

ADDENDUM NO. FOUR – Display RFI

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<Q.1> Please confirm that all LED products in this package (other than the Fire and Ice clubs) are to be outdoor rated.

<A.1> Although the displays are covered, displays will be subject to bowl wash-downs, potentially high humidity conditions and the occasional drink-spill from above.

<Q.2>Do all ribbon displays require the wifi cable tray or just certain levels?

How much cable needs to be accounted for?

Can the cables be visible from the back – A U channel/trough for instance?

If they need to be imbedded would they need to be separated from power?

<A.2>This has not been requested however provide an alternate price to provide.

<Q.3>Please confirm that the footing and anchor bolts will be provided by owner for the Viking ship sail display.

<A.3>Confirmed

<Q.4>Please confirm that base plate and all structure is to be provided by vendor for the Vikings ship sail display.

<A.4>Confirmed

<Q.5>Please confirm the demarcation point for the E-power provision on the Captioning displays.

<A.5>Emergency power for the fascia will be provided at the disconnect that is located near the edge of the bowl.

<Q.6>Please supply DWG A7.94 for clarification about skit [skirt] display attachment.

<A.6>Attached.

<Q.7>Please clarify percentage of MBE/WBE participation required both in dollar volume and on-site labor force.

<A.7> See the equity plan at

http://www.msfa.com/detail.cfm/page/msfaSite_QHAFKNZD_ADWPNMGQ/. MBE: 9%

participation; WBE: 11% participation. We would still expect to see effort afforded to consider Veteran-Owned Small Businesses as well. Be sure to document any/all transactions with these small businesses, whether you choose to award them work or not.

<Q.8>Who is providing the Avocent HMX Manager and network switch gear?

<A.8>27.41.00

<Q.9>How many user station locations are allocated for LED control at the front counter?

<A.9> Two

<Q.10>What technology are the down and distance 50 yard line displays?

<A.10>LED

<Q.11>Where is the price for the down and distance displays to be allocated on the bid sheet?

<A.11>It's part of the fascia.

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<Q.12>Please elaborate on the desired Graphical Animation package as that is very vague with a large cost implication. Are you asking us to propose what we feel would be appropriate for a new NFL facility?

<A.12>Yes and describe in detail the elements you will include in your proposal response.

<Q.13>Please provide any MBE/WBE lists of potential subcontractors

<A.13>See A.7.

<Q.14>The "West Prowl" sign is intended to be our design but with the guidance that the idea is for the sign to "disappear" when it is turned off or can be used to display other content and messaging than simply Vikings related messages. Please provide the background PMS color that is to be used so that we can more accurately design and estimate our proposed solution.

<A.14> The specified color as listed in section 010500 is VMZ Quartz-Zinc or Rheinzink Graphite-Grey.

<Q.15>Additionally, please confirm the owner is providing the Primary Structure for this display as we will assume to install and coordinate our scope of work with the owner provided work involving the primary structure or other elements around West Prowl.

<A.15> Existing structure to consist of precast tub

<Q.16>Is there a specific LED diode manufacturer intended for the Base Bid: Cree or Nichia?

<A.16>See A.17.

<Q.17>If there is no Base Bid Requirement for Cree or Nichia can we use any Chinese Domestic Lamp, Silan, Epistar?

<A.17>We have not specified a base lamp however please provide your 'best' lamp in your base bid with deduct alternates to cover different lamps. LED lamp quality will be a discussion item in the selection of the vendor.

<Q.18>Please provide the contact information for the chosen electrical contractor on the project. And/or any other potential electrical contractors that we could contact who are familiar with the project and scope of work.

<A.18.>Parson Electric is the selected electrician related to the low voltage systems. You can contact Erik Carlson at 651.894.6461?

<Q.19>Please verify that all electrical and structural drawings are provided within the addendums and there are no other drawing documents that we should familiarize ourselves with to provide a more thorough price and proposal.

<A.19> Bidders have sufficient information to bid on the project.

<Q.20>Confirm that owner will be providing all primary steel and catwalks; awarded contractor will only be required to provide necessary secondary steel for attachment: this includes any and all LED Video Boards, LED Fascia, Ad Panels, West Prowl and Viking Sail Display.

<A.20>Confirmed

<Q.21>Is it possible to obtain the following documents?

What we need is a file (or files) to obtain an accurate scale, to extract dimensions, of the Arena geometry, and the Viking "Ship". A SKETCH_UP MODEL FILE v15(.skp), 3D-studio-Max file

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2015(.3ds or .max), AUTOCAD_2015 (.dwg) & or Revit File 2014(.rvt) , or 3D-Rhino, are all acceptable file formats.

<A.21>The successful vendor will have access to all available 3D models

<Q.22>Do we have a staging area for equipment, cranes, displays, product coming in to be used? How much area? I know we have to provide our own security by the information in the bid package but how much space do we have?

<A.22>See addendum #3 for the general conditions.

<Q.23>What kind of access and work hours do we have 7 days a week, including Holidays and Weekends?

<A.23> See addendum #3 for the general conditions.

<Q.24>Are there any black out days where we can't work. Can you please provide an active and current calendar for sold and known events?

<A.24>No black out days at this point, refer to addendum #3 for the general conditions.

<Q.25>It says we have to have 3 days Operator training and 2 days of system training.

If we are not doing the control room we still have to think about the 16 hours they request for system training.

<A.25>Yes. Additional control room training is covered in section 27 41 00.

<Q.26>Please clarify that the Base Bid is three (3) years Parts and Labor only on the LED Video Boards provided or if that includes all equipment provided.

<A.26>This includes all equipment in the related section.

<Q.27>RFP it states fall protection and ladder, ascension cables will be provided by others. Please verify this is correct.

<A.27>This is referring to any fall protection or ladders that are permanent to the building structure. Any temporary equipment needed for installation is the responsibility of the display contractor.

<Q.28>Are there any mandatory classes held by the owner on safety needed prior to starting work?

<A.28>See Addendum #3

<Q.29>Please provide the documentation stating the Union and Prevailing Wage Requirements and Hourly Rates associated to the project.

<A.29> Hennepin County provides the latest information regarding prevailing wages. While we can't stipulate proposers to be Union we can ask they stipulate to the no strike agreement and pay prevailing wages. See the attached Prevailing Wage Schedule.

<Q.30>Can our installation crew use the existing crane(s) on-site and share them? If so, what are the hourly rates that would be associated to that sharing?

<A.30> Provide a base price to include using your own lifts.

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<Q.31>Please verify that any renderings, designs or artwork provided by the Bidders are considered confidential and proprietary to the individual Bidder and not for dissemination to other potential bidders or contractors.

<A.31> Proposals are not available for public review until a contract is in place and aspects of the proposals may be redacted to protect proprietary information.

<Q.32>Please clarify the means by which the Committee will base its decision for both the Interview List as well as for the Award. What criteria and scoring will be used or will it be Low-Bid?

<A.32> The Authority and Team will consider all factors in determination of the successful proposer.

<Q.33>The controller for the GIP (Game In Progress) is stated in the RFP as needing to control “multiple sports”. Please clarify which sports specifically that it will need to control.

<A.33>Football, baseball, basketball, volleyball, and soccer.

<Q.34>Please confirm that all video feeds/program feeds to the LED Video Boards will be DVI.

<A.34>The control room will provide the program feed via HD-SDI 1080p.

<Q.35>For video distribution to the LED displays is there anticipation of using a Vista Spyder. If so what model number are you looking to use?

<A.35>If you require a Spyder to breakup or locate images within the raster it is your responsibility to provide one, or two, or three...

<Q.36>Given the installation location and logistics associated to the servicing of the West Prowl and Viking Sail, please confirm the weigh load limitations of the plaza area in and around the installation of these displays. We have estimated that a lift for installation and service would be approximately 8,000lbs

<A.36>The pavement under the west prow has been designed to support an over the highway semi-truck.

<Q.37>Please confirm the exact dimensions and pitch of the access into the stadium: specifically this allows us to understand what cranes, lifts and other equipment can be moved in to and out of the stadium. For example if there is a large pitch/angle into the access doors that could prevent certain equipment from being able to enter into the stadium.

<A.37>Other trades will be using a Steiger TTS 1000 from Abilene inside the bowl.

<Q.38>What is the anticipated timeline for the installation? Is there a project management timeline?

<A.38>Provide your anticipated timeline with your proposal.

<Q.39>Would all Displays be installed at the same time – or spread out in time as the stadium is ready?

<A.39>Installation will likely be spread out to follow construction.

<Q.40>Will the already selected LV company (we believe it is Parsons) be the entity to pull any required signage cabling and we would have to contract this through them?

<A.40>Parsons is the LV contractor however you are not required to sub-contract them.

<Q.41>Will our crews be required to provide any needed lifts or are they able to use Mortenson provided lifts (the techs would be safety tested and certified for the lifts)?

<A.41>Provide a base price to include using your own lifts.

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<Q.42>Do we need to have Support Tech's on site for only football games?

<A.42>See Section 1.5.L. 10 events, most will be football.

<Q.43>How many years do we need to provide game day Support Tech's?

<A.43>Base bid is game day support for one year.

<Q.44>Do the Support Tech's who are to be onsite for the games need to be Union?

<A.44>See A.29

<Q.45>Is there any requirement for the number of Journeyman versus Apprentices?

<A.45> See A.29

<Q.46>Will our crews be required to participate in the Mortenson Daily Stretching Exercises?

<A.46> See the General Requirements in Addendum #3.

<Q.47>What is the length of Labor (not parts) Warranty required for the RFP?

<A.47>See Section 1.5.K.

<Q.48>Who would we report to at the site (GC, Electrician, LV, etc.)?

<A.48>Your contract will be with the owner however you will be required to coordinate with the GC per the General Conditions issued in Addendum #3.

<Q.49>For the Fire and Ice Rooms – is all of the payment coming from the owner or is some coming from the AV Company that has the existing contract for the Barco projectors in the way of a credit?

<A.49>Your contract will be with the owner.

<Q.50>Does the support labor have to be union labor?

<A.50>Technical support does not have to be

<Q.51>Will the Vikings provide all equipment needed to maintain/repair the product? Items such as lifts, cranes, forklifts etc.?

<A.51>During the warranty period the vendor is responsible for all equipment required to maintain the displays.

<Q.52>Will the Vikings provide an operator for all equipment mentioned above? If yes are there any costs associated with that?

<A.52>The owner will provide operators, your roll is troubleshooting in the event of a failure during an event.

<Q.53>What is the quantity of the Fire and Ice room display? Bid form shows quantity 1, pictures were 3 in each room. Please confirm?

<A.53>There are a total of (6) 28'x9' displays; (3) in each club.

<Q.54>Can you please provide detailed cross sectioned view of North sponsored display & West Skirt / Duct locations including mounting structure layout?

<A.54>See A.6

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Specification 27 41 33

Section 1.5.G

Delay of Game Clocks

1.a [adjust size] 4'x3' 2-Digit 7-Segment Play Clock (Qty: 2)

1.b [add] 5'x3'-9" 2-Digit 7-Segment Play Clock (Qty: 2)

The two additional clocks will be mounted to the side of the main display. Cabling for the additional clocks should route with the primary video board cable.