



To: Ying Miao, P.E.
Lake County Public Works

From: HMG Engineers, Inc.
Derek Anderson, P.E.

Date: October 9, 2024

RE: Highland Lake Water System - Phase 2 Improvements Water Main Extension
Questions from Plan Holders
HMG Project No. 8571

Question No.1: What aggregate is acceptable for backfilling of pits, CA6 or CA7?

Answer No.1: Trenches shall be backfilled per the Typical Trench and Bedding Detail as shown on Sheet 8 of the Bidding Plans. CA7 shall be utilized for backfilling of trenches/pits at driveway locations or roadway influence zone (2' beyond edge of pavement). CA6 is required at 12-Inches below roadway pavement and 6-Inches below driveway pavement. Any trenches within the roadway limits shall be backfilled with controlled low strength materials (CLSM) and to be paid for as bid item "Controlled Low-Strength Material Trench Backfill".

Question No.2: Is compaction testing required of aggregate backfill or HMA and concrete slump testing required?

Answer No.2: Aggregate backfill shall be compacted in lifts as shown in the Typical Trench and Bedding Detail, however, testing is not applicable on CA7 aggregate (due to voids), therefore not required. Compaction testing is required for HMA placement. Concrete slump testing is not anticipated on the project, however, if concrete is being placed, concrete shall be tested according to ASTM 39 regarding compressive strength.

Question No.3: What is the deposit for the water meter rental as per the Project Requirements, Section 01000, Part E Temporary Water, Item No.7?

Answer No.3: A refundable deposit of \$1,307 for a 2" meter or \$2,890 for a 3" meter will be required in exchange for the meter. This is detailed on Sheet 2 of the plans, under "Lake County Public Works Water Main Construction Requirements", Part 1B. A revised Sheet 2 is attached to this Addendum.

Question No.4: Is black dirt, seed and matting acceptable for landscape restoration?

Answer No.4: Yes. Bid Item 14 specifies landscaping with 4-Inches of topsoil, seed and erosion control blanket. Section 02485 (Lawns and Grasses) in the technical specifications, specifies the requirements for seed type, blanket type and topsoil requirements.

Question No.5: Is the contractor responsible for construction layout?

Answer No.5: Yes. General note No.7 on Sheet 2 states "All Construction layout and staking shall be performed by the contractor (Cost Incidental). The contractor shall notify the owner/engineer of any missing benchmarks shown on the plans".

Question No.6: Does the original bid bond need to be sent in or is the uploaded scanned copy sufficient?

Answer No.6: A scanned copy of the bid bond is acceptable.

Mundelein Office • 975 Campus Drive • Mundelein, IL 60060

ST. LOUIS METRO EAST • SUBURBAN CHICAGO • CENTRAL ILLINOIS • SOUTHERN ILLINOIS

www.hmgengineers.com