

ATM Design Build
RFP Question Answer #5– 02/29/2009

Q #	RFP Reference	Question	Date Received (MM/DD/YYYY)	Answer	Addendum Needed or Actual Addendum
1.	2.18.3.1.1.1	Page 2-18.16 line 41 indicates working models should follow the design workshop within 14 calendar days after the workshop. Is the intent of the design workshop to take place near the end of the design process?	04/23/2009	This section has been revised via Addendum 7 to allow 28 days after the workshop for delivery of the signs. While the timing of the workshop is not specified in the RFP, it is likely to produce the best results if it is held near the beginning of the design process.	Addendum 7
2.	2.18	The list of components in 2.18.4.7.5 refers to “CL-UPC fiber connectors”. Other sections refer to FC\UPC. Please clarify which is intended.	04/23/2009	Two instances of FC/UPC have been corrected to LC/UPC via Addendum 7.	Addendum 7
3.	2.18.5.11.1.1	Sign Display, This part of the VMS spec requires a 27 x 105 matrix with 18” characters. When comparing Pg 2.18 – 69 lines 27 thru 34 , Sign Housing, the dimensions described here in the spec do not align with the previous matrix size.	04/23/2009	Please see Addendum 7 for changes to the VMS requirements.	Addendum 7
4.	2.18	Is there any information available on the condition of the existing conduit system. In particular, has the existing 4” “George Ingram” conduit with innerduct been checked for leaks to determine if air pressure can be used for installing conductors. Have WSDOT maintenance crews or recent WSDOT contractors experienced any issues?	04/27/2009	There is no available information on the condition of existing conduit.	N/A
5.	2.22	Please provide traffic volume data associated with the allowable ramp closure tables.	04/27/2009	Please see the following annual WSDOT traffic volume report for ramp volumes: http://www.wsdot.wa.gov/NR/rdonlyres/24EA8BFB-6A4B-406C-A606-64D74B8FE2DE/0/Volumes.pdf	N/A
6.	General	Is it possible to have a conformed RFP posted to the WSDOT ATMS web page? For the benefit of the	04/27/2009	No conformed RFP will be issued until after proposals are accepted.	N/A

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		project and to improve the quality of the proposal it would be helpful to have a version that incorporated all the modifications listed since the April 6 version of the RFP.			
7.	Appendix M2	The Appendix M2 Index indicates Sheets 80-82 (ITN1-ITN3), ITS Notes and Sheets 83-95 (IT1-IT13), ITS Plan. These Sheets are not available. If they are pertinent to this project could you please provide a source for these Sheets.	04/27/2009	These sheets have been made available via Addendum 7. Proposers are advised that the numbering of these sheets has changed since the RFP was originally issued.	Addendum 7
8.	2.18	The [VMS] specification requires a full matrix sign consisting of minimum 27 pixels high by 105 pixels wide and a character height of 18". This implies a 2.6" pixel spacing. Therefore the active matrix will be 105 x 2.6" wide = 22'-9" excluding any borders. This significantly exceeds the 18'-3" maximum sign width (including borders) specified. Please advise which part of the specifications has preference and should be used for design purposes.	04/27/2009	Please see Addendum 7 for changes to the VMS requirements.	Addendum 7
9.	2.18	Our initial calculations indicate a [VMS] sign weight in excess of 3000lbs, significantly more than the maximum of 1400lbs specified. Upon further investigation we note that the WSDOT Standard Specifications call for a weight of less than 4100lbs and the reference sign mentioned in the procurement specification (Daktronics Vanguard)	04/27/2009	Please see Addendum 7 for changes to the VMS requirements.	Addendum 7

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		<p>has a weight of 3400lbs.</p> <p>Please advise whether the 1400lbs should be 4100lbs (as per the Standard Specifications). If not, we request some explanation of the weight and dimension limitations that are applicable for the complete monotube as we seriously doubt that we can deliver a VMS in compliance with the current weight and dimension requirements.</p>			
10.	2.18	<p>Our understanding during the RFQ phase was that there will be no external landing associated with any signs, however it is now required. Please confirm this requirement.</p>		<p>Due to the inclusion of walk-in characteristics, VMS sign locations will now require a landing due to worker safety rules.</p>	N/A
11.	2.18	<p><u>Issue:</u> WSDOT Requirements related to the VMS – points (1) to (7) below – are in conflict.</p> <p><u>Description:</u> WSDOT requirements are: (1) number of vertical pixels = 27 (2) number of horizontal pixels = 105 (3) pixel size (max) = 2.6 inches (4) overall sign width (max) = 18 feet 3 inches = 219” (5) overall sign height (max) = 7 feet 11 inches = 95” (6) number of characters per line = 21 x 18” characters high (7) number of lines = 3 lines of 18” characters high</p>		<p>Please see Addendum 7 for changes to the VMS requirements.</p>	Addendum 7

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		<p><u>Specs conflicts are:</u> (2) and (3) => LED display width = $105 \times 2.6'' = 273''$ <= in conflict with (4) as the LED display width is exceeding the max sign size allowed by WSDOT (even without any border) (6) => LED display width = $(21 \times 5/7 \times 18'') + (20 \times 1/7 \times 18'') = 321''$ <= in conflict with (4) as the LED display width is exceeding the max sign size allowed by WSDOT (even without any border)</p> <p><u>3 Solutions:</u> Either increase the max width of the sign; OR Reduce the max pixel size AND the number of 18'' characters per line; OR Reduce the number of horizontal pixels AND the number of 18'' characters per line</p>			
12.	General	Can you make the results of the WSDOT Cost Risk Analysis (CRA) available? The risk register may be very useful.	04/29/2009	This report will be posted to the Ad and Award website.	N/A