

CLEVELAND PUBLIC LIBRARY

Finance Committee

June 23, 2015

**RESOLUTION TO AUTHORIZE REPLACEMENT OF COOLING TOWER AT
LAKE SHORE FACILITY**

WHEREAS, The Cleveland Public Library Lake Shore Facility has a cooling tower on top of the building for the chiller for the main building air conditioning; and

WHEREAS, The original cooling tower was installed when the Lake Shore facility was renovated, approximately twenty-two (22) years ago in 1993, and Property Management has deemed this replacement as necessary because if the cooling tower fails, there will be no air conditioning in the Lake Shore facility; and

WHEREAS, Under R.C. 3375.41, the Library is permitted to repair library facilities without competitive bidding when necessary for the security and protection of Library property; and

WHEREAS, The Lake Shore facility, Ohio Library for the Blind and Physically Disabled, and Memorial Nottingham Branch contain equipment and library materials that must be kept in a temperature controlled environment in order to avoid damage; and

WHEREAS, The cooling tower replacement involves the purchase of the cooling tower itself, rigging services to receive the new equipment and store until scheduled for delivery, and once scheduled, then remove, replace and dispose of the old cooling tower, and hiring a contractor to install. The Library sought and received proposals as follows:

Cooling tower replacement

1. Mark Elliott Company \$37,252.00

Rigging Services

1. Shippers Highway Express Inc. \$ 6,900.00

Contractor

1. V. A. Conkey \$31,500.00
2. The John F. Gallagher Co. \$41,175.00
3. Hank Bloom Services, Inc. \$49,165.00

Now therefore be it

RESOLVED, That the Board of Trustees determines that the replacement of the cooling tower is necessary for the security and protection of Library property at the Lake Shore Facility and Memorial Nottingham branch; and be it further

RESOLVED, That the Board of Trustees authorizes the Executive Director, CEO, or his designee, to purchase and/or enter into Agreements with the Mark Elliott Company for (1) Baltimore Aircoil Company Cooling Tower Model # S15E-1212-07 in the amount of \$37,252.00; (2) Shippers Highway Express Inc. for rigging services in the amount of \$6,900.00; and (3) V. A. Conkey Company for the installation of the cooling tower in the amount of \$31,500.00, subject to approval of the Chief Legal Officer, for a total amount of \$75,652.00 with the expenditure being charged to the General Fund account 12100053-53310 Building Repair.

MARK ELLIOTT COMPANY

MANUFACTURER'S REPRESENTATIVE

HVAC & PROCESS COOLING

5824 Akron Cleveland Rd. - B • Hudson, OH 44236

330-656-3930 Cleve. • 330-655-7830 Akron • 330-653-8505 Fax • www.MarkElliottCompany.com

June 16, 2015

Cleveland Public Libraries
325 Superior Ave.
Cleveland, OH

Attention: Tim Murdock

Regarding: 17001 Lake Shore Blvd. Cooling Tower Replacement

Tim,

Based on our conversation and my site visit we are proud to offer the following equipment and service from the Mark Elliott Company:

Baltimore Aircoil Company Cooling Tower Model # S15E-1212-07

This style cooling tower is much easier to maintain and work on and would require some piping changes to the existing set up (PVC would be a much less expensive option on the outdoor piping). This unit can go onto the existing structural steel support.

Model Number:	S15E-1212-07
Quantity:	1
Fan Motor:	10 HP fan motor: one speed-one winding, suitable for 460 volt, 3 phase, 60 hertz electrical service, premium efficiency and inverter duty
Material of Construction:	Galvanized Steel
Fan & Fan Drive System:	Standard Fan Driven by BALTIDRIVE® Power Train
Wet Deck :	PVC Film Wet Deck Material & Drift Eliminators
Inlet/Outlet Connections:	Top Inlet with End Outlet for Pump Suction Application
Anchorage:	Spring Type Vibration Isolation Rails
Extended Lubrication Lines:	Extended Bearing Lubrication Lines
External Platform at Louver Face:	External Platform and Ladder with Safety Cage
Ladder Extension:	One (1) Aluminum Ladder Extension, 3'
Safety Cage Extension:	Extension on the Safety Cage of the Unit
Internal Access Options:	Internal Walkway and Ladder

Total Price FOB from factory to one destination _____ \$37,252.00

Add price to provide NEMA 1 Variable Frequency Drive for Fan Motor ADD\$2,500.00

Option B - Dolphin Water Treatment System

One Complete System including the following:

- 6" Sized Dolphin Coil-Ripe Assembly(PVC, sits inline in between tower pump and tower inlet)
- Umbilical Cable with 10' Extension

- Transformer Panel
- Conductivity Controller
- Belimo Motorized Blow Down Valve
- Rain Hood For Outdoor Installation (If Needed)
- Start-Up and One Year of Service (monthly water testing and reports and set-point adjustments)
- Installation Not Included (will be easier when replacing the tower, two flanged connections on the treatment module, electrical requirements are 115/1/60 for the treatment module and the controller can be plugged in)

Total Price FOB factory to One Destination _____ \$18,950.00

The Dolphin System by Clearwater is a proven and reliable physical water treatment and no chemicals are required. Through its principles of operation, the Dolphin reduces water costs, extends the life of your equipment, saves you maintenance time and gets rid of the hazardous chemicals that may be stored on site. Please let me know if you have any questions regarding this quote or how to best treat your water.

Please note that our pricing DOES NOT include rigging, *installation*, labor, taxes, heat trace, controls, storage or unloading.

Please contact us with any questions and thank you very much for your time and the opportunity to quote.

Respectfully submitted by,

Duane Gresh

ACCEPTANCE AND PRICES

1. Prices set forth in Seller's quotation shall remain firm for thirty (30) days. Within such period, the quotation shall convert into an order provided that all of the following have occurred: (1) Buyer submits either a purchase order or a copy of Seller's quotation displaying an authorized signature of Buyer within that thirty (30) day period; (2) Buyer provides a release for fabrication; and (3) Buyer requests a shipment date that is no later than twelve (12) weeks for the date of Buyer's submission of a purchase order or signed quotation. In the event Buyer's requested shipment date is later than twelve (12) weeks beyond such submission date, Seller's price in effect twelve (12) weeks prior to such shipment date shall apply. In the event that Buyer requests for its convenience that the Seller delay delivery of products subject to an order beyond the scheduled shipment date, pricing shall be subject to the same adjustment.
2. If an order is released and shipment of the equipment is not accepted when it is produced, billing will be subject to the same price escalation as would have been normal through a correct release. **Storage:** In the event that Buyer is unable to accept delivery of goods and the Seller is required to hold goods beyond two (2) working days from fabrication completion, a storage fee equal to the greater of \$200/day or 0.20% of the total order value/day will be assessed by Seller for every day beyond two (2) working days from fabrication date which it is required to store goods on behalf of Buyer. Storage will be assessed monthly and will need to be paid in full prior to a new shipment date being scheduled.
3. Prices do not include taxes or installation unless specifically stated. Prices do include freight to a single domestic location unless stated otherwise.
4. Warranties and terms of conditions of sale will be per each manufacturer's terms and conditions.
5. Orders should be made out to Baltimore Aircoil Company, Inc. c/o Mark Elliott Company for the Baltimore Aircoil portion of the order and to Mark Elliott Company for the balance of the equipment.

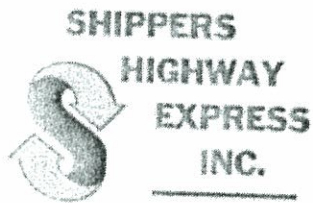
Memorial-Nottingham Public Library Project Quote

Ken A. Dudley <KDudley@shippershighway.com>

Mon 6/15/2015 3:20 PM

Inbox

To: Timothy Murdock <timothy.murdock@cpl.org>;



Memorial-Nottingham Public Library Project
Project No. 201506046

Tim,

Shippers is pleased to offer our proposal to supply the rigging services Cleveland Public Library will require at the Memorial-Nottingham Public Library Project.

Shippers will receive the equipment listed below at our facility and store until scheduled for delivery.

When scheduled, Shippers will furnish a crane, rigging foreman and trucking to deliver and work with your tradesmen to remove, replace & dispose of one (1) 6,400# cooling tower on the roof, in one (1) mobilization.

Our price for the work above and additional information below is **\$6,900.00**. Our terms for payment are net 30 days from the date of invoice.

- Our quote is based on normal working hours.
- Access and clearances must be provided.
- City of Cleveland will supply the required tradesmen for the job site rigging.
- City of Cleveland will have the existing equipment disconnected, unbolted, drained & disassembled into two-sections, prior to our arrival.
- Our quote is based on rigging from the parking lot.
- Our quote is based on Shippers retaining all scrap value.

Thank you,
Kenneth A. Dudley

Executive Vice President

Shippers Highway Express, Inc.
4965 NEO Parkway
Cleveland, OH 44128

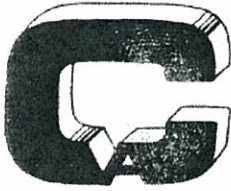
P: 216-475-1411

F: 216-475-4840

C: 216-255-8600

www.shippershighwayexpress.com

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V. A. Conkey Company
1701 Joseph Lloyd Parkway
Willoughby, Ohio 44094
440-269-5555
440-269-1355 fax

RECEIVED
FACILITIES

2015 JUN 15 AM 8:45

PROPOSAL

Cleveland Public Library
325 Superior Ave.
Cleveland, Ohio 44114
Tim Murdock

June 15, 2015

Re: Memorial Nottingham Branch 17109 Lakeshore Blvd. Cooling Tower Replacement

We propose to supply labor, equipment, and misc. material to complete the following

1. Disconnect existing piping and electrical from the cooling tower
2. Prepare for the rig removal of the tower
3. Install (3) I beams across existing supports and weld in place
4. Assist in the rig to remove and install the towers
5. Install new piping of the supply, return, water feed, overflow, and drain piping as needed

Supply and return piping to be 8" steel piping with welded fittings

Overflow and drain to be pvc piping wit solvent welded fittings

Water feed to be L copper with Viaga pro press fittings

Install (2) new stainless steel expansion joints

6. Install electrical as needed

NOT INCLUDED

Cooling tower

Electrical VFD

Vibration pads or spring pads

Rigging Service

Removal of the old cooling tower (Shippers to remove and dispose)

We are not providing a cost for the pvc piping. We have found the pvc deteriorates over time from the UV light of the sun and temperature change during the hot and cold seasons.

\$31,500.00

The John F.

Gallagher Co.

Mechanical Contractors

RECEIVED
FACILITIES

2015 JUN 16 PM 3:12

• An Innovative, Trusted Partner •

June 16th, 2015

Timothy Murdock
Cleveland Public Library
325 Superior Ave.
Cleveland, Ohio 44114

RE: *Cleveland Public Library-Cooling Tower Replacement*

We propose to furnish the necessary labor, material, tools & equipment to complete the work for the above referenced project as follows.

PVC Piping	\$32,990.00
Steel Piping	\$41,175.00

This price is based on the assumption of the tower inlet facing east.
Permits are to be billed at cost.

Please note that our HVAC price **includes:**

- Disconnect Piping from existing cooling tower.
- Disconnect power wiring from existing cooling tower.
- Dismantle of existing cooling tower. (Shippers Highway to remove)
- Properly securing cooling tower to I beams.
- Re-piping of supply and return piping to new cooling tower.
- Control wiring to new cooling tower fan motor and to make up water valve.
- Supports necessary.
-

Please note that our HVAC price **excludes:**

- Disposal of cooling tower.
- Allowances.
- Taxes.
- Alternates.
- Bond.

The price is based on the existing conditions of the building and the documents provided.

Thank you for the opportunity to provide a HVAC quote for the above referenced project. Please contact me if you have any questions or if we may be of assistance.

Sincerely,

HEATING • AIR CONDITIONING • PLUMBING • FIRE PROTECTION • PROCESS PIPING • SITE UTILITIES
SERVICE AND PREVENTIVE MAINTENANCE • DESIGN-BUILD • CONSTRUCTION

36360 Lakeland Blvd. • Eastlake, OH 44095-5314

440-946-4256 • FAX 440-953-8869

An Equal Opportunity Employer

www.JFGallagherCo.com

The John F. Gallagher Company

Scott Forbes
Project Manager
440-536-0531

HANK BLOOM SERVICES, INC. dba
Environmental Conditioning Systems
7567 Tyler Blvd.
Mentor, OH 44060
P 440-946-7823
F 440-769-1933
OH LIC# 12243

NO. 21347

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RECEIVED
FACILITIES
PROPOSAL

2015 JUN 16 PM 2:48

TO: TIM MURDOCK CLEVELAND PUBLIC LIBRARY ATTN: ACCTS PAYABLE 17001 LAKESHORE BLVD CLEVELAND, OH 44110	Date 06/16/2015	PO #
	Job Name/ Location CLEVELAND PUBLIC LIBRARY 17109 LAKESHORE BOULEVARD CLEVELAND, OH 44110	

RE: WATER TOWER REPLACEMENT PROJECT

We propose to provide the following:

ECS will install one (1) new water tower purchased by the Cleveland Public Library, delivered to Shippers Highway who has also been hired by the Cleveland Public Library to rig the old tower off the roof and the new tower in its place. ECS will provide all plumbing, electrical and man power needs for this project. Startup assistance and check for a proper operation of the new cooling tower.

TOTAL COST INCLUDING LABOR & MATERIAL: \$ 49,165.00

JOB CONSISTS OF:

- *Steel Pipe piping work
- *Electrical wiring work
- *Demo & Rigging
- *Start up and permit

EXCLUSIONS:

1. New equipment by others
2. Rigging costs by others
3. Overtime labor rates
4. Engineered drawings if required for permit

(Continued)

HANK BLOOM SERVICES, INC. dba
Environmental Conditioning Systems
7567 Tyler Blvd.
Mentor, OH 44060
P 440-946-7823
F 440-269-1933
OH LIC# 12243

NO. 21347

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RECEIVED PROPOSAL
FACILITIES

2015 JUN 16 PM 2:49

TO: TIM MURDOCK
CLEVELAND PUBLIC LIBRARY
ATTN: ACCTS PAYABLE
17001 LAKESHORE BLVD
CLEVELAND, OH 44110

Date 06/16/2015

PO #

Job Name/
Location

CLEVELAND PUBLIC LIBRARY
17109 LAKESHORE BOULEVARD
CLEVELAND, OH 44110

No text in this section

Forty Nine Thousand One Hundred Sixty Five Dollars and 00 cents

\$49,165.00

Payment to be made as follows:

Progress Payments Net 15 days; past due accounts are subject to a service charge of 1.5% per month (18% annually)
ECS ACCEPTS CREDIT CARDS (VISA & MASTER)

Unless otherwise indicated only standard shipping is included in above proposal.
OH Lic# 12243 - Equal Opportunity Employer

Authorized
Signature _____

Submitted By: Scott Blum

Note: This proposal may be
withdrawn by us if not accepted within 30 days

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Signature _____

Date of Acceptance: _____

Print Name _____