note:</u> The service preferences do not apply to a bid for an item of work by the bidder if the annual price of the bidder's work exceeds \$50,000 or the total potential price of the bidder's work exceeds \$500,000. [11-35-1524(E)(3)]

Please refer to the preference clauses listed in the additional conditions of this solicitation to ensure that you qualify to select the above preferences.

Bidder is to submit the following for preferences requested above:

1) Identify the subcontractor to perform the work:

**Resident Contractor Preference** 

- 2) Identify the work the subcontractor is to perform:
- 3) Bidder's factual basis for concluding that the subcontractor's work constitutes the required percentage of the work to be performed in the procurement.

# ITEM THREE: ADDITION - VII. TERMS AND CONDITIONS – B. SPECIAL – CONTRACTORS LIABILITY INSURANCE

Please add the following clause to the Contractors Liability Insurance Clause (Jan 2006) on page 16-17 of USC-BVB-1736-DH.

Insurance Requirements: The successful bidder must provide a copy of its liability insurance certificate within ten (10) days upon the posting of the award statement **and** by the anniversary date of the contract throughout the contract term.