

M E M O R A N D U M

May 8, 2019

TO: File

FROM: Jenna Woodward

REVIEWED BY: Josh Fruth, Vice President

RE: CC RRBP – Site Development (Phase 1A-Biosolids – Water Main) Bid Package

Overall General Site Information:

Collier County Resource Recovery Business Park and the 16-acre parcel is located north and west of the existing Collier County Landfill, Parcel ID 00289720004 and 00298480005, in Section 25 and 36, Township 49 South, Range 26 East, Collier County. The primary purpose for the development of the park is to establish additional services for the landfill and associated industrial uses.

The proposed improvements will be directly connected to two other developments, Collier County Landfill and City Gate Commerce Park in the future. The aforementioned existing developments will provide access to the site via City Gate Boulevard North. The proposed work / Plan of Construction will assist in drilling of a new deep injection well (under separate cover).

Existing Conditions:

Currently, the Resource Recovery Business Park is permitted under Florida Department of Environmental Protection through permit No. 11-0285328-002. A portion of the site has been previously cleared under PL20140000595.

Plan of Construction:

Under this bid schedule, installation of the 12” water main will occur with a temporary connection to Well #9 with an extension of 8” temporary water main. The 8” TEMPORARY water utilities will remain as a temporary condition until tie-in to the watermain located within City Gate Boulevard North is available via the construction of the proposed inter-connect. All permanent utilities must be installed per minimum USM standards.

Current Bid Construction:

Install a 12” watermain with a temporary connection to Well #9 with an extension of 8” temporary watermain. (refer to **Phase 1A – Phase 1A Watermain Extension** for Location and specifications).

Initial Site Design:	
1	As noted.
2	Includes stake-out of proposed utility installation and As-built records of the permanent 12” water main – the 8” is not included in this line item.
Water Utilities Infrastructure:	
3	Refer to Phase 1A – Watermain Extension for specifications and locations.
4	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
5	Refer to Phase 1A – Watermain Extension for specifications and locations.
6	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
7	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
8	Refer to Phase 1A – Watermain Extension for specifications and locations. Blow-off assemblies to include temporary bacterial sample points. Include surveyed construction stake-out and as-builts.
9	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
10	Refer to Phase 1A – Watermain Extension for specifications and locations. Automatic Flushing Device includes corresponding temporary sampling point and #57 stone pit for flushing area. Include surveyed construction stake-out and as-builts.
11	Includes initial geotechnical review (if necessary) and any additional rock excavation required for watermain construction. Also includes code required testing (i.e. density testing).
	Note: All utility infrastructure is to be installed following Collier County USM, PUD, and FDEP requirements (i.e. cover, testing, etc.). Restore ground cover to natural grade. All displaced material to be spread evenly along trench with approved densities provided.
Bid Alternative Water Utilities Infrastructure:	
12	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
13	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
14	Refer to Phase 1A – Watermain Extension for specifications and locations.
15	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
16	Refer to Phase 1A – Watermain Extension for specifications and locations. Include surveyed construction stake-out and as-builts.
17	Refer to Phase 1A – Watermain Extension for specifications and locations. Blow-off assemblies to include temporary bacterial sample points. Include surveyed construction stake-out and as-builts.
18	Refer to Phase 1A – Watermain Extension for specifications and locations. Blow-off assemblies to include temporary bacterial sample points. Include surveyed construction stake-out and as-builts.
	Note: All utility infrastructure is to be installed following Collier County USM, PUD, and FDEP requirements (i.e. cover, testing, etc.). Restore ground cover to natural grade. All displaced material to be spread evenly along trench with approved densities provided.

