

CITY OF CREST HILL
CITY CENTER

Change Order

Date: 8/15/2022
Project: Crest Hill City Center

Contractor: Omega Plumbing

Change Order #:

Description:

Booster Pump for Irrigation System

* Provide and Install Booster Pump in Water Meter Room to Facilitate Irrigation System Needs.
Pump is to be Single Phase 208-230V.

Note: See Attached RCO / Proposals

Original Contract:	\$ 410,500.00
Previous Change Orders:	<u>\$ 12,122.00</u>
Contract Total Prior to this CO:	\$ 422,622.00
New Change Order Amount:	<u>\$ 5,795.00</u>
New Contract Amount:	<u><u>\$ 428,417.00</u></u>

Approved:

Administrator Date

Shawn Thompson - Project Manager Date

Sub-Contractor Date

Dan Skiera - Superintendent Date



521 Oak Leaf Court Unit A
Joliet, IL 60436
815-773-0808
FAX: 815-773-0812
LIC. 055-031454

TO: Harbour
RE: Crest Hill Village Hall Irrigation Booster pump

We hereby propose to perform the following work:

Install new Grundfos Booster pump in water meter room. We will install it near the drop for the irrigation system. Unit is single phase 208-230v. Spec sheet is attached to this proposal. Cost to perform work is as follows:

Total cost to perform work shall be \$5,795.

Payment to be made as follows: **upon completion**

Should customer fail to pay pursuant to the terms of this contract, and Omega Plumbing, Inc. elects to take legal action to collect this amount, customer shall be responsible for reimbursement of all attorney's fees *(including contingency based percentages charged by attorneys)* and court costs incurred as a result of the enforcement of this contract

We will supply general liability and workers compensation insurance, fire and other insurance to be supplied by others.

Respectfully submitted: Robert R. Fox

Date: 8/5/2022

Note: This proposal may be withdrawn by us in thirty days

We hereby accept the above proposal submitted to us by OMEGA PLUMBING and will commence the project within thirty days:

Signed: _____ Date: _____

Compact Boosting Pump

GRUNDFOS CMBE

The CMBE Booster is designed for residential and commercial water supply, pressure boosting, irrigation and dewatering applications. The CMBE series is available in both 1x110-120V and 1x200-240V variants and uses energy efficient, permanent magnet motor technology, which provides unmatched reliability, quiet operation, and energy savings.

Thanks to the integrated speed controller, the CMBE keeps a constant pressure in the pipe system. A pressure sensor monitoring discharge pressure will signal to the speed controller to change the motor speed to adapt the performance to the new situation.



KEY FEATURES AND BENEFITS

- All-in-one solution including pump, motor, tank, pressure and flow sensor, controller and check valve
- Constant pressure and commercial grade quality in one compact system
- Reliable and easy to install
- Highly efficient ECM motor reduces operating costs
- Variable Frequency Drive (VFD) with built in PI controller
- Grundfos manufactures all CMBE component
- Optimized and simple to use controller
- Communication capable with CIM cards
- Simple selection guide to size correct pump
- Low noise (55dB or less in typical use)
- Drinking water NSF 61/UL 372 approved

APPLICATIONS

- Residential and commercial water supply
- Pressure boosting
- Irrigation
- Dewatering

TECHNICAL DATA

CMBE	
SYSTEM PRESSURE:	max. 145 psi
SUCTION LIFT:	max. 23 ft including suction-pipe pressure loss at a liquid temperature of 68°F
LIQUID TEMPERATURE:	32°F to +140°F
AMBIENT TEMPERATURE:	max. 113 °F for 115V max. 122 °F for 220V min. -4 °F
SOUND PRESSURE LEVEL:	max. 55 dB(A)
SUPPLY VOLTAGE:	1x115 V, 1x200-240 V, 60 Hz

PRODUCT OFFERING

98810910	CMBE 1-44 1x115V 60 Hz
98548109	CMBE1-44 1x200-240V 50/60 Hz
98810921	CMBE 1-75 1x115V 60 Hz
98548110	CMBE 1-75 50/60 Hz
98548111	CMBE 1-99 50/60 Hz
98810922	CMBE 3-30 1x115V 60 Hz
98548112	CMBE 3-30 50/60 Hz
98810924	CMBE 3-51 1x115V 60 Hz
98548113	CMBE 3-62 1x200-240V 50/60 Hz
98548114	CMBE 3-93 1x200-240V 50/60 Hz
98548115	CMBE 5-31 1x200-240V 50/60 Hz
98548116	CMBE 5-62 1x200-240V 50/60 Hz
98548118	CMBE 10-54 1x200-240V 50/60 Hz

PERFORMANCE DATA

