

Meeting Date: July 13, 2010

Agenda Item

4

REQUESTED COMMISSION ACTION:

<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Ordinance	<input type="checkbox"/> Resolution	<input type="checkbox"/> Consideration/ Discussion	<input type="checkbox"/> Presentation
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SHORT TITLE Approval to Replace Mitchell Moore Air Conditioning System by Job Order Contractor (JOC), Shiff Construction & Development, Inc.

Summary of Purpose and Why:

The Mitchell Moore Recreation Center air conditioning must be repaired by total replacement, as interim repairs are no longer effective. Funding for this project was established with amendment to the FY10 CIP Program approved by the City Commission on June 22, 2010. Total cost for the project is \$129,232 which includes the contract established five percent consultant fee (\$6,154) for the Gordian Group who is providing project management services for the JOC.

- (1) Origin of request for this action: Staff
- (2) Primary staff contact: Robert McCaughan, Public Works Director Ext. 4097
- (3) Expiration of contract, if applicable: N/A
- (4) Fiscal impact and source of funding: FY10 CIP Project 10-133

DEPARTMENTAL COORDINATION	DATE	DEPARTMENTAL RECOMMENDATION	DEPARTMENTAL HEAD SIGNATURE
<input type="checkbox"/> Public Works	<u>7/2/2010</u>	<u>Approve</u>	<u>Robert McCaughan</u>
<input type="checkbox"/> General Services	<u>7/7/10</u>	<u>approve</u>	<u>James Harde</u>
<input type="checkbox"/> Finance	<u>7/7/10</u>	<u>Approve</u>	<u>L. Stubble</u>
<input type="checkbox"/> Budget	<u>7/13/10</u>	<u>Approve</u>	<u>Alexandra Delico</u>
<input type="checkbox"/> Engineering	<u>7-7-10</u>	<u>Approve</u>	
<input type="checkbox"/> Advisory Board			
<input type="checkbox"/> Planning Director			
<input type="checkbox"/> Public Works Director			
<input checked="" type="checkbox"/> City Manager			<u>James Beard</u>

ACTION TAKEN BY COMMISSION:

<u>Ordinance</u>	<u>Resolution</u>	<u>Consideration</u>
<u>Workshop</u>		
1 st Reading	1 st Reading	Results: Results:
2 nd Reading		

Job Order Contract
Contractor's Price Proposal - CSI

Date: July 07, 2010
Contract No.: N607197B2-C
Work Order No.: PB2010-004.00
Work Order Title: Mitchell Moore HVAC Replacement
Contractor: Shiff Construction & Development, Inc.
Proposal Value: \$123,078.09
Proposal Name: Mitchell Moore HVAC Replacement
Proposal Submitted: 07/07/2010

Subtotal for Section-01:	\$1,376.34
Subtotal for Section-07:	\$3,036.54
Subtotal for Section-15:	\$110,175.99
Subtotal for Section-16:	\$8,489.22
Price Proposal Total	\$123,078.09

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percentage of NPP in this Price Proposal: 0.00%

Job Order Contract

Contractor's Price Proposal - CSI

Date: July 07, 2010
Contract No.: N607197B2-C
Work Order No.: PB2010-004.00
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Rec#	Sect.	Item	Mod.	UOM	Description	Line Total																				
Section - 01																										
1	01510	0013		EA	30 CY Dumpster "Construction Debris"	\$1,376.34																				
					<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>2.00</td> <td>x</td> <td>598.98</td> <td>x</td> <td>1.1489 =</td> <td>\$1,376.34</td> </tr> </table>		Quantity		Unit Price		Factor	Total	Installation	2.00	x	598.98	x	1.1489 =	\$1,376.34							
	Quantity		Unit Price		Factor	Total																				
Installation	2.00	x	598.98	x	1.1489 =	\$1,376.34																				
					Disposal of existing (2) 12 ton condenser and handler, (2) 10 ton split units, (1) 25 ton split unit and all associated piping and roofing debris.																					
Subtotal for Section - 01:						\$1,376.34																				
Section - 07																										
2	07510	0052		SF	Up To 250 SF Roofing, Including Base Sheet, 2 Ply Of Modified Bitumen, Drip Edge, Gravel Stop, Cant Strip And Flashing	\$1,219.86																				
					<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>192.00</td> <td>x</td> <td>4.45</td> <td>x</td> <td>1.1489 =</td> <td>\$981.62</td> </tr> <tr> <td>Demolition</td> <td>192.00</td> <td>x</td> <td>1.08</td> <td>x</td> <td>1.1489 =</td> <td>\$238.24</td> </tr> </table>		Quantity		Unit Price		Factor	Total	Installation	192.00	x	4.45	x	1.1489 =	\$981.62	Demolition	192.00	x	1.08	x	1.1489 =	\$238.24
	Quantity		Unit Price		Factor	Total																				
Installation	192.00	x	4.45	x	1.1489 =	\$981.62																				
Demolition	192.00	x	1.08	x	1.1489 =	\$238.24																				
					Removal and installation of roofing at base of new a/c curbs.																					
3	07512	0004		SQ	2 Plies Glass Fiber Felt, Mopped And Coated Glass Fiber Base Sheet	\$1,816.68																				
					<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>3.84</td> <td>x</td> <td>370.84</td> <td>x</td> <td>1.1489 =</td> <td>\$1,636.06</td> </tr> <tr> <td>Demolition</td> <td>3.84</td> <td>x</td> <td>40.94</td> <td>x</td> <td>1.1489 =</td> <td>\$180.62</td> </tr> </table>		Quantity		Unit Price		Factor	Total	Installation	3.84	x	370.84	x	1.1489 =	\$1,636.06	Demolition	3.84	x	40.94	x	1.1489 =	\$180.62
	Quantity		Unit Price		Factor	Total																				
Installation	3.84	x	370.84	x	1.1489 =	\$1,636.06																				
Demolition	3.84	x	40.94	x	1.1489 =	\$180.62																				
					Flashing all sides of (4) new a/c curbs.																					
Subtotal for Section - 07:						\$3,036.54																				
Section - 15																										
4	15770	0019		EA	10 Ton Cooling Rooftop Packaged HVAC Unit, Electric Heat Approximately 1/2 Cooling Capacity	\$26,435.91																				
					<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>2.00</td> <td>x</td> <td>11,504.88</td> <td>x</td> <td>1.1489 =</td> <td>\$26,435.91</td> </tr> </table>		Quantity		Unit Price		Factor	Total	Installation	2.00	x	11,504.88	x	1.1489 =	\$26,435.91							
	Quantity		Unit Price		Factor	Total																				
Installation	2.00	x	11,504.88	x	1.1489 =	\$26,435.91																				
					Install (2) 10 ton rooftop package units																					
5	15MOD	0019	0636		For Equipment Base Roof Curbs, Add	\$2,063.06																				
					<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>2.00</td> <td>x</td> <td>897.84</td> <td>x</td> <td>1.1489 =</td> <td>\$2,063.06</td> </tr> </table>		Quantity		Unit Price		Factor	Total	Installation	2.00	x	897.84	x	1.1489 =	\$2,063.06							
	Quantity		Unit Price		Factor	Total																				
Installation	2.00	x	897.84	x	1.1489 =	\$2,063.06																				
					'Install (2) 10 ton rooftop package units'																					
6	15770	0023		EA	25 Ton Cooling Rooftop Packaged HVAC Unit, Electric Heat Approximately 1/2 Cooling Capacity	\$59,648.64																				
					<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>2.00</td> <td>x</td> <td>25,959.02</td> <td>x</td> <td>1.1489 =</td> <td>\$59,648.64</td> </tr> </table>		Quantity		Unit Price		Factor	Total	Installation	2.00	x	25,959.02	x	1.1489 =	\$59,648.64							
	Quantity		Unit Price		Factor	Total																				
Installation	2.00	x	25,959.02	x	1.1489 =	\$59,648.64																				
					Install (2) 25 ton rooftop package unit.																					

Rec#	Sect.	Item	Mod.	UOM	Description	Line Total
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Section - 15

7	15MOD	0023	0636		For Equipment Base Roof Curbs, Add	\$4,603.14
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	Quantity		Unit Price		Factor	Total
Installation	2.00	x	2,003.28	x	1.1489 =	\$4,603.14

'Install (2) 25 ton rooftop package unit.'

8	15770	0106		EA	10 Ton Indoor Section Split System Air Conditioning Packaged Unit, Horizontal Upflow	\$313.08
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	Quantity		Unit Price		Factor	Total
Installation		x	4,732.38	x	1.1489 =	
Demolition	2.00	x	136.25	x	1.1489 =	\$313.08

Remove (2) 10 ton split a/c units.

9	15770	0107		EA	12 Ton Indoor Section Split System Air Conditioning Packaged Unit, Horizontal Upflow	\$357.79
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	Quantity		Unit Price		Factor	Total
Installation		x	5,752.04	x	1.1489 =	
Demolition	2.00	x	155.71	x	1.1489 =	\$357.79

Remove (2) 12 ton split a/c units serving lobby and replace with (1) 25 ton rooftop package unit provided in CTC Task # 157700023.

10	15770	0109		EA	20 Ton Indoor Section Split System Air Conditioning Packaged Unit, Horizontal Upflow	\$223.62
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	Quantity		Unit Price		Factor	Total
Installation		x	7,691.01	x	1.1489 =	
Demolition	1.00	x	194.64	x	1.1489 =	\$223.62

Remove (1) 25 ton split a/c unit.

11	15840	0075		LB	Sheet Metal Ductwork, Medium Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	\$7,526.35
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	Quantity		Unit Price		Factor	Total
Installation	1,761.00	x	3.72	x	1.1489 =	\$7,526.35

New duct work for supply and return for each new package unit. Connect to existing openings in building at roof level. (2) 10 ton units receive 16"x16" duct work, 30' each- 213sf each; (2) 25 ton units receive 24"x24" duct work, 30' each- 480sf ea.; Total sf for all units- 1,386 plus 10% for material lappage= 1,524 sf Total. Duct work estimated at 24 gauge. Material is 1.156lbs/sf (1,524 x 1.156= 1,761 lbs)

12	15MOD	0075	0801		For Quantities > 1000 Lb. To 2000 Lb. (> 454 kg to 907 kg), Add	\$708.12
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	Quantity		Unit Price		Factor	Total
Installation	1,761.00	x	0.35	x	1.1489 =	\$708.12

13	15848	0002		SF	1/2" Fiberglass Duct Liner Board, Field Installed, Acoustical Insulation	\$8,296.28
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	Quantity		Unit Price		Factor	Total
Installation	1,386.00	x	5.21	x	1.1489 =	\$8,296.28

Interior duct liner board.

Subtotal for Section - 15: \$110,175.99

Section - 16

14	16170	0291		EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	\$2,198.35
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	Quantity		Unit Price		Factor	Total
Installation	2.00	x	956.72	x	1.1489 =	\$2,198.35

(1) rooftop disconnect for each 10 ton package unit.

15	16170	0293		EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	\$6,290.87
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	Quantity		Unit Price		Factor	Total
Installation	2.00	x	2,737.78	x	1.1489 =	\$6,290.87

(1) disconnect for each 25 ton package unit

Subtotal for Section - 16: \$8,489.22

Proposal Total**\$123,078.09**

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 0.00%



**THE
GORDIAN
GROUP**

Job Order Contracting System License Fees

City of Pompano Beach

Pursuant to the conditions set forth under the agreement between The Gordian Group, Inc. and the City of Pompano Beach, The Gordian Group, Inc. requests a purchase order for the following amount:

\$6,153.90

Job Order Title:	Mitchell Moore HVAC Replacement
Job Order Number:	PB2010-004.00
JOC Contractor:	Shiff Construction & Development, Inc.
Job Order Amount:	\$123,078.09
License Fee % Due:	5%
License Fee \$ Due:	\$6,153.90

Sincerely,

Michael Ledford
The Gordian Group, Inc.