

MUNICIPALITY OF THE COUNTY OF KINGS
Engineering and Public Works
Memorandum



TO:	Prospective Bidders Contract 22-21, Regional Treatment Plant De-Sludging & Aeration Equipment Installation.		
FROM:	Omar Abdelkhalek, P. Eng.; Manager of Engineering Services		
CC:	Maft Balcombe, P. Eng.; Dillon Consulting Ahmad El-Kadri, Engineering Technologist Scott M. Quinn, P. Eng.; Director of Engineering and Public Works		
SUBJECT:	Addendum # 1	DATE:	August 16, 2022

Questions and Clarifications

1. Please clarify the water depth, 2.4m and 3.5m are both mentioned in the tender?

The average as-built water depth within cell 2 (not considering sludge) is approximately 10' (3.1m). Recent bathymetric survey showed a maximum water depth of approximately 13.8' (4.2m). The point cloud survey file can be provided to the successful bidder upon request as general information. Bidders are responsible for installing/designing the appropriate in pond aeration for the varying depths encountered. Bidders are also reminded that while the lagoon will be desludged as part of this contract, it is not expected that 100% of the sludge will be removed and some will remain.

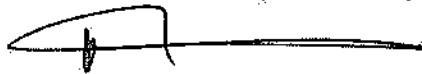
2. Municipality of the County of Kings - Regional Wastewater Treatment Plant De-Sludging and Aeration Equipment Installation. Triplepoint and EEP Technical Solutions are concerned with section 40 05 50 1.9.7 that the lateral and aerator count is not set in stone?

The minimum diffuser and lateral counts listed in spec 40 05 50, section 1.9.7, is primarily based on a typical fine bubble system. Bidders may deviate below this minimum based on alternative, proven designs that meet the remaining specification and can provide, during submittal review, detailed engineering support for their rationale. Bidders are reminded of section 1.9.3, which states the requirement to utilize remaining blower capacities and is to be considered.

End of Addendum #1

This addendum must be acknowledged on the Tender Form.

Please let me know if you have any questions.



Omar Abdelkhalek, Ph. D, P. Eng.
Manager of Engineering Services
Municipality of the County of Kings