

SECTION 01270
MEASUREMENT AND PAYMENT

PART 1 - GENERAL

1.1 SUMMARY

- A. The items listed in Part 1.3 below refer to and are the same pay items listed in the Bid Form. They constitute all of the pay items for the completion of the Work.
- B. The unit bid prices will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit.
- C. Refer to the General Conditions for provisions for Payments to Contractor and Changes in Contract Price.

1.2 INCIDENTAL ITEMS

- A. There are numerous incidental items of work that are required to complete the Project. While these items may not be specifically mentioned or illustrated by the Contract Documents and there may be no specific pay items listed for them, the Contractor will be required to perform those incidental tasks that can be anticipated through inspection of the Contract Documents, inspection of the construction areas, and experience in this class of construction.
- B. Items considered incidental work shall not be measured for payment or paid for as such unless specified as unit price by items on the Bid Form. These items and their costs shall be included in the unit prices or lump sum bid for the pay items unless bid separately. Incidental items may include but are not limited to the following:
 - 1. Permits.
 - 2. Material royalties.
 - 3. Temporary utility connections.
 - 4. Construction entrances.
 - 5. Clearing and grubbing.
 - 6. Stakeout and surveying.
 - 7. Traffic control / Maintenance of Traffic *{Engineer to determine if incidental or separate pay item for each project}*
 - 8. Site security.
 - 9. Temporary lighting.
 - 10. Temporary erosion and sediment control.
 - 11. Locating existing utilities (excluding locations designated on the plans).
 - 12. Sheeting and shoring *{Engineer to determine if incidental or separate pay item for each project}*
 - 13. Excavation.
 - 14. Dewatering of trenches, including use of well point system if required. *{Engineer to determine if dewatering permitting, discharge, treatment, monitoring and reporting are incidental. If determined to not be incidental, Engineer to include measurement and payment item separately for the work}*
 - 15. Bedding materials as detailed (excluding materials required to replace trench undercutting).
 - 16. Handling, placing, manipulating, and compacting excavated material suitable as backfill material.
 - 17. Pipe linings and coatings.
 - 18. Temporary pipe thrust restraint *{This item is for temporary pipe restraint / blocking at tie-in connections while pipe is exposed and under operating pressure}*
 - 19. Polyethylene encasement.

20. Maintenance of pipeline operations during pipe shutdowns, including pumping, hauling, and disposing of sewage. *{Engineer to determine if item is incidental to the project. If determined not to be incidental, Engineer to include measurement and payment item separately for the work.}*
21. Tracer wire, marking tape, and/or marker balls.
22. Testing materials, equipment, media, and execution.
23. Offsite disposal of surplus and unsuitable excavated material.
24. Offsite disposal of pipe and appurtenances removed to accommodate the proposed pipe.
25. Daily site cleanup.
26. Allaying of dust.
27. Relocating or modifying existing miscellaneous items.
28. Temporary pavement.
29. Site restoration, including sidewalk and curb and gutter replacement (excluding permanent pavement restoration, milling, and overlay).
30. Site cleanup.
31. Topsoil and seeding.
32. Recordkeeping.
33. All other items required to complete the project, for which pay items are not provided, will not be measured nor paid for as such, but their cost shall be included in the price for other items of work.

1.3 BID ITEMS *{Engineer to review HRPDC Regional Construction Standards measurement and payment items and use appropriate items}*

- A. Item 1 – Mobilization, complete *{Delete if not applicable}*.
 1. Measurement: Item will not be measured separately but paid for on a lump sum basis. The lump sum bid amount for mobilization shall not exceed 6% of the Total Bid amount. Demobilization shall not be paid as a separate item.
 2. Basis of Payment: Payment shall be made at the Contract Lump Sum Price.
- B. Item 2 – Horizontal Directional Drill (HDD), Bore & Jacked Casing, or Microtunneling *{insert description}*.
 1. Measurement: Item will not be measured separately but paid for on a lump sum basis. *{insert description}*.
 2. Incidental Items: *{insert description}*.
 - a. *{List any unique work items}*.
 - b. *{List any unique work items}*.
 3. Basis of Payment: Payment shall be made at the Contract Lump Sum Price for each successfully completed crossing. *{insert description}*.
- C. Item 3 – *{insert description}*.
 1. Measurement: *{insert description}*.
 2. Incidental Items: *{insert description}*.
 - a. *{List any unique work items}*.
 - b. *{List any unique work items}*.
 3. Basis of Payment: *{insert description}*.
- D. Item 4 – *{insert description}*.
 1. Measurement: *{insert description}*.
 2. Incidental Items: *{insert description}*.
 - a. *{List any unique work items}*.
 - b. *{List any unique work items}*.
 3. Basis of Payment: *{insert description}*.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION