

ADDENDUM #1
TUNNEL MANHOLE
REHABILITATION F/Y 24-1
CONTRACT #2024-22
REGIONAL WATER RESOURCE AGENCY

DATE: June 6, 2024

The attention of persons and businesses bidding on this project is called to the following change in the drawings and/or specifications and/or bid documents:

The written statements of clarification, interpretation or corrections hereby modify the bidding documents by addition, deletions, or corrections and shall become a legal and binding part of the Contract Documents for this project. Bidders shall acknowledge receipt of the addendum by inserting its number and date in the Proposal Form. Failure to do so may subject the bidder to disqualifications.

- 1. In reference to manhole rehab works, the specifications mention to apply Structural Epoxy minimum film thickness. Could the Owner/Engineer please confirm per specs its about 250 mils?**

See Section 0059, 3.09.I.1 of project specifications...

“Thickness – Epoxy lining shall be applied to a minimum thickness of 250 mils (1/2” inch) dry film thickness.”

- 2. The manholes undergoing rehabilitation have multiple incoming lines. To carry out the rehabilitation work, we need to bypass these lines. Could the Owner/Engineer please provide the dry-weather and wet-weather flow rates for each of the incoming lines in the manholes being rehabilitated?**

The approximate ERU's and drainage areas are shown below, the **bold** numbers are the manhole ID's, and the non-bold numbers are the pipe ID's that come into each of the respective **bold** manholes.

Manhole/Pipe	ERU	Area (Acres)
664	521	325.39
1684	9	121.10
2677	379	493.50
509	2	125.50
3811	410	297.31
5862	2	10.24
5855	507	311.62
5711	2920	1469.30
1234	2802	1035.21
4197	2734	918.36
4030	94	373.52
995	343	580.91
452	187	361.86
8010	12	18.04
4176	178	361.86
789	3632	1169.83
2733	13	73.99
2734	121	294.78
199	3534	1130.21
3330	375	597.47
5757	113	171.31
5758	439	565.75
5754	8	139.71

- 3. Currently, the specifications do not define the limits of the coating work. Could the Owner/Engineer please clarify if the channel/invert also needs to be coated? Typically, coating is applied up to the flowline, as corrosion does not occur below this point.**

See Section 0059, 3.09.A of project specifications...

“The coating will not be required in the bottom of the manhole trough, coating down to the dry weather flow line is acceptable.”

- 4. Most of the manholes being rehabilitated have a wall dividing them into two sections. Could the Owner/Engineer please confirm if all walls surface within the manhole is to be rehabilitated?**

All interior parts of structure, including perimeter walls, interior baffle walls, dissipation baffles, manhole cone, etc. should be included in the scope of rehabilitation.

- 5. Could the Owner/Engineer please specify if similar rehab works were done in the past projects? If yes, could you please share the bid tabulation for one of the projects.**

This is a unique project that the Owner does not have a similar past project to accurately compare to.

- 6. Since these systems will be under bypass during rehabilitation, will the Owner/Engineer permit the contractor to work at night to ensure compliance with coating requirements and to stay on schedule?**

The Owner will permit Contractor to work at night, but must submit request for overnight work at least one week prior to commencement in order to provide Owner with adequate time to schedule inspection personnel. Owner will reserve the right to reject request for overnight work if inspection is not available, or for any other reason that may occur.

- 7. Is PerpetuCoat M and PerpetuCrete MSC by Protective Liner Systems considered as equal substitutions?**

PerpetuCoat M and PerpetuCrete MSC are not considered as equal products for this particular rehabilitation project.

- 8. Is SpectraShield multi layer polymer by Spectra Tech considered an equal substitution?**

SpectraShield multi layer polymer is not considered an equal product for this particular rehabilitation project.

- 9. Is OBIC 1000 polymer by OBIC considered an equal substitution?**

OBIC 1000 polymer is not considered an equal product for this particular rehabilitation project.

- 10. While filming the provided videos, was flow bypassed in those tunnel segments?**

Flow was not bypassed in the provided videos, these were also taken during a time of dry weather.