

CITY OF CRETE, NEBRASKA  
CITY COUNCIL REGULAR MEETING

December 15, 2020

Notice of the meeting was given by posting and publishing in The Crete News, the appointed method for giving notice as shown by the Proof of Publication attached to the minutes. Advance notice of the meeting was also given to the Mayor and City Council. Pursuant to Section 84-1412(8) of the Nebraska Open Meetings Act, the City has posted a current copy of the Open Meetings Act, Laws of the State of Nebraska in the back of the Council Chambers. Additional copies are available to read. The City may consider items listed on the agenda in random order. All proceedings shown were taken while the meeting was open to the attendance of the public.

Those in attendance pledged allegiance to the flag.

1. Open Meeting
2. Roll Call
3. Items of Business
  - A. Discuss and provide a recommendation to the City Council on approving the Central States Group quote and authorizing the expenditure of approximately \$46,590 for noise control panels around the Library's chiller.
4. Officers' Reports
5. Adjournment

Mayor

(SEAL)

City Clerk

I, Judi Meyer, City Clerk for the City of Crete, hereby certify that the foregoing is a true and correct copy of the proceedings had and done by the Mayor and Council. I hereby certify that a copy of the Open Meetings Act was posted in the back of the Council Chambers. I certify that all of the subjects included in the foregoing proceedings were contained in the agenda for the meeting, kept continually current and available for public inspection at the office of the City Clerk. I certify that such subjects were contained in said agenda for at least twenty-four hours prior to said meeting and that at least one copy of all reproducible material discussed at the meeting was available at the meeting for examination and copying by members of the public. I certify that the minutes were in written form and available for public inspection within ten

working days and prior to the next convened meeting of the City Council. I certify that all news media requesting notification concerning meetings of the City Council were provided with advance notification of the time and place of said meeting and the subjects to be discussed.

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City Clerk

(S E A L)



# Central States Group

December 1, 2020  
Tom Ourada  
City of Crete

## Central States Group & Kinetics Noise Control Quote For The City Of Crete Library.

Central States & Kinetics Noise Control Inc. are pleased to submit the following quotation for the supply of your Chiller Noise Control. The following is the firm price; excluded are any items not specifically expressed in this proposal. The price is only bound by the qualifications and selection presented below. Kinetics Noise Control reserves the right to make any changes to pricing as new information and requested changes are presented.

### Product Summary

- **Chiller Noise Control**

### Kinetics Noise Control Acoustical Louver Barrier Wall System & KNP Panels

<i>Configuration</i>	L-shaped acoustical Louver barrier wall system with Absorption Panels on back wall.
<i>Dimensions</i>	16'-0" L x 13'-0" L x 12'-0" H <a href="#">Bottom 7'-0" H skirted with ultra-low, pressure loss acoustic louvers</a> <a href="#">Top 5'-0" H incorporates NOISEBLOCK™ panels</a>
<i>Acoustic LVR Model</i>	KCPL – F/1- 12" (deep) Hinged for easy maintenance access Pressure drop 0.09 inches WG at 33,000 cfm (half of unit total 66,000 cfm)
<i>Outer Casing</i>	16 GA solid Galvanized Steel G90
<i>Inner Lining</i>	22 GA perforated, Galvanized Steel G90
<i>Trim, Sealant, TEK screws</i>	Included and supplied as necessary
<i>Structural Steel</i>	<b>Finish:</b> HDG  <b>Description:</b> Structural steel components are designed to bolt together, no field welding required. The columns and base plates are supplied as factory welded assemblies. All included with factory drilled holes, bolts, washers and nuts. All structural steel is designed and supplied from the base plate and upwards. The design is based upon the assumption of "cast in place" anchors/foundation support system. Kinetics Noise Control is not responsible nor will comment on anything below the baseplates. All structural components will be made of steel.  Qty. = (5) columns/base plate assemblies  Base plate assemblies are 18 x 18 x 1.5" thick

**Corporate Headquarters**—8720 South 137th Circle Omaha, NE 68138

**Cedar Rapids**—520 50th Ave Dr. SW Cedar Rapids, IA 52404

**Minneapolis**—5104 Hillsboro Avenue North New Hope, MN 55428

**Marshall**—2702 290th Street Marshall, MN 56258



## Central States Group

<i>Trim and Flashing</i>	Included as necessary
<i>Finish</i>	Factory applied powder-coating (exterior grade), per Tiger Drylac Series 49 or Sherwin Williams Powdura and selection of Kinetics standard colors
<i>Model</i>	KNP: Flat – flush wall mounted 16' L x 11'6" H
<i>Construction</i>	Galvanized G90 (22 GA)
<i>Panel Thickness</i>	2"
<i>Acoustical Fill</i>	Standard KNC Acoustical Fill
<i>Bagging</i>	Standard Bagging (Black Polymer: Sealed Bagging)
<i>Mounting Brackets</i>	Flush mount attachment
<i>Panel Finish</i>	Factory applied powder-coating (exterior grade), per selection of Kinetics standard colors.
<i>Miscellaneous</i>	<ul style="list-style-type: none"> <li>- Engineered submittals and piece-marked installation drawings</li> <li>- P.E. stamped structural calculations per locally adopted IBC per state of Iowa.</li> <li>- Reaction forces at base plates for engineer or record to determine required foundation and foundation anchors.</li> </ul>

### Pricing Summary:

<i>Description</i>	<i>SELL PRICE</i>	
<b>NOISEBLOCK, KNP and KCPL system</b>	<b>Base</b>	<b>Without Option Add = \$ 37,707.00</b>
<b>Powder coat finish (louvers, panels, trim)</b>	<b>Option Add = \$ + 3,883.00</b>	<b>With Option Add = \$41,590.00</b>
Freight	Extra, Not Included In Sell Prices Below <b>Estimated; \$5,000.00</b>	

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### Note from John Sofra at Kinetics.

Pressure Loss acting upon chiller with proposed 12-inch clearance:

I searched the internet to find the cooling cfm of the fans for the specific Daikin Chiller model AGZ090EDSMMNN00, 90 ton unit. It should be confirmed by the mechanical engineer and chiller manufacturer, but I come up with 66,000 cfm. Only one side of the chiller is close-coupled with the barrier wall resulting in 33,000 cfm (66,000 cfm/2) flowing through the skirt of acoustic louvers with a cross sectional area of 16'-0" L x 7'-0" H. The resulting pressure loss is 0.082 inches WG across the acoustic louvers. In order to meet the required noise reduction, we are limited to using Kinetics model KCPL-F/2 acoustic louvers. We do have a safety factor as we will also include a 7'-0" H skirt of acoustic louvers along the 13'-0" L system wall which will reduce the pressure loss acting upon the chiller by an additional 15% reducing to 0.069 inches WG.

### Notes:

- Freight extra and not included in pricing. Estimated freight \$5,000.00, actual freight will be billed.
- Taxes are not included.
  
- **Lead times:**
  - Submittals: 2-3 weeks after receipt of purchase order.
  - Above lead time does not account for revisions/changes of scope.
  - Estimated ship: 8-10 weeks after receipt of "signed," approved submittal.
  - Lead times are based at time of quote and can vary at time of order. Actual ship date can vary due to workload and material availability at time of release.
  
- *Due to volatile market conditions, quotations are based upon the purchase of raw materials at current prices and valid until the earlier of 30 days or until such time as these materials can no longer be reasonably obtained at the current prices.*
  
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- Payment Terms are Net 30 days contingent upon credit approval.
- Deposits may be required prior to processing your order.
- Purchase orders should be issued to:
  - Central States Group
  - 8720 S. 137 Circle
  - Omaha, NE. 68130
  - Att: John Jones

***Thank you for the opportunity to Quote!***

**John Jones**  
Central States Group  
Noise & Vibration Division Manager  
402-690-8177  
[jjones@csgmail.com](mailto:jjones@csgmail.com)

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