

PREPARED FOR: Jonathan Cooper
City of Pembroke Pines
13955 Pembroke Rd.
Pembroke Pines
FL
33027

QUOTATION # N002434

RE: Gas Detector Intigration
Service Call #: SC004535 - City of Pembroke Pines - 2022-01-07

BCR is pleased to submit this Proposal for the above referenced project. This proposal is good for 30 days. Should this proposal be acceptable, please sign, date and return a copy to your BCR Representative. Thank you for this opportunity to be of service.

Standard Quotation Details	
Quote Title	Gas Detector Intigration
Summary/Scope of Work	Gas Detector Intigration to include BCR • Procurement ◦ (1) 1756 Analog inout module ◦ All terminal blocked needed for project • Engineering/Programming ◦ Install and configure analog input module into PLC program devices ◦ Install and configure 3 clo2 input bits and 3 no2 input bits into PLC program ◦ Install new gas dection bits into alarm sequeinceing program ◦ Install PPM readouts on GUI (HMI) ◦ Install PPM Readouts structure and pathway in PLC code ◦ Test and scale 6 analog inputs ◦ Update and provide electrical drawings • Onsite supervision ◦ Travel to site ◦ Verify electrical contractor terminations ◦ Verify Analong input module installations ◦ Verify Beacon 800 Gas detection panel terminations ◦ Test signals and scalling on all 6 new inputs into PLC ◦ Travel back to office C Davis Electrial • Travel to site • Procure all electrical material for job including cabel and conduits • Run 1" emt conduit from beacon 800 panel to MCP panel • Pull (6) 16-AWG signal cables • Install (1) analog input module • Terminate all 6 circuits in MCP panel • Terminate all 6 circuits in Beacon 800 panel • Test • Site clean up
Shipping Notes	Shipping is included in proposal
Disclosure Notes	Cost does not include any added labor or material not described in this proposal

QUOTE TOTAL: \$10606.44

Acceptance of Quote # N002434

Signature: _____

Name: _____

Title: _____

Date: _____

Customer Purchase Order #: _____

BCR Representative	Ethan Betancourt
BCR Representative Email	ebetancourt@bcrinc.com

BCR Proposal Worksheet

Service Call #	4535	
Customer PO#		
Description	gas detection intigration	
Labor Rate	\$	104.04
Engineering Rate	\$	175.00
PM Rate		
Material Mark-Up		25%
Labor		
	M/H	Cost
Administrative	4	\$ 416.16
Mechanical		\$ -
		BCR onsite labor 1 day/Manage c davis conduit and wiring installation/Manage c davis termination in MCP panel & Beacon panel/Provide instructions and wiring diagrams to C Davis/test circuitry/Test with programmer actual ppm reading/Simulate 4-20 ma outputs for scaling in program
Electrical	8	\$ 832.32
Plumbing		\$ -
SCADA		\$ -
Other (Travel, Per Diem, etc)		\$ 1,121.00
		Travel for BCR employee supervision
Subtotal		\$ 2,369.48
		Update drawings/scada. Verify Work Intructions and Scope review/Write code for new ppm reading inputs/Install code into program/Scale 6 analog inputs/Test inputs
Engineering	24	\$ 4,200.00
Project Mgmt		\$ -
Subtotal		\$ 4,200.00
Total Labor		\$ 6,569.48
Materials		
Materials		\$ 1,509.57
Subtotal		\$ 1,509.57
Sales Tax	0%	\$ -
Total Materials		\$ 1,509.57
Labor Cost		\$ 6,569.48
Material Cost		\$ 1,509.57
Material Mark-Up		\$ 377.39
Contractor #1 Cost		\$ 2,150.00
Total Cost		\$ 10,606.44
Total Cost		\$ 10,606.44



BCR Expenses Sheet

Other						
Item	Qty	P/N	Description	Manufacturer	Unit Price	Extended Price
	6		Travel time		85	\$ 510.00
	300		Milage		0.57	\$ 171.00
	2		Perdiem		120	\$ 240.00
	1		Hotel		200	\$ 200.00
						\$ -
						\$ -
			Expenses are estimates and will be billed at actual cost			\$ -
						\$ -
Subtotal						\$ 1,121.00



Materials Sheet

Materials						
Item	Qty	P/N	Description	Manufacturer	Unit Price	Extended Price
1	1		Electrical Parts	eesco	1409.57	\$ 1,409.57
2	1		shipping estimate	fedex	100	\$ 100.00
			wire			\$ -
						\$ -
						\$ -
		Shipping is an estimate and will be billed as actual cost on final invoice				\$ -
						\$ -
						\$ -
Subtotal						\$ 1,509.57

Contractor Sheet

Labor/Material						
Item	Qty	P/N	Description	Manufacturer	Unit Price	Extended Price
	1		material		1040	\$ 1,040.00
	1		labor		1035	\$ 1,035.00
	1		travel		75	\$ 75.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
Subtotal						\$ 2,150.00

