RFI: 2021-01

REQUEST FOR INFORMATION TO PROVIDE ULTRAVIOLET LIGHT DISINFECTION SOLUTIONS AT MANCHESTER-BOSTON REGIONAL AIRPORT MANCHESTER, NH

The City of Manchester, Department of Aviation, Manchester, New Hampshire, (hereafter "Manchester-Boston Regional Airport" or "the Airport") hereby requests interested firms to submit Information Packages for an Enterprise Ultraviolet Light Disinfection System. The Airport is interested in a single enterprise-wide solution for UVC including fixed elements (i.e. ceiling mounted UVC units to disinfect office spaces etc.) and mobile elements (i.e. UVC robots) to drive cost efficiencies in initial capital and recurring maintenance costs. Firms are requested to provide information on their devices and systems that are available for disinfecting pathogens in the air, on the surface, or on baggage in order to provide effective infectious disease prevention. These devices and systems are to be used throughout the airport terminal building, airport operations facilities, airport rescue and firefighting buildings and vehicles, and snow removal buildings and equipment to reduce the risk of pathogens, airborne exposure, and further transmission of communicable diseases.

Systems presented to the airport should be capable of reporting, on a continuous and real time basis to a single reporting platform though sensing/connected "smart" devices, any necessary data to prove efficiency and efficacy of the selected systems. It should be possible to display this data publicly as an overall score for occupants to feel secure & confident while they are in the spaces mentioned above.

The proposed systems should need minimal civil and construction work and should use existing electrical and mechanical infrastructure. Where it is not possible to provide real time data, the firm should be able to provide independent laboratory test reports as a proof of effectiveness of the systems being provided. The respondent should also provide information on the safety of their system on humans and information that confirms no harmful effects to the finishes normally found in a terminal building and/or vehicle.

Specific to baggage disinfection, the system should be able to disinfect baggage/cargo on all sides, attach to existing baggage infrastructure at the airport, and disinfect various sizes of cargo and passenger checked baggage.

Firms are encouraged to introduce additional technology and systems not identified within this request for information that provide cleaning, disinfecting, and infectious disease prevention to a mass transit environment.

No pricing should be included in this response. Should an adequate number of respondents provide enough information for the Airport to determine this request is available in the marketplace, then the Airport may, but is not obligated to, produce a bid package for competitive bidding. Informational Packages are due at the Manchester-Boston Regional Airport Administration Office Attention: RFI 2021-01 1 Airport Road, Suite 300, Manchester, NH 03103 no later than 2:00PM, Friday, February 5, 2021.

Theodore S. Kitchens, AAE
Airport Director