

ADDENDUM 2

REFERENCE PROJECT:

**DOWNTOWN DISTRICT COOLING LOOP
AND UTILITY INFRASTRUCTURE UPGRADE
Memphis, TN 38103**

OWNER: Shelby County Support Services

FROM: SSR
SSR No: 13650760

DATE: March 23, 2015

Revise Project Documents as follows:

- Item AD-1. Section 004113 Bid Form: Replace with the attached revised section which includes allowance for MLGW fee.
- Item AD-2. Drawing E5.1, Electrical Schedules and Details; 157 Poplar Ave. See revised panel schedule attached.
- Item AD-3. Clarification: The "Electrical Equipment Schedule" MOCP size should be used for breaker sizes. Please note all equipment MOCP sizes may be changed due to actual requirements of Division 23 equipment. Only items (480 volt) denoted as for bldg 157 should be fed from the distribution panel in bldg 157. Other equipment (120 volt) in bldg 157 is fed from panel B3
- Item AD-4. Clarification: Cable limiters shall be used on the service conductors. This is a MLGW requirement for conductor connection to the mole and the network downtown.

Acknowledgment

Acknowledge receipt of this Addendum by inserting its number and date in the space provided in the Bid Form.

End of Addendum

SECTION 00 41 13

BID FORM - STIPULATED SUM

To: Administrator of Purchasing
Shelby County Government
Suite 900
160 North Main St.
Memphis, TN 38103

Project: Downtown District Cooling Loop and Utility Infrastructure Upgrade

Date: _____

Submitted by:
(full name) _____

(full address) _____

I. OFFER

BASE BID- All Work not including listed on this bid form and not including the Contingency Allowance as indicated in the bid documents: *(State amounts in both words and figures)*

_____ Dollars (\$_____)

CONTINGENCY ALLOWANCE Ten percent (10%) of the Base Bid to the nearest whole dollar:

_____ Dollars (\$_____)

TOTAL BASE BID AMOUNT *(Base Bid plus Contingency Allowance)*

Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by Formus, Inc. for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of (State amounts in both words and figures)

_____ Dollars (\$_____)

in lawful money of the United States of America.

We have included the security Bid Bond as required by the Notice to Bidders. All applicable federal taxes are included and State of Tennessee and City of Memphis taxes are included in the Bid Sum.

ALLOWANCES

Include in the Contract, stipulated amount of \$50,000 for MLGW fees. Any unused funds will be deducted from the contract by deductive change order at contract close-out.

Include in the Contract, stipulated amount of 10% of the base bid for use upon Owner's instruction. Contingency funds may only be applied toward work that is not identified by the contract documents. Any unused funds will be deducted from the contract by deductive change order at contract close-out.

2. ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for (90) ninety days from the bid closing date. If this bid is accepted by the Owner within the time period stated above, we will:

- Execute the Agreement within seven days of receipt of Notice of Award.
- Furnish the required bonds within seven days of receipt of Notice of Award. In the form described in Supplementary Conditions.
- Commence work within seven days after written Notice to Proceed.

If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required bonds, the security deposit shall be forfeited as damages to the Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.

In the event our bid is not accepted within the time stated above, the required security deposit will be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

3. CONTRACT TIME

If this Bid is accepted, we will: Complete the Work in Two Hundred and Twenty (220) calendar days from Notice to Proceed. CONTRACTOR agrees to provide COUNTY an amount equal to 500 (\$) Dollars per day for liquidated damages for each consecutive calendar day required for the completion of the contract beyond the time stipulated.

4. ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.

Addendum # _____ Dated _____

5. APPENDICES

The following documents are attached to and made a condition of the Bid: LOSB Subcontractor & Supplier List
Drug-Free Workplace Affidavit
Bid security in form of Bid Bond

6. BID FORM SIGNATURES

The Corporate Seal of

(Bidder- print the full name of your firm)

was hereunto affixed in the presence of:

(Authorized signing officer Title)
(Seal)

(Authorized signing officer Title)
(Seal)

If the Bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

END OF DOCUMENT

DP-CH-1L

LOCATION: BOILER RM.	MAIN BKR. 1600	CONN. LOAD: 586.52 KVA
VOLTAGE: 480 Y/ 277	S.F.L. NO	FEED: TOP
CONFIGURATION: 3 Φ 4W		ENCLOSURE: NEMA 1
MOUNTING: SURFACE	BUS RATING 1600	GROUND BUS: YES

LOAD SERVED	BKR	CKT	DMD	L1	L2	L3	DMD	CKT	BKR	LOAD SERVED
P-PL-1 (60 HP)	150/3	1	M	16000			M	2	150/3	P-PL-2 (60 HP)
		3	M	16000			M	4		
		5	M			16000	M	6		
						16000				
P-CW-1 (50 HP)	125/3	7	M	13333			M	8	125/3	P-CW-2 (50 HP)
		9	M	13333			M	10		
		11	M			13333	M	12		
600 TON CHILLER CH-1L	1000/3	13	M	120840			H	14	40/3	COOLING TWR HEATER (18 KW)
		15	M	8000	120840		H	16		
		17	M		8000	120840	H	18		
COOLING TWR FAN (30 HP)	90/3	19	M	8000			-	20	50/3	SPARE
		21	M	0	8000		-	22		
		23	M			8000	-	24		
SPARE	100/3	25	-	0			-	26	125/3	SPARE
		27	-	0	0		-	28		
		29	-	0		0	-	30		
SPARE	100/3	31	-	0			-	32	125/3	SPARE
		33	-	0	0		-	34		
		35	-	0		0	-	36		
SPACE	-	37	-	0			-	38	-	SPACE
		39	-	0	0		-	40		
		41	-	0		0	-	42		

INTERRUPT RATING: 42,000 AIC

195507	195507	195507
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FROM: UTILITY XFMR

LOADS (IN VA)	CONN	DMD	MIN	REMAINING			
	LOAD	FCTR	FDR	CONTINUOUS LOADS			
LIGHTING	0	1.25	0	REMAINING	0	1.25	0
RECEPTS TO 10 KVA	0	1.0	0	NON-CONT. LOADS	0	1.0	0
RECEPTS REMAINING	0	0.5	0	PANEL/XFMR LOADS	0	1.0	0
TOTAL MOTORS	562520	1.0	562520				
LARGEST MOTOR	0	0.25	0	TOTAL CONN. LOAD	586.5	KVA	706.3 AMPS
SPACE HEATING	24000	1.0	24000	MIN. FDR/PANEL CAP.	586.5	KVA	706.3 AMPS
KITCHEN EQUIPMENT	0	0.65	0	OVERALL DMD FACTOR	1.0		