

September 20, 2016

Greensboro Coliseum Complex 1921 Gate City Boulevard Greensboro, NC 27403

Attn:

Mike Purdue

Re:

Value Engineering for Parking Lot Improvements Project

Soch

Dear Mike.

R. P. Murray, Inc. is pleased to submit the following Value Engineering (VE) Options for consideration, approval, and incorporation into the Contract for the above referenced project. Per our discussions since the date of the bid, September 9, 2016, we have reviewed the items identified for VE by Coliseum Staff, R.P. Murray and our Subcontractors. Each proposed item is listed below with the expected value:

Base Bid Total:		\$1,875,000
Alternate No. 1 Total Bid Price:		\$470,000
		, , , , , ,
Value Engineering Options with Cost Savings for	or Base Bid - Parking Lot Improvements:	
Remove All Scope in North Portions of		\$250,000
	xisting curb as shown on the attached mark-up.	
<ol><li>Alternate Concrete Subcontractors:</li></ol>	deduct	\$50,000
a. NOTE: This will reduce our l	MBE Participation to 1%.	, ,
	rkings to standard pavement marking paint: deduct	\$12,000
4. Alternate lighting package for base b	<u> </u>	TBD
5 5.	coming from lighting vendors, to be evaluated at a later date.	
Value Engineering Options with Cost Savings for Alternate No. 1 – Metal Storage Building:		
Change CMU to paint grade split face	• •	\$35,000
2. Mechanical/HVAC Options:		, ,
a. Alternate gas heaters with s	standard combustion: deduct	\$1,260
	included separated combustion.	,
b. Standard aluminum heat ex	·	\$987
Stainless steel sp.	•	,,,,,
c. NEMA 1 disconnects instea		\$417
d. Manual damper instead of	motorized: deduct	
Reduction in Overhead for reduced s		
or modulation in ovalidad for reduced o	doubte a performing jobb containently.	Ψ-40,000
Other changes not noted above:		
Increase Owner's Contingency:	add	\$15,000
	entrance from Coliseum Blvd at proposed tie in.	+ =0,000

In summary, the total for performing the base bid work and alternate number 1 could potentially be reduced by a maximum of \$382,820 which would result in a total price for the combined work of \$1,962,180. For this scope of work, the MBE participation would be 1% and the WBE participation would be 48%.

Should you have any questions or need any additional information regarding the items listed above, please do not hesitate to contact me directly.

Sincerely

Andrew G. Wells Vice President

Cc: Robert Furmage

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