**Request for Proposal: Madison Metropolitan Sewerage District.**

Laboratory Review

Advertised starting Thursday, April 10, 2025

Questions are due on Wednesday, April 23, 2025, answers posted by Monday, April 28, 2025.

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| **Question** | **District Response** |
| Who are the other firms that attended the walk thru? | The firms that attended our optional site visit were:* Short Elliot Hendrickson Inc
* Continuum Architects + Planners
* Flad Architects
* Strang Inc
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| How is the WiFi coverage in and around the lab? Do you and your staff have good WiFi connectivity for wireless devices in the parking garage? The exterior utility closets? Within the lab proper? | WiFi speeds were checked around the lab and Operations building. The laboratory consistently showed fast download speeds of at least 120 Mbps (and up to 300+ Mbps) and upload speeds of at least 80 Mbps (and up to 230+ Mbps). WiFi under the Operations building not as fast as in the laboratory, with interior rooms showing the slowest speeds. It should be noted that currently, the lab offices and instruments are all wired connections to the District internet. |
| Would you define the project limits? This will likely be defined by the laboratory areas; however, if you have a feel for the roof and utility areas that will or may be impacted, this would also be helpful. | A thoughtful redesign of the laboratory space to ensure efficient use of space, staff footpaths, and movement of samples through the laboratory is a large focus of this project. With this kind of redesign, it is understood that moving walls and certain utilities will be necessary or recommended. If certain pieces of infrastructure do not need to be moved/replaced, it would still be considered within the scope of the project to ensure that the infrastructure is not installed in a way that would lead to need a premature replacement (e.g. If the position of a hood is where it should be, then due diligence should be taken to ensure the ventilation is appropriate for the intended use of that hood.) |
| Please provide access to all the as-built documents for the building? This will inform the designers the amount of information available as the starting point for assessments and modifications. | There have been many projects over the years that have touched the building/systems, so this is not a simple request. The District has multiple sets of as-builts from the various projects and is not prepared to provide these documents as part of the RFP process. Once a firm is selected and is under contract, these documents will be shared. |
| Working through the programming confirmation and planning process, how many different lab groups do you anticipate being engaged in these meetings? | The lab has 6 full-time Chemists that work in unique departments and who are responsible for specific analyses. I would anticipate the selected firm to work with each Chemist, either 1:1 or as a group, to learn about what they must have for their analyses and also what improvements could be beneficial for their space. I would also expect meetings with the Lab Manager and potentially other District staff to ensure feedback is received from all appropriate stakeholders. |
| We understand the driver(s) for this project are to improve efficiencies, provide qualified spaces to meet current regulatory requirements, provide space and utilities for emerging technologies, and improve the performance of or replace existing MEP systems. We understand an increase in the number of samples or assays is NOT driving this work. Please comment. | The main driver for this project is to replace old/failing infrastructure and to take advantage of construction to increase space efficiency with a focus on staff footpaths, sample life cycle in the lab, and improve utility efficiency/function. At this point in time, we are not aware of a significant increase in analytical demand for the lab; however, incorporating flexible lab spaces for temporary (or new, permanent) analyses is a way for the District lab to prepare for the future. The District laboratory regularly completes approximately 65,000 analyses on approximately 15,000 samples annually.  |