

DANE COUNTY DEPARTMENT OF PUBLIC WORKS,
HIGHWAY AND TRANSPORTATION

PUBLIC WORKS DIVISION
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN 53713

**REQUEST FOR PROPOSALS NO. 311023
LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS FOR
THE VETERANS MEMORIAL COLISEUM
VETERANS MEMORIAL COLISEUM
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN**

Opening Date / Time: **MONDAY, JULY 18, 2011 / 2:00 P.M.**

Location: **PUBLIC WORKS OFFICE**

Performance / Payment Bond: **100% OF THE CONTRACT AMOUNT**

FOR INFORMATION ON THIS REQUEST FOR PROPOSALS, PLEASE CONTACT:

ROB NEBEL, ASSISTANT PUBLIC WORKS DIRECTOR
DANE COUNTY DEPARTMENT OF PUBLIC WORKS, HIGHWAY & TRANSPORTATION
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713
TELEPHONE NO.: 608/267-0119
FAX NO.: 608/575-0890
E-MAIL: NEBEL@COUNTYOFDANE.COM



County Executive
Joseph T. Parisi

DANE COUNTY DEPARTMENT of PUBLIC WORKS, HIGHWAY and TRANSPORTATION

1919 Alliant Energy Center Way ♦ Madison, Wisconsin 53713
Phone: (608) 266-4018 ♦ Fax: (608) 267-1533

Commissioner / Director
Gerald J. Mandli

June 30, 2011

INVITATION FOR PROPOSALS

You are invited to submit a professional cost proposal to provide and install a four-sided center hung LED video display, two fixed digit auxiliary LED display scoreboards, and two LED ribbon display message centers for the Veterans Memorial Coliseum in Madison, Wisconsin. The Proposals are due on or before **2:00 P.M., Monday, July 18, 2011.**

SPECIAL INSTRUCTIONS

Please be sure to complete an unbound and three bound copies of the entire proposal package. To submit your proposal, please follow these instructions:

1. Assemble Proposal as outlined in Requested Services and Business Information, Section 2.G.
2. Clearly label your envelope containing your proposal in the lower left-hand corner as follows:
"Proposal No. 311023
LED Video Display Scoreboards and Message Centers for the Veterans Memorial Coliseum"
3. Mail to:
Dane County Public Works
Attn: Rob Nebel
1919 Alliant Energy Center Way
Madison, WI 53713

If any additional information about this Request for Proposals is needed, please call Rob Nebel at 608/267-0119 or send email to Nebel@countyofdane.com.

Sincerely,

Rob Nebel
Dane County Assistant Public Works Director

Encl.: Request for Proposals No. 311023 Package

DOCUMENT INDEX FOR RFP NO. 311023

PROPOSAL REQUIREMENTS

- RFP Cover Page
- RFP Cover Letter
- Documents Index
- Invitation to Propose (Legal Notice)
- Signature Page
- Fair Labor Practices Certification
- Requested Services and Business Information
- Technical Specifications for LED Video Display Scoreboards and Message Centers
- Cost Summary Sheet
- Drawings
 - Schematic of Existing Ground Floor Plan of Message Centers
 - Schematic of Existing Seating Level Floor Plan of Centerhung Scoreboard, Message Centers, and Auxiliary Scoreboards
- Photographs
 - Interior View of Existing Center Hung Scoreboard, Message Center, and Auxiliary Scoreboard
 - Center Hung Scoreboard Wench and Wench Serial Number
 - Catwalk Control Wiring Box and Center Hung Scoreboard Wench

LEGAL NOTICE

INVITATION TO PROPOSE

Dane County Public Works, Highway & Transportation Dept., 1919 Alliant Energy Center Way, Madison, WI 53713, will receive sealed Proposals until:

2:00 P.M., MONDAY, JULY 18, 2011

REQUEST FOR PROPOSALS NO. 311023

LED VIDEO DISPLAY SCOREBOARDS & MESSAGE CENTERS

**ALLIANT ENERGY CENTER OF DANE COUNTY
1919 ALLIANT ENERGY CENTER WAY
MADISON, WISCONSIN**

Provide and install a four-sided, center hung LED video display, two fixed digit auxiliary LED display scoreboards and two LED ribbon display message centers for the Veterans Memorial Coliseum in Madison, Wisconsin.

A Request for Proposal package may be obtained at Dane County Public Works, Highway & Transportation Dept., 1919 Alliant Energy Center Way, Madison, WI 53713, by calling 608-266-4018, or downloading it from www.danepurchasing.com/rfps.aspx. Please call Rob Nebel at 608-267-0119 for additional information.

A mandatory vendor conference is scheduled for Monday, July 11, 2011 at 10:00 a.m. in the Administration Building, Public Works Conference Room, 1919 Alliant Energy Center Way, Madison.

All Proposers must be a registered vendor with Dane County and pay an annual registration fee before proposal opening date and time listed above. Complete Vendor Registration Form at www.danepurchasing.com or obtain one by calling 608-266-4131.

PUBLISH: JUNE 30 & JULY 7, 2011 – WISCONSIN STATE JOURNAL

JUNE 30 & JULY 7, 2011 – THE DAILY REPORTER



SIGNATURE PAGE

County of Dane
 DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
 Room 425, City-County Building
 210 Martin Luther King, Jr. Blvd.
 Madison, Wisconsin 53703
 (608) 266-4131

COMMODITY / SERVICE: LED Video Display Scoreboards and Message Centers for the Veterans Memorial Coliseum			
REQUEST FOR PROPOSAL NO.: 311023	PROPOSAL DUE DATE: 07/18/11	BID BOND: N/A	PERFORMANCE BOND: 100%
Receipt of the following addenda and inclusion of their provisions in this Proposal is hereby acknowledged:			
Addendum No(s):		through	Dated:
PROPOSAL INVALID WITHOUT SIGNATURE			
THE UNDERSIGNED, SUBMITTING THIS PROPOSAL, HEREBY AGREES WITH ALL TERMS, CONDITIONS AND REQUIREMENTS OF THE ABOVE REFERENCED REQUEST FOR PROPOSAL, AND DECLARES THAT THE ATTACHED PROPOSAL AND PRICING ARE IN CONFORMITY THEREWITH.			
SIGNATURE OF PROPOSER REQUIRED: (Do Not Type or Print)		DATE:	
SUBMITTED BY: (Typed Name)		TELEPHONE: (Include Area Code)	
COMPANY NAME:			
ADDRESS: (Street, City, State, Zip Code)			

CONTRACT COMPLIANCE PROGRAM WORKSHEET

- A. Dane County has an established Contract Compliance Program that encourages targeted groups identified below to do business with Dane County, and requires Dane County to actively solicit bids from these businesses.
- B. Information from your response to this worksheet will be entered in the Purchasing Division's Advanced Procurement Systems database to provide data that will be valuable to Dane County's Contract Compliance Program as well as establishing computerized bidder lists for future solicitations. All vendors will be added to the database whether or not they qualify as a targeted business.
- C. **Contract Compliance Program:** Following are abbreviated definitions of ethnic and group codes used by Contract Compliance Program. See reverse side for full definitions:
 - 1. DBE Disadvantaged Business Enterprise
 - 2. MBE Minority Business Enterprise
 - 3. WBE Women Business Enterprise
 - 4. ESB Emerging Small Business
- D. Please select category / categories that best describe your business by marking letter for each column in box provided at bottom of column:

<input type="checkbox"/> D	DBE	<input type="checkbox"/> B	African American	<input type="checkbox"/> L	Male	<input type="checkbox"/> E	ESB
<input type="checkbox"/> M	MBE	<input type="checkbox"/> H	Hispanic American	<input type="checkbox"/> F	Female		
<input type="checkbox"/> W	WBE	<input type="checkbox"/> N	Native American / American Indian				
		<input type="checkbox"/> A	Asian Pacific American				
		<input type="checkbox"/> I	Asian-Indian American				
↓		↓		↓		↓	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

- E. I hereby certify that all of the above information given is true. If no category / categories are marked, I do not meet the requirements for any of the targeted groups.

Signature: _____ Date: _____

DANE COUNTY CONTRACT COMPLIANCE PROGRAM DEFINITIONS

- A. Disadvantaged Business Enterprise (DBE):** A small business concern:
1. Which is at least fifty-one percent (51%) owned by one or more socially and economically disadvantaged individuals, or in the case of any publicly owned business, at least fifty-one percent (51%) of the stock of which is owned by one or more socially and economically disadvantaged individuals; and
 2. Whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.
 3. Socially and Economically Disadvantaged Individuals:
 - a) Any person having a current Section 8 (a) Certification from the Small Business Administration is considered socially and economically disadvantaged.
 - b) Individuals who are citizens of the United States (of lawfully permanent residents) are socially and economically disadvantaged:
 - 1) Women;
 - 2) Black Americans, which includes persons having origins in any of the black racial groups of Africa;
 - 3) Hispanic Americans, which includes persons of Mexican, Puerto Rican, Cuban, Central, or South American, or other Spanish or Portuguese culture or origin, regardless of race;
 - 4) Native Americans, which includes persons who are American Indians, Eskimos, Aleuts, or Native Hawaiians;
 - 5) Asian-Pacific Americans, which includes persons whose origins are from Burma, Thailand, Malaysian, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia, the Philippines, Samoa, Guam, the U.S. Trust territories of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, or the Commonwealth of the Northern Mariana Islands; and
 - 6) Asian-Indian Americans, which includes persons whose origins are from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal.
- B. Minority Business Enterprise (MBE):** A minority person(s) owned and controlled independent and valid business concern. A minority person(s) must own fifty-one percent (51%) of the business and must control the management daily operation of the business.
- C. Women Owned Enterprise (WBE):** A woman or women owned and controlled independent and valid business concern. A woman or women must own fifty-one percent (51%) of the business and must control the management daily operation of the business.
- D. Emerging Small Business (ESB):**
1. An independent business concern that has been in business for at least one (1) year.
 2. Business is located in the State of Wisconsin.
 3. Business is comprised of less than twenty-five (25) employees.
 4. Business must not have gross sales in excess of three million over the past three (3) years.
 5. Business does not have a history of failing to complete projects.

THIS PAGE IS FOR PROPOSERS' REFERENCE AND NEED NOT BE SUBMITTED WITH PROPOSAL.

PROPOSERS SHOULD BE AWARE OF THE FOLLOWING:

DANE COUNTY VENDOR REGISTRATION PROGRAM

Any person proposing on any County contract must be registered with the Dane County Purchasing Division & pay an annual registration fee. A contract will not be awarded to an unregistered vendor. Complete a Vendor Registration Form at:
www.danepurchasing.com/registration
or obtain one by calling 608/266-4131.

EQUAL BENEFITS REQUIREMENT

By submitting a Proposal, the contractor / consultant acknowledges that a condition of this contract is to provide equal benefits as required by Dane County Code of Ordinances Chapter 25.016. Contractor / Consultant shall provide equal benefits as required by that Ordinance to all required employees during the term of the contract. For more information: www.danepurchasing.com/partner_benefit.aspx

FAIR LABOR PRACTICES CERTIFICATION

The undersigned, for and on behalf of the BIDDER, APPLICANT or PROPOSER named herein, certifies as follows:

A. That he or she is an officer or duly authorized agent of the above-referenced BIDDER, APPLICANT or PROPOSER, which has submitted a proposal, bid or application for a contract with the county of Dane.

B. That BIDDER, APPLICANT or PROPOSER has (check one):

_____ not been found by the National Labor Relations Board (“NLRB”) or the Wisconsin Employment Relations Commission (“WERC”) to have violated any statute or regulation regarding labor standards or relations in the seven years prior to the signature date of this Certification.

_____ been found by the National Labor Relations Board (“NLRB”) or the Wisconsin Employment Relations Commission (“WERC”) to have violated any statute or regulation regarding labor standards or relations in the seven years prior to the signature date of this Certification.

Officer or Authorized Agent Signature

Date

Printed or Typed Name and Title

Printed or Typed Business Name

NOTE: You can find information regarding the violations described above at: www.nlr.gov and werc.wi.gov.

For reference, Dane County Ordinance 25.11(28)(a) is as follows:

(28) BIDDER RESPONSIBILITY. (a) Any bid, application or proposal for any contract with the county, including public works contracts regulated under chapter 40, shall include a certification indicating whether the bidder has been found by the National Labor Relations Board (NLRB) or the Wisconsin Employment Relations Committee (WERC) to have violated any statute or regulation regarding labor standards or relations within the last seven years. The purchasing manager shall investigate any such finding and make a recommendation to the committee, which shall determine whether the conduct resulting in the finding affects the bidder’s responsibility to perform the contract.

If you indicated that the NLRB or WERC have found you to have such a violation, you must include copies of any relevant information regarding such violation with your proposal, bid or application.

REQUESTED SERVICES AND BUSINESS INFORMATION

1. General Information

A. Introduction

1. The purpose of this document is to provide interested parties with information to enable them to prepare and submit a proposal to provide and install a four sided centerhung LED video display, two fixed digit auxiliary LED display scoreboards and two LED ribbon display message centers in the Veterans Memorial Coliseum.
2. The County intends to use the results of this process to award a contract or issuance of purchase order for the products and or services stated above.
3. The contract resulting from this RFP will be administered by Dane County Public Works.
4. The contract administrator will be Rob Nebel, Dane County Public Works Director or his designee.
5. This Request for Proposal (RFP) is issued on behalf of Dane County Department of Public works, which is the sole point of contact for the County during the procurement process.

B. Scope of the Project

1. Project Description: Provide and install a four sided centerhung LED video display, two fixed digit auxiliary LED scoreboards and two LED ribbon display message centers, including all necessary controllers, connectors, monitors, video processors, fiber optic/wire cables, digital media player, message display control computer, software and all necessary parts and materials to provide a fully operational system. New equipment must provide similar advertising exposure as presently exists in all areas. This RFP does not include the centerhung hoist or structural modifications for anticipated dead load of new centerhung display.
2. Objectives: The new video display scoreboard and message centers will be utilized as scoreboards, video replay boards, and for messaging the attendees of events in the Coliseum.
3. Needs: The scoreboard function must be capable of providing scoring for football, ice hockey, basketball, volleyball, roller derby, auction, curling and lacrosse. The message centers must be able to display event messages, and advertising. Advertising panels must be equivalent to panels in existing system.
4. Current Operations: The Coliseum has a Fairtron/Fairplay model A150 Basketball/Hockey, centerhung, four sided, scoreboard. Fixed digit auxiliary scoreboards and lamp based message centers.

C. Definitions

The following definitions are used throughout the RFP.

1. County means Dane County
2. County Agency means Department/Division utilizing the service or product
3. Proposer/Vendor means a firm submitting a proposal in response to this RFP
4. Contractor means proposer awarded the contract

D. Clarification of the specifications

1. All inquiries concerning this RFP must be directed to the person indicated on the cover page of the RFP Document. (electronic mail is the preferred method)
2. Any questions concerning this RFP must be submitted in writing by mail, fax or e-mail on or before the stated date on the **Calendar of Events** (see Section 1.F.1. of RSBI)
3. Proposers are expected to raise any questions, exceptions, or additions they have concerning the RFP document at this point in the RFP process. If a proposer discovers any significant ambiguity, error, conflict, discrepancy, omission, or other

deficiency in this RFP, the proposer should immediately notify the contact person of such error and request modification or clarification of the RFP document.

Mailing Address:

**Dane County Department of Public Works
Attn: Rob Nebel
1919 Alliant Energy Center Way
Madison, Wisconsin 53713**

4. Proposers are prohibited from communicating directly with any employee of Dane County, except as described herein. No County employee or representative other than those individuals listed as County contacts in this RFP is authorized to provide any information or respond to any question or inquiry concerning this RFP.
- E. Addendums and /or Revisions
1. In the event that it becomes necessary to provide additional clarifying data or information, or to revise any part of this RFP, revisions/amendments and/or supplements will be posted on the Dane County Department of Public Works web site at www.countyofdane.com/pwht/bid/.
 2. It shall be the responsibility of the proposers to regularly monitor the Dane County Department of Public Works web site for any such postings. Proposers must acknowledge the receipt / review of any addendum(s) at the bottom of the RFP Cover Page /Signature Affidavit.
 3. Each proposal shall stipulate that it is predicated upon the terms and conditions of this RFP and any supplements or revisions thereof.
- F. Calendar of Events
1. Listed below are specific and estimated dates and times of actions related to this RFP. The actions with specific dates must be completed as indicated unless otherwise changed by the County. In the event that the County finds it necessary to change any of the specific dates and times in the calendar of events listed below, it will do so by issuing a supplement to this RFP and posting such supplement on the Dane County Department of Public Works web site at www.countyofdane.com/pwht/bid/. There may or may not be a formal notification issued for changes in the estimated dates and times.

<u>DATE</u>	<u>EVENT</u>
July 5, 2011	RFP issued
July 11, 2011	Vendor conference
July 13, 2011	Last day for submitting written inquiries (2:00 p.m. Central Time)
July 15, 2011	Supplements or revisions to the RFP posted on the Dane County Department of Public Works website at www.countyofdane.com/pwht/bid/
July 18, 2011	Proposals due from vendors
August 1, 2011	Oral presentations by invited vendors
August 5, 2011	Notification of intent to award sent to vendors
September 22, 2011	Contract start date
December 12, 2011	Contract complete

- G. Vendor Conference
1. A mandatory conference will be held to respond to written questions, to provide any needed additional instruction to vendors on the submission of proposals, and give a tour of the Veterans Memorial Coliseum facility. All vendors who intend to respond to the RFP shall attend the vendor conference. If a vendor fails to attend the conference and submits a proposal, the proposal will be rejected.

Date: July 11, 2011

Time: 10 AM

Location:

Administration Building, Public Works Conference Room

**Alliant Energy Center of Dane County
1919 Alliant Energy Center Way
Madison, WI 53713**

- H. Contract Term and Funding
 - 1. The contract shall be effective on the date indicated on the purchase order or the contract execution date and shall run for one year from that date.
- I. Reasonable accommodations
 - 1. The county will provide reasonable accommodations, including the provision of informational material in an alternative format, for qualified individuals with disabilities upon request. If you need accommodations at a proposal opening/vendor conference, contact the Dane County Department of Public Works at (608) 267-0119 (voice).
 - 2. All work will have to be coordinated around events occurring at the Veterans Memorial Coliseum.
- 2. Preparing and submitting a proposal
 - A. General Instructions
 - 1. The evaluation and selection of a contractor and the contract will be based on the information submitted in the proposal plus references and any required on-site visits or oral interview presentations. Failure to respond to each of the requirements in the RFP may be the basis for rejecting a response.
 - 2. Elaborate proposals (e.g. expensive artwork) beyond that sufficient to present a complete and effective proposal, are not necessary or desired.
 - B. Proprietary Information
 - 1. All restrictions on the use of data contained within a proposal and all confidential information must be clearly stated on the attached "Designation of Confidential and Proprietary Information" form. Proprietary information submitted in a proposal, or in response to the RFP, will be handled in accordance with the applicable Wisconsin State Statute(s).
 - 2. To the extent permitted by law, it is the intention of Dane County to withhold the contents of the proposal from public view until such times as competitive or bargaining reasons no longer require non-disclosure, in the opinion of Dane County. At that time, all proposals will be available for review in accordance with the Wisconsin Open Records Law.
 - C. Incurring Costs
 - 1. Dane County is not liable for any cost incurred by proposers in replying to this RFP.
 - D. Vendor Registration
 - 1. **All proposers wishing to submit a proposal must be a paid registered vendor with Dane County.** Prior to the RFP opening, you can complete a registration form online by visiting our web site at www.danepurchasing.com, or you can obtain a Vendor Registration Form by calling 608.266.4131. Your completed Vendor Registration Form and Registration Fee must be received for your proposal to be considered for an award.
 - E. Submittal Instructions
 - 1. Proposals must be received by the Dane County Department of Public Works by the specified time stated on the cover page. All proposals must be time-stamped in by the Dane County Department of Public Works by the stated time. Proposals not so stamped will not be accepted. Proposals received in response to this solicitation will not be returned to the proposers.
 - 2. All proposals must be packaged, sealed and show the following information on the outside of the package:
 - Proposer's name and address

Request for proposal title
Request for proposal number
Proposal due date

F. Required Copies

1. Proposers must submit **one unbound and three bound copies** of all materials required for acceptance.
2. All hard copies of the proposal must be on 8.5"x11" individually securely bound. **In addition, proposers must submit one complete electronic copy in Microsoft Word or PDF format burned to a CD or DVD.**

G. Proposal Organization and Format

1. Proposals should be organized and presented in the order and by the number assigned in the RFP. Proposals must be organized with the following headings and subheadings. Each heading and subheading should be separated by tabs or otherwise clearly marked. The RFP sections which should be submitted or responded to are:
 - a) Cover Page
 - b) Table of Contents
 - c) Signature Page
 - d) Fair Labor Practices Certification
 - e) Information and answers to the general proposal requirements section (Section 4 of RSBI.)
 - f) Demonstration of a thorough understanding of project and Owner's goals by providing a clear description of the proposed scope.
 - g) Provide a schedule listing tentative dates of project phases and deliverables. Schedule should depict shortest overall duration without compromising thoroughness of investigation. Clearly note any exceptions or limitations to the scope outlined in the RFP you wish to be included in Agreement.
 - h) Description of team's qualifications, experience, organization, and resources. This description must pay specific attention to the scope of this project. This description must include:
 - i. Organization of team's members.
 - ii. Team members respective role in the project.
 - iii. Team members experience with attention paid to scope of this project.
 - iv. Firms experience with projects with similar scopes of this project.
 - v. Past projects similar to this project with references.
 - i) Completion of the attached Cost Summary Sheet

H. Multiple Proposals

1. Multiple proposals from a vendor will be permissible, however each proposal must conform fully to the requirements for proposal submission. Each such proposal must be separately submitted and labeled as Proposal #1, Proposal #2, etc.

I. Oral Presentations and Site Visits

1. Top ranked selected proposers shall be required to make oral interview presentations and/or site visits to supplement their proposals, if requested by the County. The County will make every reasonable attempt to schedule each presentation at a time and location that is agreeable to the proposer. Failure of a proposer to conduct a presentation to the County on the date scheduled may result in rejection of the vendor's proposal.

3. Proposal Selection and Award Process

A. Preliminary Evaluation

1. The proposals will first be reviewed to determine if mandatory requirements are met. Failure to meet mandatory requirements will result in the proposal being

rejected. In the event that all vendors do not meet one or more of the mandatory requirements, the County reserves the right to continue the evaluation of the proposals and to select the proposal which most closely meets the requirements specified in this RFP.

B. Proposal Scoring

1. Accepted proposals will be reviewed by an evaluation team and scored against the stated criteria. This scoring will determine the ranking of vendors based upon their written proposals. If the team determines that it is in the best interest of the County to require oral presentations, the highest ranking vendors will be invited to make such presentations. Those vendors that participate in the interview process will then be scored, and the final ranking will be made based upon those scores.

C. Right to Reject Proposals and Negotiate Contract Terms

1. The County reserves the right to reject any and all proposals and to negotiate the terms of the contract, including the award amount, with the selected proposer prior to entering into a contract. If contract negotiations cannot be concluded successfully with the highest scoring proposer, the County may negotiate a contract with the next highest scoring proposer.

D. Evaluation Criteria

1. The proposals will be scored using the following criteria:

Description	Percent
1. General Requirements	30
a. Demonstrated successful manufacture, installation, and service of video replay boards similar to those recommended for the Coliseum – 5 years minimum. Vendor will provide what it considers a sufficient list of references that including, but are not limited to: venue, product installed (size, specs), date of installation, venue contact including phone number, and color photos depicting installation and a video transmission on the screen. Last 5 years audited financial statements provided.	20
b. Demonstrated excellent service of video replay boards similar to those recommended for the Coliseum – timely response, emergency repairs, cost of service to AEC	10
2. Technical Requirements	40
a. Proposal meets/contains/exceeds all the requirements noted in project scope.	25
b. Min pixel count 160 x 208 (matrix size) = Minimum 33,200 pixels, NO virtual pixels are included in the proposal	5
c. Proposal is a turnkey offer	5
d. Quality of product warranty	5
3. Cost	30
Total	100

E. Award and Final Offers

1. The award will be granted in one of two ways. The award may be granted to the highest scoring responsive and responsible proposer. Alternatively, the highest scoring proposer or proposers may be requested to submit final and best offers. If

final and best offers are requested, they will be evaluated against the stated criteria, scored and ranked. The award will then be granted to the highest scoring proposer.

F. Notification of Intent to Award

1. As a courtesy, the County may send a notification of award memo to responding vendors at the time of the award.

4. General Proposal Requirements

A. Introduction

1. State the name and main office address of the proposer. The responding organization should have a depth of experience in LED Video Display installation services related at public assembly entertainment facilities. Describe the company's organization including the following information in relation to the above listed consulting services:
2. When was the company organized?
3. What is the legal form of ownership? If a corporation, where is the company incorporated?
4. Indicate the company's size and structure, with emphasis on the office(s) that will serve Dane County. If the company is multi-state in nature, limit your discussion to those offices that will be involved in the Dane County contract.
5. Describe the types of services & activities provided by the local office serving Dane County.
6. The location of the office from which services will be provided, and the range of services provided at that office.
7. Provide the name, title, address and telephone number of the person to whom all inquiries about this proposal should be addressed.

B. Organization Capabilities

1. Describe the company's experience and capabilities in providing similar services to those required. Be specific and identify projects, dates, and results and include the following information:
2. Number of years engaged in LED Video Display manufacture and installation under the company's present name.
3. The range of experience of the proposed personnel to provide services to Dane County.
4. Indicate the company's experience in performing similar work for multipurpose entertainment facilities.
5. Indicate if your company has ever failed to complete any work awarded to it. If it has, please indicate the date, where and why?

C. Staff Qualifications

1. Provide resumes describing the educational and work experiences for each of the key staff who would be assigned to the project.

D. Proposer References

1. Proposers must include in their RFPs a list of organizations, including points of contact (name, address, and telephone number), which can be used as references for work performed in the area of service required. Selected organizations may be contacted to determine the quality of work performed and personnel assigned to the project.

E. Mandatory Requirements

The following general requirements are mandatory and must be complied with.

1. Provide information to demonstrate successful manufacture, installation, and service of video replay boards similar to those recommended for the Coliseum – 5 years minimum.

2. Vendor shall demonstrate a strong financial basis to indicate the likelihood of a presence in the video replay board industry 5 years going forward. The last five years of audited financial statements will be provided.
3. Vendor shall demonstrated successful manufacture, installation, and service of video replay boards for public assembly facilities greater than 20 years old.
4. Proposer shall provide a cost for a performance/payment bond equal to 100% of the contract amount. Dane County may exercise this option. Price to be stated in the Cost Summary Sheet.

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

SECTION 11480
ALLIANT ENERGY CENTER DISPLAY BOARDS

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

PART 1 – OVERVIEW OF TECHNICAL REQUIREMENTS

1. REFERENCES

- A. Standard for Electric Signs, ETL listed
- B. Standard for Control Centers for Changing Message Type Signs
- C. Federal Communications Commission Regulation Part 15
- D. National Electric Code

2. SUBMITTAL

- A. The Proposer shall provide a complete technical submittal within 60 days of contract award and shall not proceed with LED video display manufacture until the owner has approved the submittal.

Submit:

- 1. All LED display manufacturer qualifications, as specified herein.
- 2. Pricing for a turnkey installation, including pricing for the provision and installation of all items necessary to provide a complete, workable and operational system (excluding the hoist equipment).
- 3. LED display shop drawing, including scoreboard weight.
- 4. System riser diagram.
- 5. Display power requirements, including legs and amps per leg.
- 6. LED display control software operator's manual.
- 7. LED display installation and maintenance manual.
- 8. List of spare parts that will be provided for each display component.
- 9. Equipment or scope-of-work responsibilities not specifically addressed in these specifications, but realized by the Proposer to be essential for system installation and functionality.

3. QUALITY ASSURANCE

- A. For indoor use.
- B. Source Limitations: Obtain each display component from a single manufacturer.
- C. ETL listed to UL Standards 48 and 1433
- D. NEC compliant
- E. FCC Class A Compliant
- F. ETLC listed to CAN/CSA 22.2

4. QUALIFICATIONS

Proposer shall:

- A. Provide financial records for the previous five (5) years.
- B. Provide a minimum of ten (10) facilities (name of facility, installation photo, contract name, title, address and phone number) where similar Proposer-proposed product is installed.

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

- C. Have been in the business of manufacturing permanently mounted outdoor displays for a minimum period of five (5) years prior to the contract proposal date.
- D. Design the module, design and build the circuitry and circuit boards, take the core components (discreet LEDs, transistors, resistors, circuit boards, power supplies, etc.), assemble and integrate the units, calibrate for uniformity, assemble into the mounting structure and create a video processor to drive live video through the display.
- E. Provide a toll-free help desk number that will be manned during normal business hours.

Documentation that proves the proposal complies with these requirements shall be provided with the LED display manufacturer's proposal submittal. This submittal shall also include references and project information for all of the systems referenced above, including:

- F. Equipment owner/operator agency name.
- G. Contact person name, telephone number, fax number, and e-mail address.
- H. Display system name and location of operations control center (project name/number).
- I. Display quantity.
- J. Display commissioning date (first date of successful on-site operation).
- K. LED display size (pixel rows by pixel columns) and type (full-color video LED display).
- L. Display housing access.
- M. Type of communications backbone used (fiber optic, cable, direct, etc.).

Experience with manufacturing the following types of electronic sign products shall not satisfy the requirements of this LED display specification:

- N. Backlit displays.
- O. Split-flap displays.
- P. Displays that have a pixel technology comprised of something other than high-intensity light emitting diodes (LED). Examples of unacceptable technologies are incandescent lamp, liquid crystal, fiber optic, flip disk, flip-fiber combination, and flip-LED combination.

5. DELIVERY, STORAGE & HANDLING

- A. Product delivered on site.
- B. Equipment to be housed in a clean, dry environment.
- C. Equipment shall be quoted FOB Madison, Wisconsin via independent carrier.
- D. Proposer shall deliver, install and make operational all equipment prior to December 12, 2011.
- E. Proposer shall be responsible for the disassembly, removal, electrical disconnect and disposal of the existing centerhung display.

6. WARRANTY/SERVICE PLAN

There shall be a one-year on-site labor and parts warranty. Warranty shall cover:

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

- A. Repair center repair or replacement of components for Contractor-supplied control equipment.
- B. Bench labor.
- C. Freight to customer for return of repaired parts.
- D. Repair, replacement of electronic components in contractors repair center.
- E. Technical hotline assistance/phone consultation available at no cost to the owner.
- F. Weekend technical phone assistance.
- G. Exchange parts available for same-day shipment.
- H. Provide an exchange program to supply replacement parts for components that fail during the coverage period. To minimize downtime exchange parts shall be shipped on either the same day or the following day following notification. The manufacturer shall also enclose an air bill for return of the defective components.

7. OWNER'S INSTRUCTIONS

- A. These specifications shall act as a description of the minimum display system desired by the owner. Proposer are not encouraged to offer alternatives, except when specifically requested within these specifications.
- B. Upon completion of the installation, a member of the Contractor's staff must conduct a training program to provide the Owner's staff with operating, basic preventative maintenance and system level troubleshooting knowledge of all equipment subsystems. Conduct this training program at the project location or at a location selected by the Owner. Schedule at the mutual convenience of the Owner and Installer, after demonstration and acceptance testing.
- C. Proposer to provide training materials free from any copyright restrictions, and upon request from the Owner, furnish a reproducible set of these materials.

8. MAINTENANCE

- A. Service accessibility for all display components shall be from the front and the rear.
- B. A proposed maintenance program with a list of recommended spare parts shall be part of the Proposer proposal along with associated costs.
- C. Proposal shall include detailed information regarding service accessibility of all display components.

PART 2 – DESIGN ITEMS

1. MANUFACTURERS

- A. Daktronics, Inc., 331 32nd Avenue, P.O. Box 5128, Brookings, South Dakota 57006-5128
- B. White Way Sign Company, 451 Kingston Court, Mount Prospect IL, 60056
- C. Approved Equal

2. PRODUCT SECTIONS

- A. LED Video Displays, Fixed Digit Auxiliary LED Scoreboards and LED Ribbon Display Message Centers
- B. Digital media player

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

- C. Video processors
 - D. Message Center control system
3. LED VIDEO DISPLAY – CENTERHUNG SCOREBOARD
- A. General Information
 - 1. Pixel Design: 3-in-1 surface-mount device.
 - 2. Minimum Resolution: No less than 192 x 320 pixels in height and pixels in length.
 - 3. Minimum Active Viewing Area: Approximately 6' 7" (2006 mm) in height and 10' 9" (3276 mm) in length.
 - B. Display Capabilities
 - 1. Color Capability: 144 quadrillion colors.
 - 2. Refresh Rate: 1,000 Hz as defined by the number of times per second the display image is repainted in intensity.
 - C. Video Processor
 - 1. Video Frame Rate: 50/60 frames per second.
 - 2. Graphic Frame Rate: 30 frames per second.
 - 3. Processing Architecture: 19-bit.
 - 4. System Architecture: 100% digital.
 - 5. Video Enhancement: Color space conversion, adjustable gamma correction, proprietary sharpening technology and enhancement algorithms for optimal picture quality.
 - 6. Standards Supported: NTSC, PAL and HDTV.
 - 7. Required Video Inputs: Analog composite (BNC), S-Video (4 pin mini-DIN), analog component (BNC) and SDI SMPTE, ITU-R BT.601-4 (BNC).
 - D. LED Quality
 - 1. Suppliers: Nichia Corporation or approved equal
 - 2. Quality Control: Sorted by intensity and color wavelength.
 - 3. LED Lifetime: 100,000 hours of operation as defined by time at which display intensity has decreased to 50 percent of the original intensity.
 - E. Display Construction
 - 1. Service Access: Front or rear.
 - 2. Cabinet Depth: 10.7"
 - 3. Cabinet Construction: All-aluminum construction for lightweight and corrosion resistance.
 - 4. Ability to disconnect from hoist system.
 - 5. Transport wheels integral to structure.
4. LED Fixed Digit Auxiliary Scoreboard
- A. General Information
 - 1. Minimum Dimensions: 4'-0" (1219 mm) high, 14'-0" (4267 mm) wide, 0'-6" (152 mm) deep
 - 2. AD Panels: 3'-8" (1117 mm) high x 2'-8" (812 mm) wide backlit panels at each end of active matrix
 - B. Construction
 - 1. All-aluminum construction

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

2. Scoreboard face and perimeter: 0.063” thick
3. Scoreboard back: 0.050” thick
4. Digit faceplates: 0.063” thick
5. Scoreboard must be able to withstand high-velocity impact from indoor sports balls and hockey pucks without the need for protective screens.
- C. Digits
 1. AS AlInGaP LED digits
 2. Seven bar segments per digit
 3. Clock and score digits: 18” (457 mm) high
 4. PERIOD digit: 13” (330 mm)
 5. Clock, colon, period digits, and bonus indicators: amber LEDs
 6. Score digits and possession indicators: red LEDs
- D. Captions
 1. HOME and GUEST captions: 8” (203 mm) high
 2. PERIOD caption: 6” (152 mm) high
 3. All captions: white vinyl applied directly to scoreboard face
- E. Horn
 1. Vibrating horn: mounts behind scoreboard face
 2. Sounds automatically when period clock counts down to zero
 3. Sounds manually as directed by operator
- F. Power Cord
 1. Cord plugs into a standard grounded 120 V AC outlet
5. Scoreboard Controller
 - A. Console is an All Sport® 5000 controller or approved equal
 - B. Capable of scoring basketball, volleyball, wrestling, hockey, soccer, handball, lacrosse, football, and tennis through the use of keyboard inserts
 - C. Capable of controlling other All Sport controlled scoreboards
 - D. Console has a maximum power requirement of 6 watts
 - E. Console recalls clock, score, and period information if power is lost
 - F. Console includes:
 1. A rugged aluminum enclosure to house electronics
 2. A sealed membrane water-resistant keyboard
 3. A 32-character liquid crystal prompting display to verify entries and recall information currently displayed
 4. A 6’ (1829 mm) power cord to plug into a standard grounded 120 V AC outlet
 5. A 20’ (6096 mm) control cable to connect to the control receptacle junction box
 6. A practice timer mode
 - a) Can sound the horn at the end of each segment
 - b) Has 99 programmable segments
 - c) Displays the segment number and segment length
 - d) Has a programmable interval time
6. Digital Media Player

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

- A. Minimum Standard Hardware Features
 - 1. Windows® XP Embedded
 - 2. 32 bit video card (with 512 MB of RAM)
 - 3. Celeron® M processor (1.7 GHz)
 - 4. 1 GB of DDR2 SDRAM
 - 5. 80 GB hard disk drive
 - 6. Inputs: CATV, Composite, S-Video
 - 7. Outputs: VGA, HDMI, Composite, DVI
- B. General Software Features
 - 1. Scheduling
 - a) Must contain a scheduler to automatically change content on a predetermined schedule.
 - b) Schedule verification to detect errors.
 - 2. Distribution
 - a) Server must control multiple displays directly.
 - b) Must be capable of sharing files between workstations.
 - c) Distribute over local area network or wide area network.
 - 3. Playback
 - a) Must provide event logging and error tracking capabilities.
 - b) Must provide proof-of-performance reports for advertisers.
 - c) Must provide detailed customer information.
 - d) Allow versatile filtering options.
 - e) Must allow flexible reporting and formatting.
 - f) Must be capable of making changes in real-time on any or all displays.
 - 4. Capabilities
 - a) Windows® XP operating system shall allow the use of other display software.
 - b) Support 720p full motion video
 - c) Animation rates of up to 60 frames per second.
 - d) Shall support optional input devices such as a mouse, track ball, scanner and video image reader.
 - e) Automatic rebooting of system disk shall occur after power outage; system clock and calendar shall continue to function during power failure.
 - f) Menu-guided control shall provide ease of operation.
 - g) Password protection system shall restrict access.
 - h) Easy access, operator-editing icons shall provide language independent programming.
 - i) Icon and pull-down menu programming features.
 - j) Mouse or keyboard operation.
 - k) Networking software feature.
 - l) Must be compatible with multiple display types (LCD, LED, plasma, projection, and CRT).
 - m) Proposer must provide technical support.
 - 5. Software Display Functions
 - a) Ability to receive and display real-time data.

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

- b) Ability to control and download to remote displays.

7. VIDEO PROCESSORS

- A. Standards Accepted
 - 1. VGA<DVI
 - 2. SDI (480i, 480p, 720p, 1080i)
- B. Input Formats
 - 1. Four (4) SDI/HD-SDI
 - 2. Two (2) VGA/DVI (each up to UXGA/DVI-I)
 - 3. One (1) proprietary signal (Fiber optic or BNC)
- C. LED Display Output Formats
 - 1. One (1) proprietary signal (Fiber optic)
 - 2. Two (2) proprietary signals (BNC)
- D. Pass-Throughs Monitor Outputs
 - 1. Four (4) SDI/HD-SDI (BNC)
 - 2. One (1) component (3 BNC) or
 - 3. One (1) S-video (2 BNC) or
 - 4. One (1) composite (1 BNC)
 - 5. One (1) VGA/DVI (DVI-I)
- E. Control Options
 - 1. One (1) proprietary control input (9-pin serial)
 - 2. One (1) network interface (Cat.-5E)
- F. Color space conversion
 - 1. 3 x 3 full-matrix
 - 2. Proprietary LED conversion
 - 3. Auto-detect format and resolution
- G. Edge and motion adaptive de-interlacing
 - 1. Bad edit detection
 - 2. Static/freeze frame
 - 3. Multi-directional motion detection
 - 4. Inter-field motion detection
 - 5. Film mode detection
- H. Input-specific picture controls
 - 1. Color
 - 2. Gamma
 - 3. Brightness
 - 4. Contrast
- I. Video mixing
 - 1. Blending
 - 2. Wipe and mix effects
 - 3. Seamless source switching
 - 4. Flexible positioning of sources
 - 5. Multi-zone sources for PBP (pictures by pictures)
 - 6. Alpha blend sources for POP (picture on picture)
 - 7. Superimpose sources for PIP (picture in picture)
- J. Specifications

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

1. Width: 19" (483 mm), Height: 1.7" (43.18 mm), Depth: 23" (584 mm)
 2. Power: 110/220V (50/60Hz)
 3. 1RU rack-mount case
8. LED MESSAGE CENTERS
- A. General Information
 1. Pixel Design: 3-in-1 surface-mount device (SMD) LED.
 2. Minimum Resolution: No less than 36 pixels in height and 192 pixels in length
 3. Minimum Active Viewing Area: Approximately 2' 9.5" (850 mm) in height and 13' 5.4" (4100 mm) in length.
 - B. Display Capabilities
 1. Gradations Per Color: 16,384.
 2. Color Capability: 144 quadrillion colors.
 3. Refresh Rate: 2,400 Hz as defined by the number of times per second the display image is repainted in intensity.
 - C. LED Quality
 1. Suppliers: The highest quality LEDs from the worlds foremost LED manufacturers.
 2. Quality Control: Sorted by intensity and color wavelength.
 3. LED Lifetime: 100,000 hours of operation as defined by time at which display intensity has decreased to 50 percent of the original intensity.
 - D. Display Construction
 1. Service Access: Top.
 2. Cabinet Construction: All-aluminum construction for lightweight and corrosion resistance.
 3. Weatherproofing: Sealed cabinet, potted modules and conformal-coated display electronics suitable for high humidity environments. Ingress Protection Rating of 66/55.
 4. Display must be able to withstand high-velocity impact from indoor sports balls and hockey pucks without the need for protective screens.
 - E. Viewing Characteristics
 1. Module Intensity: 2,000 nits (adjustable).
 2. Brightness Control: 32 levels (manual, scheduled or automatic).
 3. Contrast Ratio: 1,000:1.
 4. Suggested Viewing Angle: 160° (70° off center), horizontally and 75° (+60°/-80° off center) vertically, as defined by the angle at which display intensity drops to 50 percent of direct frontal intensity.
 - F. Display Interface
 1. Each of the full-color displays MUST have the ability to interface and display real-time data from the control system without the need for a duplicate or redundant input.

Part 2 – Execution

1. Examination

TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

- A. Mounting structure to be installed by contractor to support desired displays in all locations. Verify that separate conduit is in place for power and data to display, unless fiber is being used. Verify that all control equipment has access to 120 VAC.
2. Preparation
- A. A certified engineer registered in the State of Wisconsin must stamp all structural drawings.
 - B. Contractor to obtain all necessary permits.
 - C. Contractor to provide an on-site installation coordinator or superintendent to supervise all on-site work. The installation coordinator or superintendent must be a direct employee of the Contractor.
3. Installation
- A. Material or equipment required for the provision an installation of this LED video system that is not expressly addressed in this RFP is understood to be the responsibility of the Proposer
 - B. Proposer to research the facility's events schedule to ensure there are no scheduling conflicts regarding installation of the display components.
 - C. Support structure design depends on the mounting methods, display size and weight. The structure design is critical and should be done only by a qualified individual. It is the Owner's responsibility to ensure that the structure and mounting hardware are adequate.
 - D. The Contractor shall be responsible for providing all display equipment shown on the noted drawings.
 - E. The Contractor shall be responsible for assembly and mounting of all display components onto the Contractor-supplied structure. The mounting hardware shall be capable of supporting all components to be mounted.
 - F. Possible power and signal entrances are designated by center punches. Separate conduit must be used to route the power, signal in wires, and signal out wires.
 - G. Displays must be grounded according to the provisions outlined in Article 250 of the National Electrical Code. The display must be connected to earth-ground. Proper grounding is necessary for reliable equipment operation and protects the equipment from damaging electrical disturbances and lighting.
 - H. All required power to the displays shall be the responsibility of the Proposer.
 - I. All power to the control location shall be the responsibility of the Proposer.
 - J. Proposer shall furnish and install required cables for a fully operational system.
 - K. Proposer shall provide all required materials and labor to provide display mounting, cable terminations, system checkout and local operator training at the time of installation.
 - L. Proposer to provide an on-site supply of spare parts, which will ensure the timely repair of component failures.

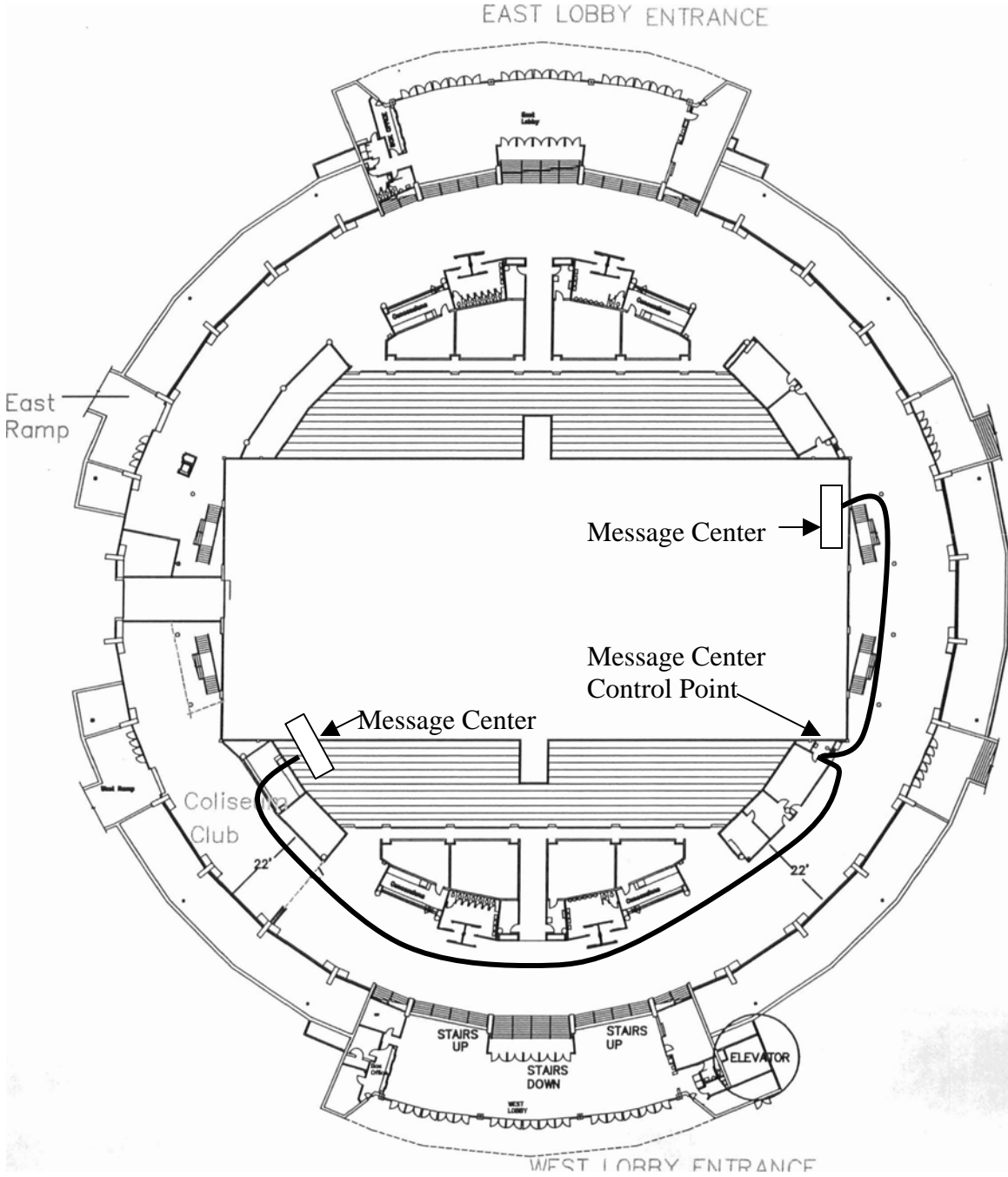
TECHNICAL SPECIFICATIONS FOR LED VIDEO DISPLAY SCOREBOARDS AND MESSAGE CENTERS

- M. Mount scoreboards and interior displays to wall in location detailed and in accordance with manufacturer's instructions. Unit to be plumb and level.
4. Installation – Control Center
- A. Provide boxes, cover plates, and jacks as required. Control cables to control panels will be concealed.
 - B. Test the operation of the scoreboard, controller and all control jacks, leave control unit in carrying case and other loose items with owner's designated representative.
 - C. Conduct operator training on the scoreboard/controller operation.

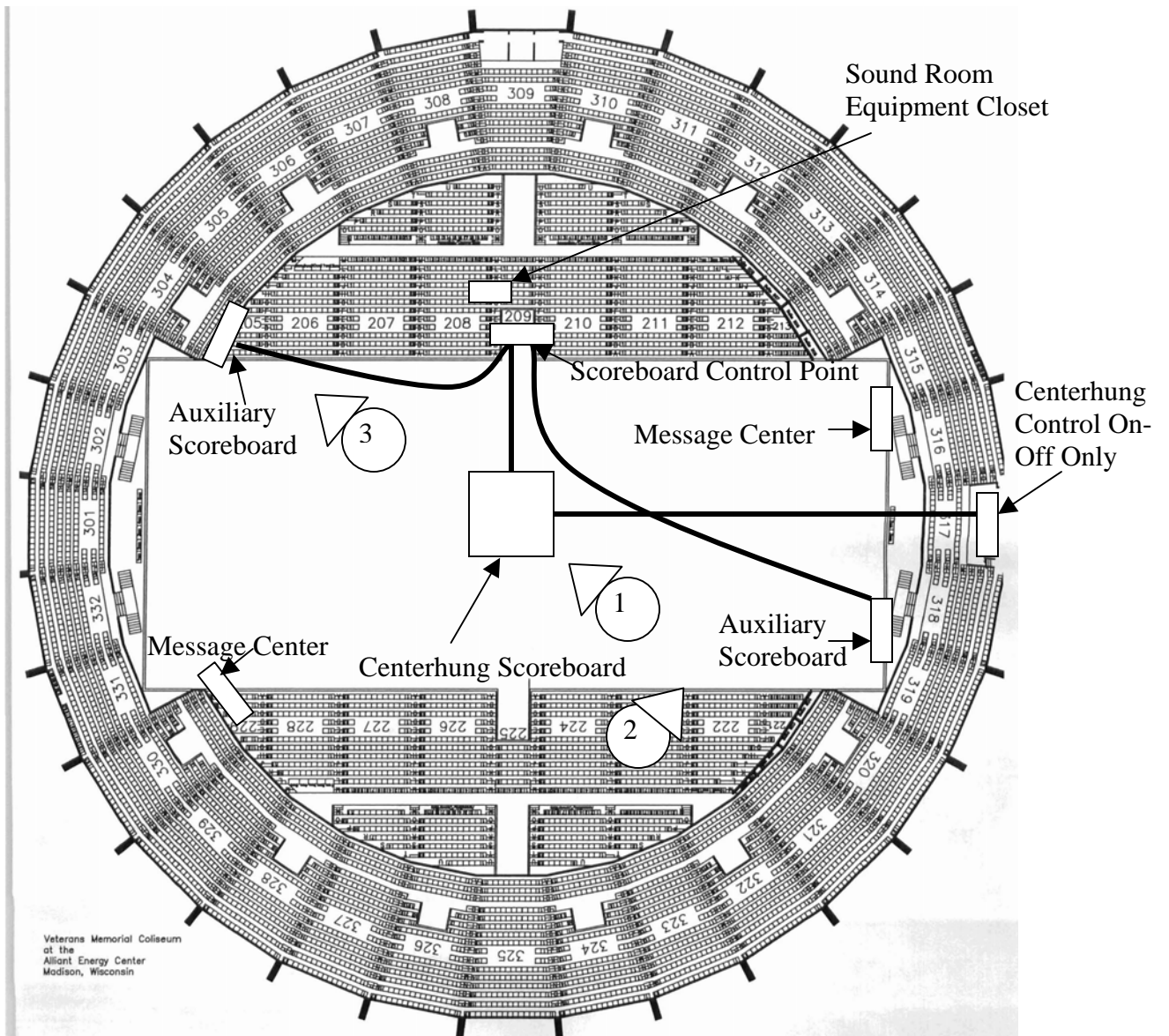
COST SUMMARY SHEET

ITEM DESCRIPTION**COST****PROPOSAL 1**
Center-hung Scoreboard\$ _____
_____**Provide and install a center-hung LED video scoreboard as detailed in this request for proposals for the proposed price of:**_____ Dollars
(Written price)**PROPOSAL 2**
LED Fixed Digit Auxiliary Scoreboards\$ _____
_____**Provide and install auxiliary scoreboards as detailed in this request for proposals for the proposed price of:**_____ Dollars
(Written price)**PROPOSAL 3**
LED Ribbon Message Centers\$ _____
_____**Provide and install message centers as detailed in this request for proposals for the proposed price of:**_____ Dollars
(Written price)**Successful proposer can provide a performance/payment bond for 100 per cent of the contract price for the price of: _____/100 Dollars****Dane County reserves the right to accept all proposal or individual proposals as stated on this cost summary sheet.**

Schematic of Existing Ground Floor Plan of Message Centers



Schematic of Existing Seating Level Floor Plan of Centerhung Scoreboard, Message Centers, and Auxiliary Scoreboards



EXISTING CENTER HUNG SCOREBOARD (INTERIOR VIEW 1)



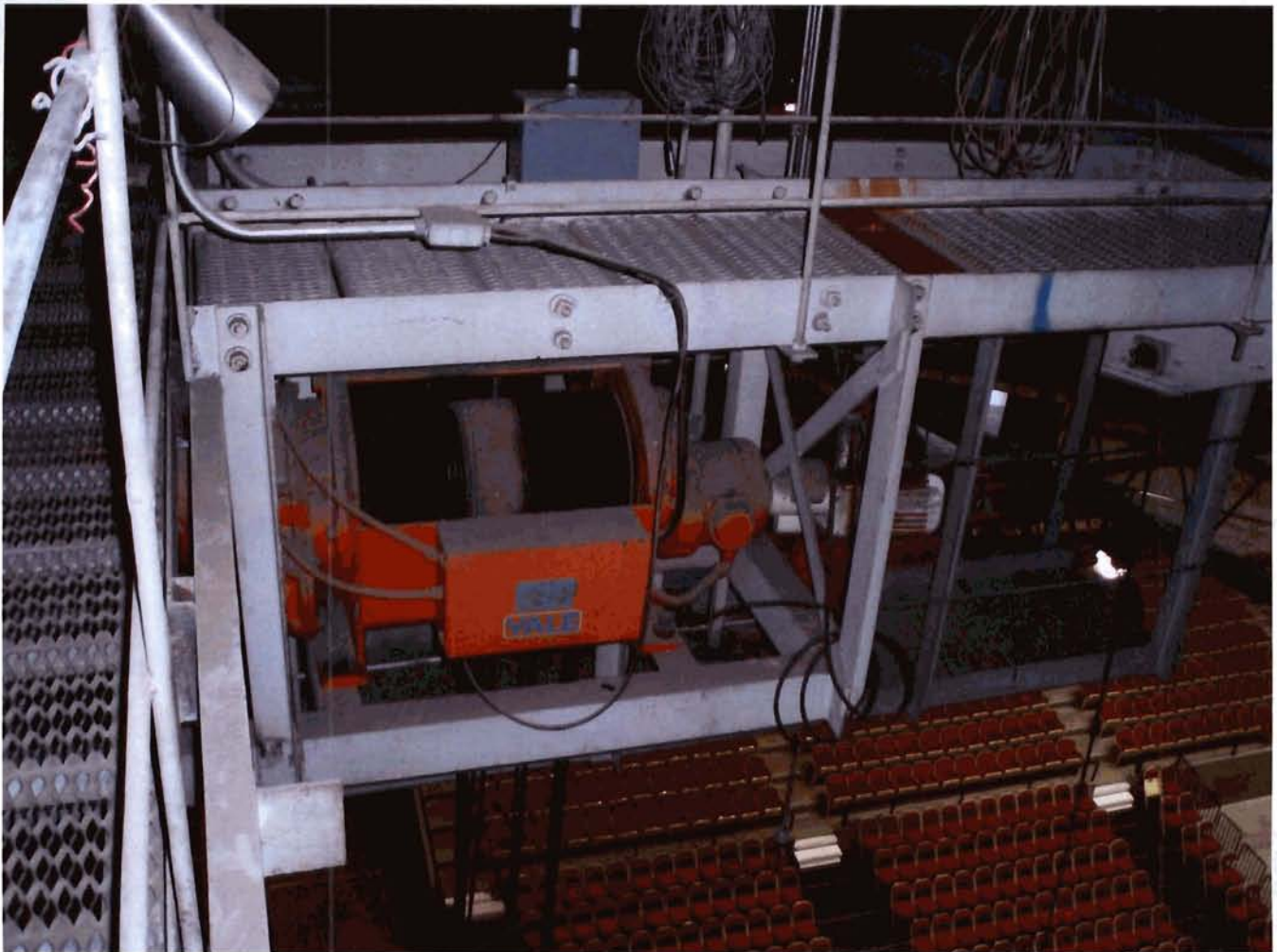
EXISTING MESSAGE CENTERS (LEFT) AND AUXILIARY SCOREBOARD
(INTERIOR VIEW 2)



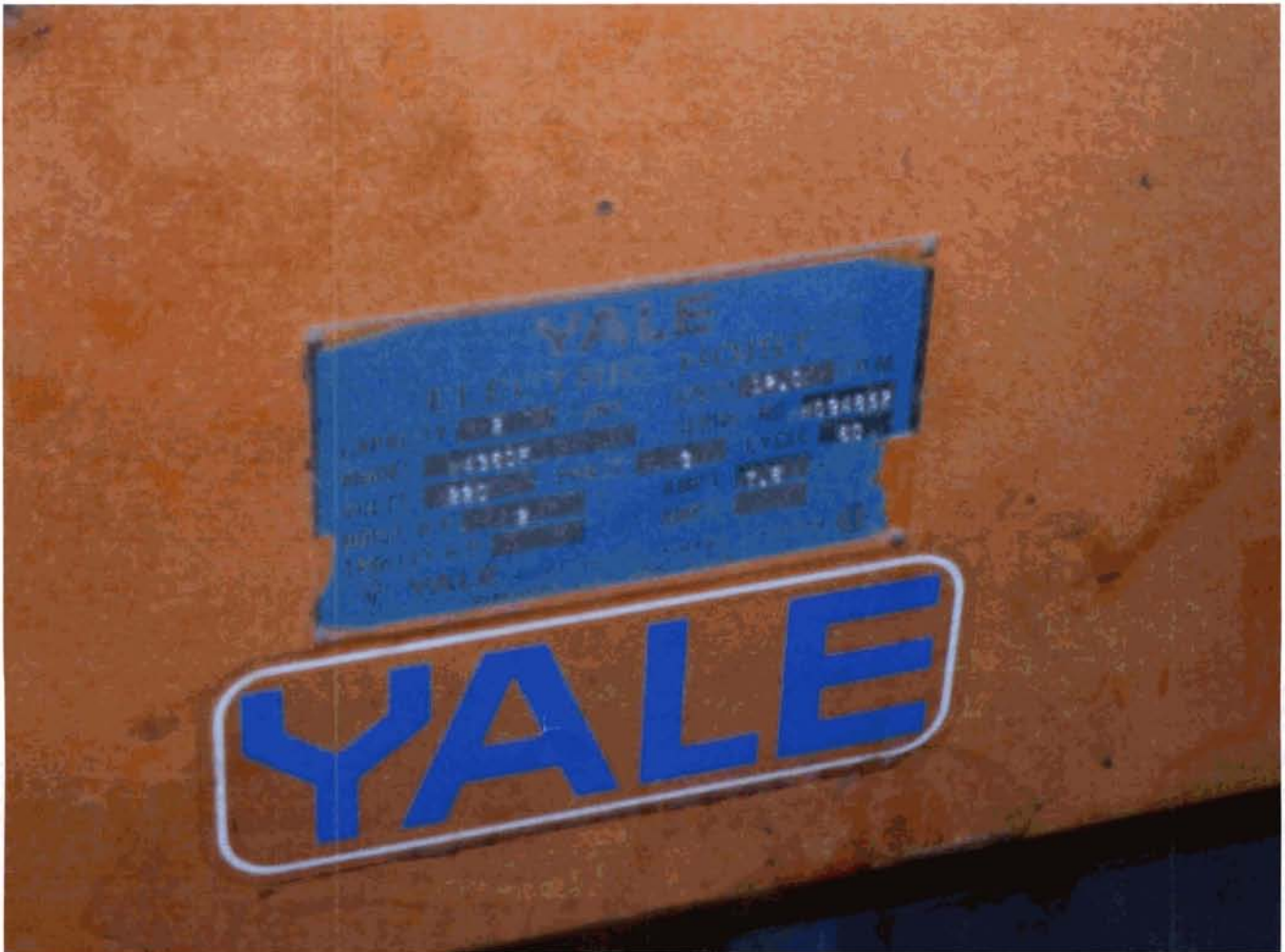
EXISTING AUXILIARY SCOREBOARD (INTERIOR VIEW 3)



EXISTING CENTER HUNG SCOREBOARD ON GROUND



CENTER HUNG SCOREBOARD WENCH



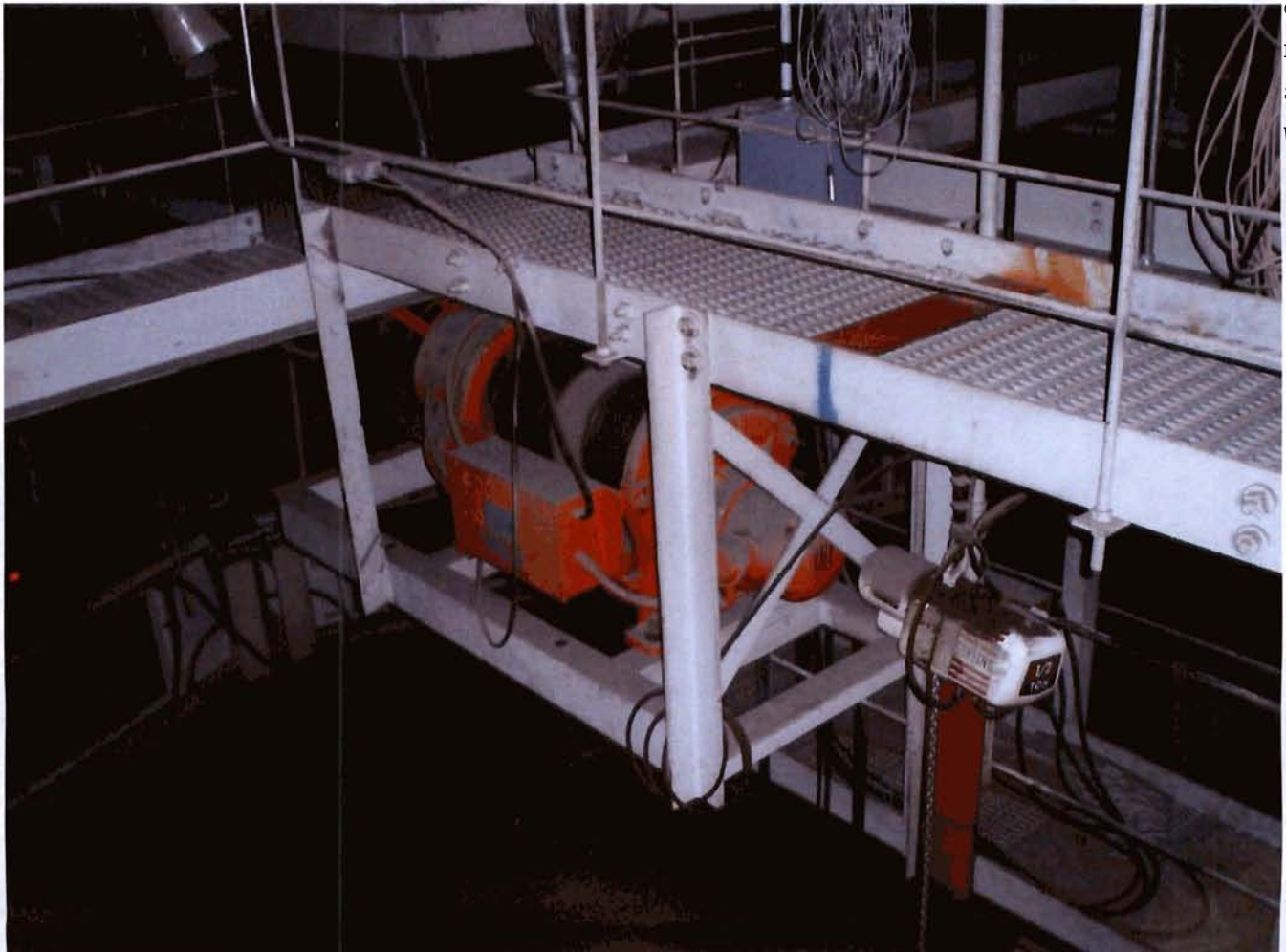
SPEED: 12 RPM
SERIAL NO.: H034852

PHASE: 5
AMPS: 7.8
CYCLE: 60

CAPACITY: 2 TONS
MODEL: 436CF
Hoist H.P.: 2



CENTER
HUNG
SCOREBOARD
CATWALK
CONTROL
WIRING
BOX (LEFT)



CENTER
HUNG
SCOREBOARD
WENCH
(LEFT)