



TOWNSHIP OF LANARK HIGHLANDS
TENDER #PR 2021-01

**LANARK & DISTRICT COMMUNITY CENTRE CONDENSER REPAIR AND/OR
REPLACEMENT**

Having examined the Request for Tender – Lanark & District Community Centre Condenser Repair and/or Replacement attached, the undersigned agrees to supply and deliver all goods and services according to Schedule “C” to the Corporation of the Township of Lanark Highlands for the Lanark Arena in accordance with all terms and conditions specified herein.

The undersigned agrees to indemnify and save the Township harmless from any and all claims and demands whatsoever, arising from or in any way connected with property damage while performing services for the Township of Lanark Highlands.

Name of Firm or Individual

Address

Telephone and Fax Number

Email Address

Name of Person Signing for Firm

Position of Person Signing for Firm

TENDERS RECEIVED BY:

**Chelsea Dawes,
Manager of Facilities/Community Affairs**

Township of Lanark Highlands
75 George Street, P.O. Box 340
Lanark, Ontario
K0G 1K0

Telephone: (613) 259-2398 Ext. 252

FAX: (613) 259-2291

Note: Personal information collected from applications is collected under the authority of the Municipal Freedom of Information and Protection of Privacy Act, and will be used to determine qualifications. Questions about the collection of Information should be directed to the Clerk Administrator at the address indicated above.

The Contractor has carefully examined the provisions, specifications and conditions attached to this bid and has carefully examined this contract and the bidder understands and accepts the said provisions and conditions, and for the prices set forth in this sealed bid.

All pages of this document shall be returned with the bid submission, and all pages of this document shall be initialed by the bidder in the space provided.

BY: _____

(Name of Firm or Individual – Contractor)

Address: _____

Telephone: _____

THE TOWNSHIP OF LANARK HIGHLANDS
LANARK & DISTRICT COMMUNITY CENTRE CONDENSER REPAIR
AND/OR REPLACEMENT

TENDER #PR-2021-01

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CLOSING TIME AND DATE: 2:00 P.M. (LOCAL TIME)
THURSDAY, JUNE 17th, 2021

The Tender submissions will be opened in a virtual public meeting at 2:30 p.m., on the same day.
The virtual meeting link will be emailed to bidders the day of the tender closing.

Documents are to be submitted, signed by an authorized officer of the company, and clearly marked as to contents. Due to Covid-19 implications, proponents may submit their bids by email before 1:00pm on June 17th, 2021 to;

Name: Chelsea Dawes, Manager of Facilities/Community Affairs
Email: commaffairs@lanarkhighlands.ca

LATE SUBMISSIONS WILL NOT BE ACCEPTED.

SCHEDULE "A" – GENERAL CONDITIONS

1.0 INSTRUCTIONS TO BIDDERS

Definition: the term "Township", Shall mean the Township of Lanark Highlands

Submittals Procedure

- 1.1 All Request for Tender submissions shall be emailed to the Township of Lanark Highlands, as described in 1.5. Request for Tenders received after the said time will be returned unopened. All Requests for Tender submissions must clearly indicate "Replacement of Existing Top Section of the Condenser for the Ammonia Refrigeration Plant", the Bidders name and address.
- 1.2 The lowest or any Request for Tender bids will not necessarily be accepted and the Township reserves the right to reject all Request for Tender bids submitted or select options from various Requests for Tender bids or to select any Request for Tender bids for reasons deemed to be in the best interests of and for the best value for the Township.
- 1.3 Bidders must complete all parts of the Request for Tender in accordance with the Request for Tender documents as specified herein.
- 1.4 All Bids must be comprehensive and in sufficient detail so as to permit complete evaluation in accordance with the criteria set out herein. The Bids must be copies of the complete response submitted.
- 1.5 Time, Date, and Address for Response Submission

The Proposal documents described in 1.1 above shall be submitted to the following individual, on or before 2:00 p.m. (local time) on THURSDAY JUNE 17th, 2021, to:

Name: Chelsea Dawes
Title: Manager of Facilities/Community Affairs
Address: 75 George St, Lanark, ON
Email: commaffairs@lanarkhighlands.ca
Phone: 613-259-2398 ext 252

The Requests for Tenders will then be opened in a virtual public meeting at 2:30 p.m., on the same day. The virtual meeting link will be emailed to bidders the day of the tender closing

- 1.6 Language of Response Submissions
Bids and related documents shall be submitted in English.

SCHEDULE "A" – GENERAL CONDITIONS (continued)

2.0 BIDDERS INFORMATION

This Request for Tender is for a qualified company / contractor, to provide detailed cost information and complete the work required to remove and replace the top section of the existing condenser at the Lanark Arena for the Township of Lanark Highlands, 75 George Street, P.O. Box340, Lanark, Ontario.

3.0 FACSIMILE OR ELECTRONIC BIDS

Facsimile or Electronic Bids will be accepted due to the current Provincial Wide Lockdown and the closure of the Township Office from the public.

4.0 REQUEST FOR TENDER PRICES

Bid Prices must be valid for 90 days after the Request for Tender closing date stated herein. After this time elapses, the bids may only be accepted with the consent of the successful bidder.

5.0 NEGOTIATIONS

The Township of Lanark Highlands reserves the right to enter into negotiations with the selected Proponent. If the Township and the selected Proponent cannot negotiate a successful contract, The Township may terminate the negotiations and begin negotiations with the next selected Proponent. This process will continue until a contract has been executed or all Proponents have been rejected. No Proponent shall have any rights against The Township arising from such negotiations.

QUESTIONS

1. Questions concerning General Conditions or Scope of Work must be communicated to the Township's Manager of Facilities for clarification. Any material changes resulting from inquiries will be documented in writing to the bidders prior to the closing date and time.
2. Bidders are requested to make all inquiries prior to the last Friday preceding the closing date.
3. Person to Contact Chelsea Dawes, Manager or Facilities/Community Affairs
Telephone: 613-259-2398 ext 252
Email: commaffairs@lanarkhighlands.ca
4. All inquiries and communications with the Township of Lanark Highlands about this RFT throughout the bid period are only to be directed to the individual identified in Item 3. Non-compliance with this condition during the bid period may (for that reason alone) result in disqualification of the bidders offer.

PAYMENT

1. Payment may be made 30 days after delivery pursuant to the Bidder submitting an invoice, contract requirements being completed and work being deemed satisfactory.

SCHEDULE “B” – STANDARD TERMS & CONDITIONS

1. DEFINITIONS

Township -	The Corporation of the Township of Lanark Highlands, its successors and assigns.
Bidder -	The person, firm or corporation submitting a bid to the Township.
Company -	The person(s), contractor(s), firm(s) or corporation(s) to whom the Township has awarded the contract, its successors and assigns.
Contract -	A binding agreement between two or more legal entities, awarded under the Township’s Procurement Bylaw.
Subcontractor -	A person(s), firm(s) or corporation(s) having a contract with the company for any part of the work.
Document -	The document(s) issued by the Township in response to which bids are invited to perform the work in accordance with the specifications contained in the document.
Bid -	An offer by a Bidder in response to the document issued by the Township.
Equipment -	The materials, machinery, assemblies, instruments, devices or articles as the case may be, or components thereof, which are the subject of the contract.
Work -	All labour, materials, products, articles, fixtures, services, supplies, and acts required to be done, furnished and/or performed by the company, which are subject to the Contract.

2. SUBMISSION OF TENDERS

Proposal invitation shall be in accordance with the Township of Lanark Highlands By-law #2006-721 and will apply for the calling, receiving and opening of Proposals. The Township will be responsible for evaluating Proposals, awarding and administering the contract in accordance with the Procurement By-law.

The Proposal must be signed by a designated signing officer of the Bidder.

The Proposal must not be restricted by a covering letter, a statement added, or by alterations to the document unless otherwise provided herein.

Proposals received after the closing date and time will not be considered and will be returned, unopened.

Should a dispute arise from the terms and conditions of any part of the contract, regarding meaning, intent or ambiguity, the decision of the Township shall be final.

SCHEDULE "B" – STANDARD TERMS & CONDITIONS (continued)

3. CONTRACT DOCUMENTS AND ORDER OF PRECEDENCE

The contract documents shall consist of all the pages of the Tender documents issued by the Township and the company's Tender. Do not remove any pages from the Proposal document.

The contract and portions thereof, take precedence in the order in which they are named above, notwithstanding the chronological order in which they are issued or executed.

Amendments to the contract, in the form of Change Notices shall take precedence over the documents or portions thereof amended thereby.

Change notices, appendices and addenda to any contract document shall be considered part of such document.

The intent of the contract is that the company shall supply equipment, materials, or services complete and suitable for the Township's intended use.

None of the conditions contained in the Bidder's standard or general (printed) conditions of sale shall be of any effect unless explicitly agreed to by the Township and set forth or specifically referred to therein.

The contract shall be governed and interpreted in accordance with the laws of the Province of Ontario.

4. CLARIFICATION OR TENDER DOCUMENTS

Any clarification of the Tender documents required by the Bidder prior to submission of its Proposal shall be requested through the Township's contact identified in the document. Any such clarification so given shall not in any way alter the document and in no case shall oral arrangements be considered.

No officer, agent or employee of the Township is authorized to alter orally any portion of these documents. During the period prior to submission of Tenders, alterations will be issued to Bidders as written addenda. The Bidder shall list in its Tender all addenda that were considered when its Proposal was prepared.

5. PROOF OF ABILITY

The Bidder may be required to show, in terms of experience and facilities, evidence of its ability, as well as that of any proposed subcontractor, to perform the work by the specified delivery date.

SCHEDULE "B" – STANDARD TERMS & CONDITIONS (continued)

6. DELIVERY

Unless otherwise stated, the work specified in the bid shall be delivered or completely performed by the company as soon as possible and in any event prior to September 15, 2021.

Work shall be subject to further inspection and approval by the Township.

The Company shall be responsible for arranging the work so that completion shall be as specified in the contract.

Time shall be of the essence of the contract.

7. PRICING REQUIREMENTS

Prices shall be in Canadian Funds and prices shall be firm for the duration of the contract.

Prices quoted must include all incidental costs and the company shall be deemed to be satisfied as to the full requirements of the Tender. Any additional work must be authorized in writing prior to commencement. Should the company require more information or clarification on any point, it must be obtained prior to the submission of the Tender.

Payment shall be full compensation for all costs related to the work, including operating and overhead costs to provide work to the satisfaction of the Township.

If the Bidder intends to manufacture or fabricate any part of the work outside of Canada, it shall arrange its shipping procedures so that its agent or representative in Canada is the importer of record for customs purposes.

Should any additional tax, duty or any variation in any tax or duty be imposed by the Government of Canada or the Province of Ontario become directly applicable to work specified in this document subsequent to its submission by the Bidder and before the delivery of the work covered thereby pursuant to a purchase order issued by the Township appropriate increase or decrease in the price of work shall be made to compensate for such changes as of the effective date thereof.

8. TERMS OF PAYMENT

Where required by the Construction Lien Act, appropriate monies may be held back until 60 days after the completion of the work.

Payments made hereunder, including final payment, shall not relieve the company from its obligations or liabilities under the contract.

Acceptance by the company of the final payment shall constitute a waiver of claims by the company against the Township, except those previously made in writing in accordance with the contract and still unsettled.

SCHEDULE "B" – STANDARD TERMS & CONDITIONS (continued)

The Township shall have the right to withhold from any sum otherwise payable to the company such amount as may be sufficient to remedy any defect or deficiency in the work, pending correction of it.

Payment may be made 30 days after delivery pursuant to the Bidder submitting an invoice, contract requirements being completed, and work being deemed satisfactory.

9. PATENTS AND COPYRIGHTS

The company shall at its expense, defend all claims, actions or proceedings against the Township based on any allegations that the work or any part of the work constitutes an infringement of any patent, copyright or other proprietary right and shall pay to the Township all costs, damages, charges and expenses, including its lawyers' fees on a solicitor and his own client basis occasioned to the Township by reason thereof.

The company shall pay all royalties and patent license fees required for the work.

If the work or any part thereof is in any action or proceeding held to constitute an infringement, the company shall forthwith either secure for the Township the right to continue using the work, or shall at the company's expense, replace the infringing work with non-infringing work or modify them so that the work no longer infringes.

10. ASSIGNMENT AND SUBCONTRACTING

The company shall not assign or subcontract the contract or any portion thereof without the prior written consent of the Township.

11. FINANCING INFORMATION REQUIRED OF THE COMPANY

The Township is entitled to request of the company to furnish reasonable evidence that financial arrangements have been made to fulfill the company's obligations under the Contract.

12. LAWS AND REGULATIONS

The company shall comply with relevant Federal, Provincial and Municipal statutes, regulations and by-laws pertaining to the work and its performance. The company shall be responsible for ensuring similar compliance by its suppliers and subcontractors.

13. CORRECTION OF DEFECTS

If at any time prior to one year (or specified warranty/guarantee period if longer than one year) after the actual delivery date of the equipment, material or service any part of the equipment or material becomes defective or is deficient or fails due to defect in design, material or workmanship, or otherwise fails to meet the requirements of the contract, then the company, upon request, shall make good every such defect, deficiency or failure without cost to the

SCHEDULE “B” – STANDARD TERMS & CONDITIONS (continued)

Township. The company shall pay all transportation costs for parts and/or equipment, and/or material both ways between the company's factory or repair depot and the point of use.

14. TENDER PROCEDURES

Tender submissions will be called, received, evaluated, accepted and processed in accordance with the Township's procurement policy.

15. DEFAULT BY COMPANY

- A) If the company: commits any act of bankruptcy; or if a receiver is appointed on account of its insolvency or in respect of any of its property; or if the company makes a general assignment for the benefit of its creditors; then, in any such case, the Township may, without notice, terminate the contract.
- B) If the company: fails to comply with any request, instruction or order of the Township; or fails to pay its accounts; or fails to comply with or persistently disregard statutes, regulations, by-laws or directives of relevant authorities relating to the work; or fails to perform the work with the skill and diligence; or assigns or sublets the contract or any portion thereof without the Township's written consent; or refuses to correct defective work; or is otherwise in default in carrying out its part of any of the terms, conditions and obligations of the contract, then, in any such case, the Township may, upon expiration of ten days from the date of written notice to the company, terminate the contract.
- C) Any termination of the contract by the Township, as aforesaid, shall be without prejudice to any other rights or remedies the Township may have and without incurring any liability whatsoever in respect thereto.
- D) If the Township terminates the contract, it is entitled to:
 - i) take possession of all work in progress, materials and construction equipment then at the project site (at no additional charge for the retention or use of the construction equipment), and finish the work by whatever means the Township may deem appropriate under the circumstances;
 - ii) withhold any further payments to the company until the completion of the work and the expiry of all obligations under the Correction of Defects section;
 - iii) recover from the company loss, damage and expense incurred by the Township by reason of the company's default (which may be deducted from any monies due or becoming due to the company, any balance to be paid by the company to the Township).

16. CONTRACT CANCELLATION

The Township shall have the right, which may be exercised from time to time, to cancel any uncompleted or unperformed portion of the work or part thereof. In the event of such cancellation, the Township and the company may negotiate a settlement. The Township shall not be liable to the company for loss of anticipated profit on the cancelled portion or portions of the work.

SCHEDULE “B” – STANDARD TERMS & CONDITIONS (continued)

17. SURETY

The successful Tender shall, if the Township in its absolute discretion so desires, be required to satisfy surety requirements by providing a deposit in the form of a certified cheque, bank draft or money order or other form of surety, in an amount determined by the Township. This surety may be held by the Township until 60 days after the day on which all work covered by the contract has been completed and accepted. The surety may be returned before the 60 days have elapsed providing satisfactory evidence is provided that all liabilities incurred by the company in carrying out the work have expired or have been satisfied and that a Certificate of Clearance from the WSIB - Workplace Safety Insurance Board has been received.

The company shall, if the Township in its absolute discretion so desires, be required to satisfy fidelity bonding requirements by providing such bonding in an amount and form determined by the Township.

Failure to furnish required surety within two weeks from date of request thereof by the Township shall make the award of the Contract by the Township subject to withdrawal.

18. INSURANCE

The company shall maintain and pay for Comprehensive General Liability insurance including premises and all operations. This insurance coverage shall be subject to limits of not less than \$3,000,000.00 inclusive per occurrence for third party Bodily Injury and Property Damage or such other coverage or amount as may be requested.

The policy shall include the Township as an additional insured in respect of all operations performed by or on behalf of the company. A certified copy of such policy or certificate shall be provided to the Township prior to commencement of the work. Further certified copies shall be provided upon request.

19. LIABILITY

The company agrees to defend, fully indemnify and save harmless the Township from all actions, suits, claims, demands, losses, costs, charges and expenses whatsoever for all damage or injury including death to any person and all damage to any property which may arise directly or indirectly by reason of a requirement of the contract, save and except for damage caused by the negligence of the Township or its employees.

SCHEDULE "B" – STANDARD TERMS & CONDITIONS (continued)

20. VISITING THE SITE

The company shall carefully examine the site and existing surroundings affecting the proper execution of the work, and obtain a clear and comprehensive knowledge of the existing conditions. No claim for extra payment will be allowed for work or difficulties encountered due to conditions of the site which were visible or reasonably inferable, prior to the date of submission of Proposals. Bidders shall accept sole responsibility for any error or neglect on their part in this respect.

21. SAFETY

The company shall obey all Federal, Provincial and Municipal Laws, Act, Ordinances, Regulations, Orders-in- Council and By-laws, which could in any way pertain to the work outlined in the Contract or to the Employees of the Company.

Without limiting the generality of the foregoing, the company shall satisfy all statutory requirements imposed by the Occupational Health and Safety Act and Regulations made thereunder, on a contractor, a Constructor and/or Employer with respect to or arising out of the performance of the company's obligations under this Contract.

The company shall be aware of and conform to all governing regulations including those established by the Township relating to employee health and safety. The company shall keep employees and subcontractors informed of such regulations.

The company shall provide Material Safety Data Sheets (MSDS) to the Township for any supplied Hazardous Materials.

22. UNPAID ACCOUNTS

The company shall indemnify the Township from all claims arising out of unpaid accounts relating to the work. The Township shall have the right at any time to require satisfactory evidence that the work in respect of which any payment has been made or is to be made by the Township is free and clear of liens, attachments, claims, demands, charges or other encumbrances.

23. SUSPENSION OF WORK

The Township may, without invalidating the contract, suspend performance by the company from time to time of any part or all of the work for such reasonable period of time as the Township may determine.

The resumption and completion of work after the suspension shall be governed by the schedule established by the Township.

SCHEDULE “B” – STANDARD TERMS & CONDITIONS (continued)

24. CHANGES IN THE WORK

The Township may, without invalidating the contract, direct the company to make changes to the work. When a change causes an increase or decrease in the work, the contract price shall be increased or decreased by the application of unit prices to the quantum of such increase or decrease, or in the absence of applicable unit prices, by an amount to be agreed upon between the Township and the company. All such changes shall be in writing and approved by the Township.

25. MUNICIPAL FREEDOM INFORMATION AND PROTECTION OF PRIVACY ACT (MFIPPA)

All correspondence, documentation, and information provided to staff of the Township of Lanark Highlands by every bidder, including the submission of Proposals, shall become the property of the Township, and as such, is subject to the Municipal Freedom of Information and Protection of Privacy Act, and may be subject to release pursuant to the Act.

Bidders are reminded to identify in their Proposal material any specific scientific, technical, commercial, proprietary, or similar confidential information, the disclosure of which could cause them injury. Complete Proposal submissions are not to be identified as confidential.

26. DISCLOSURE

The total number of Proposal Submissions and the name of each Bidder will be made available at the public Proposal opening. After the Proposal opening, requests may be submitted to the Township for the results, and only the total number of Proposal Submission and the name of each bidder as read out at the Proposal openings will be given in the reply.

SCHEDULE “C” – SCOPE OF WORK

1.0 PURPOSE

BID FORM #1:

The Township of Lanark Highlands is seeking Tender's from a qualified contractor to provide detailed cost information and complete the work required to remove and dispose of the top section of the existing condenser unit, supply and install a new top section for Lanark Arena for the Township of Lanark Highlands.

BID FORM #2:

The Township of Lanark Highlands is seeking Tender's from a qualified contractor to provide detailed cost information and complete the work required to supply and install a new evaporative condenser for Lanark Arena for the Township of Lanark Highlands, the Township is accepting quotations for galvanised steel condensers and stainless-steel condensers.

2.0 BACKGROUND

The Lanark Arena currently has a 2017 EVAPCO model LSC-135E Evaporative Condenser, the condenser has experience pre-mature erosion due to a lack of water conditioning.

3.0 PROJECT SCOPE

The Township has included two bid forms in this request to tender. Bidders are instructed to complete each bid form and the Township reserves the right to select the successful bidder between Bid Form #1 and Bid Form #2.

BID FORM #1:

The scope of work includes replacing the existing top section of the condenser for the ammonia refrigeration plant at the Lanark Arena.

- Remove the ammonia from the existing condenser. Remove the existing top section of the condenser from the bottom section of the current condenser.
- Connect existing ammonia lines to new condenser and pressure test.
- All electrical wiring, disconnects and reconnects as required. Re-charge the condenser and prepare for startup.
- Labour, materials and equipment required to complete the work included in the proposal TSSA inspections and approvals

BID FORM #2:

The scope of work includes; supply and install of one (1) New Condenser, removal and disposal of the old condenser and commissioning of the new Condenser.

- Remove the ammonia from the existing condenser. Remove the existing condenser from existing stand. Put new condenser into place.
- Connect existing ammonia lines to new condenser and pressure test. Re-use existing compressor jacket cooling pump.
- Supply and install temperature valve, thermometers, pressure gauges, relief valve, expansion tank, Y
 - strainer, isolation valves, bypass line, flow switches and solenoid valves.
- Supply and install all pipe and fittings to connect up for a complete glycol compressor jacket cooling system, pressure test.
- Supply and install Propylene glycol at 35% mixture.
- All electrical wiring, disconnects and reconnects as required. Re-charge the condenser and prepare for startup.
- Labour, materials and equipment required to complete the work included in the proposal TSSA inspections and approvals

4.0 SPECIFICATIONS

A copy of the Specifications (attached as Schedule "D" to this RFT) shall be included in each Tender.

5.0 RESPONSIBILITIES OF CONTRACTOR

The Contractor shall be responsible for all of the following requirements:

- Maintain a safe workplace/work site in accordance with standard safe work practices and housekeeping.

- Compliance with the Occupational Health and Safety Act of Ontario and regulations and the Township of Lanark Highlands Occupational Health and Safety Policies;
- Maintain knowledge of, and be required to comply with, any appropriate safe work practices; Obtain all required permits and utility locates required to conduct the proposed works;
- Provide proof of WSIB coverage and liability coverage throughout the duration of each project;
- Obey all Federal, Provincial and Municipal Laws, Acts, Ordinances, Regulations, Orders-in-Council and By-laws, which in any way could pertain to the work outlined in the Contract or to the Employees of the Contractor.

SCHEDULE "D" – BID FORM AND SPECIFICATIONS

BID FORM #1 FOR ITEMS AND UNIT PRICES

In accordance with the terms and conditions of the RFT, the undersigned (the "Proponent") hereby offers to supply and install to the Township at the following price:

		BID	
ITEM	QTY	DESCRIPTION	PRICE
1	1	REPLACEMENT OF TOP SECTION W GALVANIZED STEEL COILS 1. Remove the ammonia from the existing condenser. Remove the existing top section of the condenser from the bottom section of the current condenser. 2. Connect existing ammonia lines to new condenser and pressure test. 3. All electrical wiring, disconnects and reconnects as required. Re-charge the condenser and prepare for startup. 4. Labour, materials and equipment required to complete the work included in the proposal TSSA inspections and approvals	\$
		Subtotal, excluding HST	\$

Proponent's HST Registration No. _____

Name of Proponent _____

Mailing Address _____

Telephone Number _____

Fax Number _____

Email for Proponent _____

Name of person authorized to
Sign for the Proponent _____

Signature of Authorized Person

Date of Signature

 , 2021

Witness or Proponent's Seal

SCHEDULE "D" – BID FORM AND SPECIFICATIONS (continued)

BID FORM #2 FOR ITEMS AND UNIT PRICES

In accordance with the terms and conditions of the RFT, the undersigned (the "Proponent") hereby offers to provide the Equipment to the Township at the following price:

		BID	
ITEM	QTY	DESCRIPTION	PRICE
1	1	EVAPCO LSC-155E The scope of work includes; supply and install of one (1) New Stainless Steel Condenser, removal and disposal of the old condenser and commissioning of the new Condenser.	\$
		Subtotal, excluding HST	\$

		BID	
ITEM	QTY	DESCRIPTION	PRICE
1	1	EVAPCO LSC-155E The scope of work includes; supply and install of one (1) New Galvanized Steel Condenser, removal and disposal of the old condenser and commissioning of the new Condenser.	\$
		Subtotal, excluding HST	\$

Proponent's HST Registration No. _____

Name of Proponent _____

Mailing Address _____

Telephone Number _____

Fax Number _____

Email for Proponent _____

Name of person authorized to
Sign for the Proponent _____

Signature of Authorized Person

Date of Signature

_____, 2021

Witness or Proponent's Seal

Condenser Technical Data Sheet



Andrew Kollasch
Evapco Inc.
5151 Allendale Ln
Taneytown, Maryland 21787
✉ andrew.kollasch@evapco.com

(1) LSC-155E

Project Details

Project Name : Lanark Arena
Location: TBD UNK

Date: 5/6/2021
Customer:
Contact:
Contact Email:

Product Description

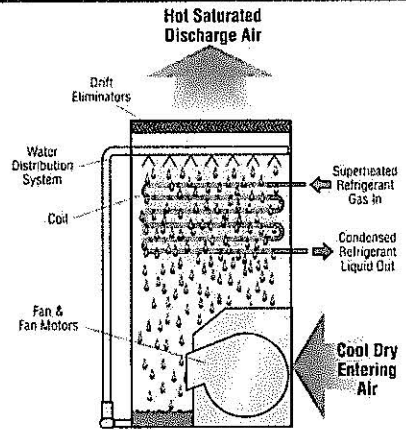
Forced draft centrifugal fan condensers are very quiet and ideal for applications where noise is a concern.

Selection Criteria

Refrigerant: NH3
Condensing Temp: 95.0 F
Condensing Pressure: 181.2 psi
Entering Wet Bulb: 78.0 F

Required Capacity

1,254.00 MBH NH3
93.86 MBH 35% Propylene Glycol



Unit Selected

One(1) EVAPCO LSC-155E at 108.8% capacity (1,364.35 MBH)*

*Refrigerant capacity adjusted for split coil

Physical Data Per Unit

Overall Dimensions (WxLxH): 4'-5/8" x 11'-11 3/4" x 8'-7"
Operating Weight: 7,300 lbs
Shipping Weight: 6,330 lbs
Heaviest Section: 4,520 lbs
*weights and dimensions could vary depending on options selected

IBC Design Capability

IBC Standard Structural Design
1.0 Importance Factor Specified
Seismic(Sds): up to 0.67 g, z/h = 0
Wind Load(P): up to 288 psf

Fan Motor Data per Unit

Number of Fans: 4
of Fan Motors: 1
Nameplate Power (575/3/60): 10.00 HP Per Motor
Typical Nameplate FLA: 9.92 Amps Per Motor
*Nameplate FLA could vary

Additional Details Per Unit

Air Flow: 23,300 CFM
Coil Volume: 19.3 cu ft per unit
Est. Refrigerant Charge: 141.9 lbs per unit
Coil Design Pressure: 300 psi

Hydraulic Data

Spray Water Flow: 245 GPM
Evaporated Water Rate: 2.05 GPM

Accessories

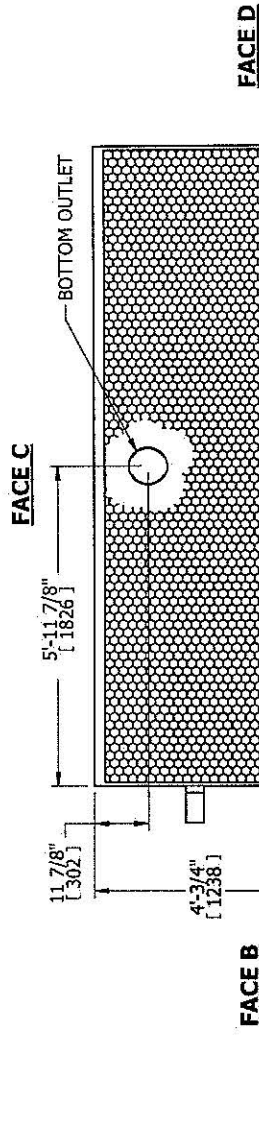
(1) IBC Standard Structural Design	(1) 1.0 Importance Factor Specified	(1) All Stainless Steel Panel Construction
(1) Oversized Outlet for Remote Sump; BFW; 6	(1) 316 Stainless Steel Coil	(1) Split Coil; 20 GPM 93.86 MBH 35%
(1) Nitrogen Charged Coil(s)	(1) Omit Pump	Propylene Glycol 105 F / 95 F / 78 F and 5.59 psi, 2" dia
(1) Fan Motor: Inverter Capable, Premium Efficient	(1) Fan Motor: Space Heaters	(1) CRN Coils
		(1) Pony Motors



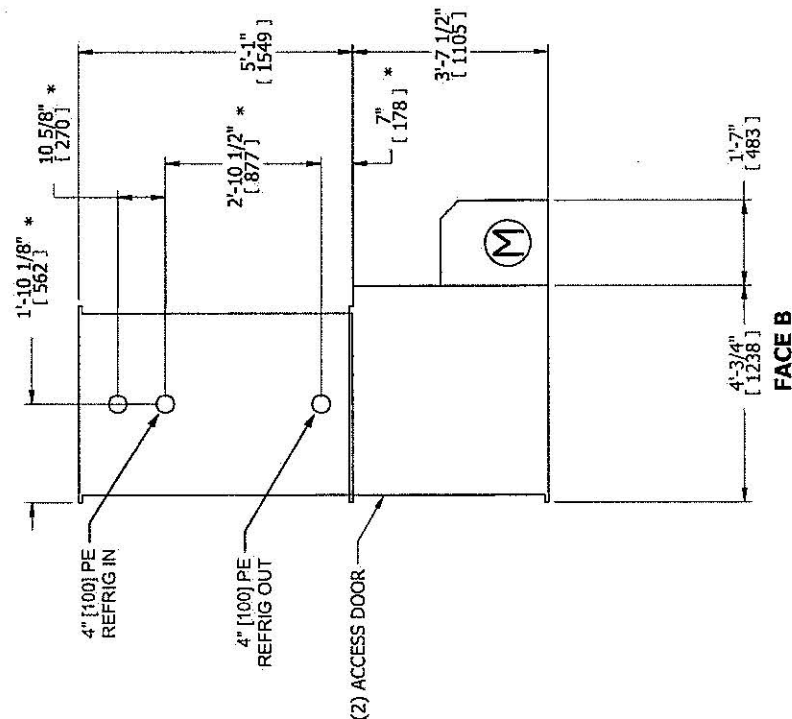
EVAPCO, INC.

NOTES:

1. (M)- FAN MOTOR LOCATION
2. MPT DENOTES MALE PIPE THREAD
FPT DENOTES FEMALE PIPE THREAD
BFW DENOTES BEVELED FOR WELDING
GVD DENOTES GROOVED
FLG DENOTES FLANGE
PE DENOTES PLAIN END
3. +UNIT WEIGHT DOES NOT INCLUDE ACCESSORIES (SEE ACCESSORY DRAWINGS)
4. 3/4" [19mm] DIA. MOUNTING HOLES. REFER TO RECOMMENDED STEEL SUPPORT DRAWING
5. DIMENSIONS LISTED AS FOLLOWS: ENGLISH FT IN [METRIC] [mm]
6. * - APPROXIMATE DIMENSIONS DO NOT USE FOR PRE-FABRICATION OF CONNECTING PIPING
7. HEAVIEST SECTION IS COIL SECTION
8. THE SPRAY PUMP SHOULD BE SIZED FOR 245 gpm [15.4 l/s] AND 1.5 psi [10.3 kPa] AT THE INLET CONNECTION(S)

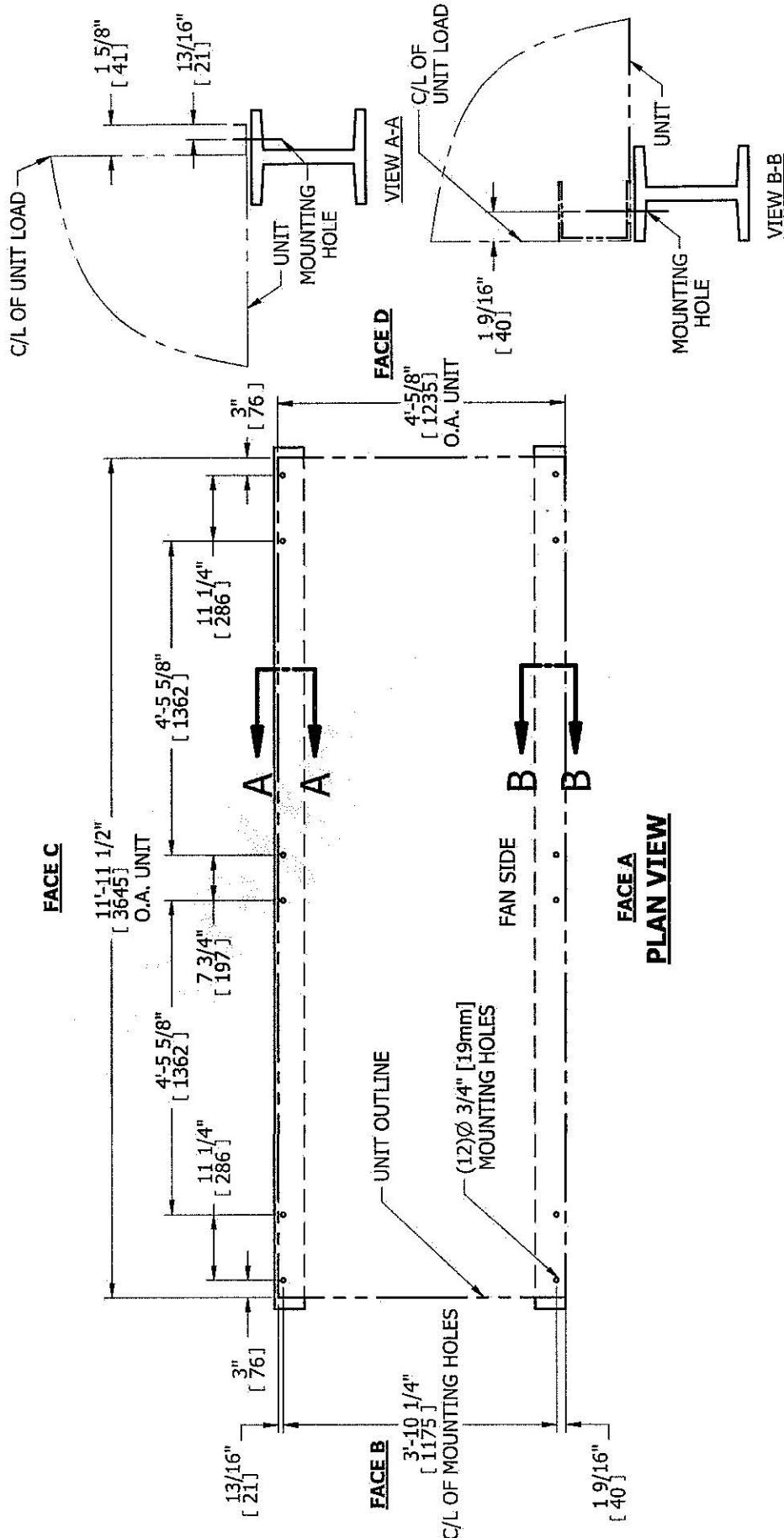


FACE B
PLAN VIEW



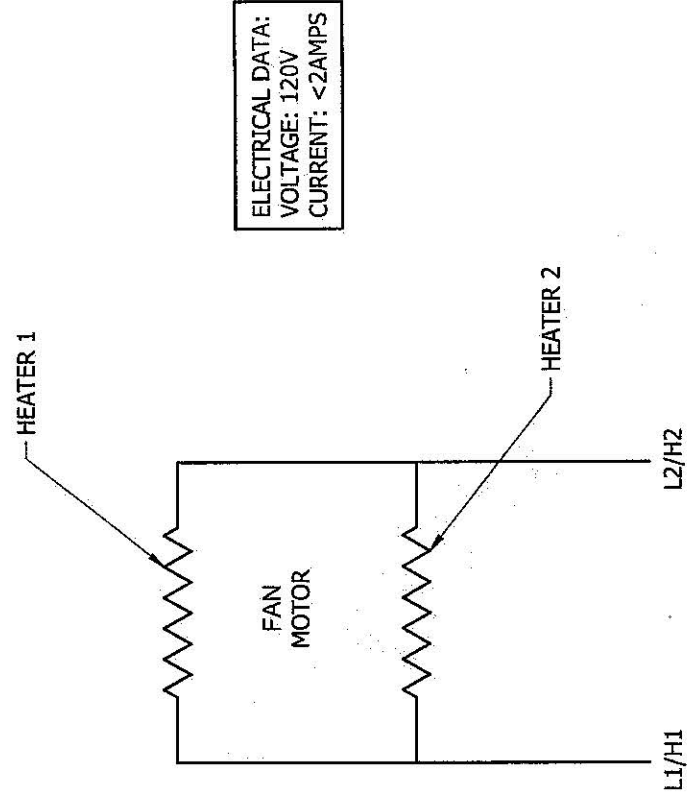
FACE B

SHIPPING WEIGHT	6330 lbs+ [2875] kg+	OPERATING WEIGHT	7300 lbs+ [3315] kg+	HEAVIEST SECTION WEIGHT	4520 lbs+ [2055] kg+	NO. OF SHIPPING SECTIONS	2	DRAWN BY:	TLS
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NOTES:

1. BEAMS SHOULD BE SIZED IN ACCORDANCE WITH ACCEPTED STRUCTURAL PRACTICES.
2. MAXIMUM DEFLECTION OF BEAM UNDER UNIT TO BE 1/360 OF UNIT LENGTH NOT TO EXCEED 1/2" [13mm].
3. DEFLECTION MAY BE CALCULATED BY USING 55% OF THE OPERATING WEIGHT AS A UNIFORM LOAD ON EACH BEAM. SEE CERTIFIED PRINT FOR OPERATING WEIGHT.
4. SUPPORT BEAMS AND ANCHOR HARDWARE ARE TO BE FURNISHED BY OTHERS.
5. ANCHOR HARDWARE TO BE ASTM A325 5/8" [16mm] BOLT OR EQUIVALENT.
6. BEAMS MUST BE LOCATED UNDER THE FULL LENGTH OF THE PAN SECTION.
7. SUPPORTING BEAM SURFACE MUST BE LEVEL, DO NOT LEVEL THE UNIT BY PLACING SHIMS BETWEEN THE UNIT MOUNTING FLANGE AND THE SUPPORTING BEAM.
8. THE FACTORY RECOMMENDED STEEL SUPPORT CONFIGURATION IS SHOWN. CONSULT THE FACTORY FOR ALTERNATE SUPPORT CONFIGURATIONS.
9. UNIT SHOULD BE POSITIONED ON STEEL SUCH THAT THE ANCHORING HARDWARE FULLY PENETRATES THE BEAM'S FLANGE AND CLEARS THE BEAM'S WEB.
10. DIMENSIONS LISTED AS FOLLOWS: ENGLISH FT-IN [METRIC] [mm]



NOTE:
 1. FAN MOTOR SPACE HEATERS SHOULD BE ENERGIZED WHEN MOTOR IS OFF TO PREVENT CONDENSATION IN THE MOTOR
 2. FAN MOTOR SPACE HEATERS MUST BE SWITCHED OFF WHEN MOTOR IS RUNNING

ACKNOWLEDGMENT AND ESTOPPEL

THIS ACKNOWLEDGMENT AND ESTOPPEL dated this ____ day of _____, 2021, by _____
(hereinafter called the "Proponent") in favour of

The Corporation of the Township of Lanark Highlands (hereinafter called the "Township")

WHEREAS the Township has issued a Request for Tender for the supply of certain Equipment (hereinafter called the "RFT");

AND WHEREAS the Proponent has submitted a Tender to the Township;

NOW THEREFORE in consideration of the Township's review and consideration of the Proponent's Tender:

1. The Proponent acknowledges the unique nature and character of the RFT as more particularly set out in the RFT documents to which this Acknowledgement and Estoppel is attached. Without limiting the foregoing, the Proponent specifically acknowledges and agrees that:
 - (a) The lowest, or in fact, any tender will not necessarily be selected for further negotiation;
 - (b) In the event that a Tender is selected, the Township will negotiate with the Proponent that presented the most attractive Tender to the Township; and
 - (c) The Township shall not be obligated in any manner to any Proponent whatsoever until a written Purchase Order has been duly executed by the Township relating to an approved Tender.
2. The Proponent waives any right to make any claim of any kind whatsoever against the Township for any liabilities, costs, expenses, losses or damages, whether actual or anticipated, that may be incurred, sustained or suffered by the Proponent prior or subsequent to or by reason of the Proponent's preparation or submission of a Tender in response to the RFT, or the selection or rejection by the Township of the Proponent's Tender or any other Tender, or any components thereof.

IN WITNESS WHEREOF an authorized officer of the Proponent has signed, sealed and delivered this Acknowledgment and Estoppel.

Name: _____ Title: _____

Signature: _____ Date: _____

"I HAVE AUTHORITY TO BIND"

Signature of Bidder: _____

Date Signed: _____

Date Signed

Signature of Authorized Person

Name of Firm

Position in Firm