

Delaware Department of Transportation
QUESTIONS AND ANSWERS
Portable Camera Systems
Agreement DOT191919-PORT_CAM
Monday, June 10, 2019

Q #	Question	Answer
25	Is 30 feet acceptable?	The Department would prefer what it written in the RFP though it is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and consideration.
24	Does this include the light and 4.9Ghz radio and antennas?	No, it is intended that lighting would be powered via the onboard generator. (Jeff, please confirm you are cool with this. I don't want the solar array to be too large). Note that this response relates to Section 7.5 (B).
23	What type of outlet do you require and what is maximum number of amps you would like? Do you want any protection?	The Department would prefer what a provided 120V AC, GFCI receptacles.
22	What is the light output (Lumens) and illumination pattern expected. A flood light is not able to lit a 360° area, such lights are	Provide lighting as you feel acceptable to meet the requirement for 200 foot radius from the mast.
21	Zinc chains with grade 70 is it acceptable?	The Department would prefer what it written in the RFP though it is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and consideration.
20	If 2000 lbs is sufficient for our trailer is it acceptable?	The Department would prefer what it written in the RFP though it is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and consideration.
19	What is the voltage and power requirement of the antenna?	Input voltage is 48-59 V DC, 802.3at compatible. Power consumption is 15W typical, 18W max.
18	Are plastic boxes with anti-theft mechanism or steel boxes acceptable?	The Department would prefer a non-plastic material to increase security and prevent loss. It is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and consideration.
17	Is a solar array with a 30 to 90° tilt acceptable?	It is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and
16	Does that include the 4.9Ghz radio and antennas?	It was not intended to as 4.9GHz antennas may not be installed in all cases.

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15	Due to the temperature requirement above ,we can't power the camera with any of those. Is High POE Accepted?	It is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and
14	Would you accept a camera that is specified from -22F to 131F. Such camera would provide better autonomy on the same platform?	It is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and
13	Please confirm that this is the PMP 450i Subscriber module C050045C001B or C050045C002C. or provide the power draw requirements and operational voltage?	Input voltage is 48-59 V DC, 802.3at compatible. Power consumption is 15W typical, 18W max.
12	Can we assume that these will be installed behind barriers as stated for Category 4 devices?	Not in all cases based on roadway classification and clear zone requirements.
Wednesday, June 5, 2019		
11	(Reference RFP Section 6.5 f 5) Would you allow the antenna to be located at the control cabinet rather than on the mast arm?	No, the intention of this antenna was to be used for a line of sight application not for wireless modems.
10	(Reference RFP Section 6.5 f 2) The camera arm is raised from a horizontal position to a vertical position and then elevated to increase the height of the camera. Is your requirement for a safety bolt intended to prevent the mast arm from changing from a vertical position to a horizontal position or is the safety bolt intended to prevent the mast arm from lowering the camera height while in a vertical position?	Intent of the safety bolt is to keep the mast arm from rotating from vertical to horizontal to prevent it from striking a person or vehicle.
9	(Reference RFP Section 6.5 a) Does the NEMA TS4 requirement apply to the battery box in addition to the control cabinet or just the control cabinet?	Includes all enclosures on the trailer.
8	(Reference RFP Section 6.4 e) Does lightning protection need to be applied to individual components on the load side or can we protect the sum of the components on the load side i.e. do you differentiate the components in the cabinet from the entire cabinet when addressing lightning protection requirements?	Intent was to protect the individual components.
7	(Reference RFP Section 6.4 d 2) Will you allow a plastic or injected molding battery cabinet in order to save costs and reduce weight?	The Department would prefer a non-plastic material to increase security and prevent loss of the batteries. It is acceptable to submit a portable CCTV system only partially meeting any of the requirements, so long as it is indicated within the proposal. Deviations from requirements will be part of the proposal evaluation and consideration.

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6	(Reference RFP Section 6.4 b 1) Does the requirement that the solar array “provide a 12 volt photovoltaic solar array of a size sufficient to recharge the portable camera unit in full sunlight at a rate of six hours of recharging per 24 hours of operation” mean that you want the solar array to recharge to a full capacity in order to provide 3 days of operations (as required later in the RFP) or merely recharge to a state sufficient to operate for the next 24 hours?	Requirement relates to the rate of charging required as 24 hours of life in a 6 hour charge. The 3 days of operations relates to the capacity of the battery array.
5	(Reference RFP section 6.2 k) Does the camera power requirement saying “Power input: 22-28 VAC, PoE, and PoE+ allowable” mean that the camera must support VAC, PoE, and PoE+ or does the requirement mean that the vendor may select which of the power inputs shall be used by the camera?	Any of the power input options are allowable. One or all are acceptable.
4	(Reference RFP Section 6.2 j 4) Does the requirement to withstand sustained 90 mph winds apply only to the camera assembly or does it also apply to the trailer itself i.e. do you intend for a trailer in a deployed condition to be able to operate in 90 mph wind conditions?	Requirement relates to the rate of charging required as 24 hours of life in a 6 hour charge. The 3 days of operations relates to the capacity of the battery array.
3	Would you consider changing the contract term to one (1) year with four (4) one year options? Pricing for steel and electronic components is increasing significantly due to the current economic and political climate. Tariffs on Chinese goods and the potential tariffs on Mexican goods are leading to significant annual increases in material costs for the Portable Camera Systems. To commit to a firm fixed price for a three year period poses significant business risk to the contractor and significant price risk for the State of Delaware. By changing the period of performance to one year with four one-year options, the State reduces its price risk and could receive more competitive proposals.	No, the contract is being advertised as it is written.
Tuesday, May 28, 2019		
2	Is there a standard use case that is needed to performed with this technology?	The selected vendor(s) will be required to show a performance of a standard use case with the portable cctv camera application after the selection process is complete.
1	Regarding the specifications of this Proposal. Are you willing to accept proposals for this project that is a significant alternative technology to what is spelled out in the specifications?	If you feel you can provide a technology that may meet a portion of the advertisement, it’s recommended that you submit for consideration.