SECTION 312500 - EROSION AND SEDIMENTATION CONTROLS

Scope:

This specification section covers the requirements for erosion, sedimentation, and pollution control during construction. During construction, temporary and permanent protective structures and measures as detailed in the following paragraphs shall be implemented and maintained by the Contractor to minimize erosion and sedimentation as a result of the work being performed.

General:

- A. The Contractor shall fully comply with the guidelines as specified in the <u>Georgia Erosion and</u> <u>Sedimentation Control Act of 2003 (as amended)</u>.
- **B.** Land disturbance activity shall not commence until the Land Disturbance Permit has been obtained by the Owner from the Local Issuing Authority, provided that a permit is required for the project.
- **C.** The Contractor shall fully comply with the requirements of the Erosion, Sedimentation and Pollution Control Plan (the Plan) prepared for the Project and approved as a part of the Land Disturbance Permit obtained in item B above and shall sign a certification to that extent on the Plan. Where there are conflicts between the Plan and these specifications, the project specific Plan will control.
- **D.** The Contractor shall fully comply with the Georgia Department of Natural Resources Environmental Protection Division (EPD) General Permit for Stormwater Discharge associated with Construction of Infrastructure GAR1000002.
- E. The Contractor will assist Owner in preparing a Notice of Intent (NOI) and the project superintendent, who must be certified in accordance with "Certified Personnel" or "Certified Person" which means any person who has attended the Conservation Commission's "Fundamentals Seminar" (Level 1A) and holds a certificate of successful completion of the training requirements stated in *Rules of the State Soil and Water Conservation Commission Chapter 600-8: Education and Training Certification Requirements for Persons Involved with Land Disturbing Activities* 600-8-1-.04 (2)(a) from the Conservation Commission in the area of inspection of best management practices (BMPs) on construction sites (BMPs are vegetative and structural measures to control and prevent erosion), will sign said NOI as the Operator. Contractor will not start land disturbing activities until 14 days after the NOI has been sent (postmarked) *return receipt certified mail* to EPD by Owner. A copy of the NOI and proof of certified mailing will be maintained onsite at all times as a part of the project paperwork.
- **F.** The Contractor will not start land disturbing activities until receiving proof or providing proof that the appropriate land disturbing fees have been submitted to EPD and to the local issuing authority.
- **G.** Use of erosion and sedimentation control measures shall be included in all permanent construction work and temporary construction work where necessary as a result of construction operations and where required in the Erosion, Sedimentation and Pollution Control Plan.
- H. The erosion and sedimentation controls shown on the Drawings of which the Erosion, Sedimentation and Pollution Control Plan is included and those in these Specifications are minimal requirements. The Contractor's methods of construction may require additional erosion and sedimentation controls not indicated on the Drawings or in these Specifications. Any additional or different erosion control measures from what is in the Plan required due to the method of construction must be approved by the design professional, approved by the Local Issuing Authority, added to the Plan and approved by the Owner.

- **I.** The Contractor shall be solely responsible for control of erosion within the Project site and prevention of sedimentation or pollution in any adjacent waterways.
- J. The Contractor will assist Owner in preparing a Notice of Termination (NOT) and the project superintendent, who must be certified in accordance with "Certified Personnel" or "Certified Person" which means any person who has attended the Conservation Commission's "Fundamentals Seminar" (Level 1A) and holds a certificate of successful completion of the training requirements stated in *Rules of the State Soil and Water Conservation Commission Chapter 600-8: Education and Training Certification Requirements for Persons Involved with Land Disturbing Activities* 600-8-1-.04 (2)(a) from the Conservation Commission in the area of inspection of best management practices (BMPs) on construction sites (BMPs are vegetative and structural measures to control and prevent erosion), will sign said NOT as the Operator.
- **K.** The Contractor shall fully comply with Georgia's Oil or Hazardous Material Spills or Releases Act. Any spill will be reported to the Owner immediately.
- L. The Contractor will install stormwater management systems in accordance with the Plan and the contract documents, as well as any local permits.
- **M.** The Contractor will install and maintain all other controls required under the Plan including controls related to waste disposal practices, off-site vehicle tracking, sanitary sewer and septic system regulations, petroleum spills and leaks, and concrete wash down procedures.

Submittals:

Submittals are required in accordance with this section to allow the Owner to review all aspects of the work under this specification and ensure the work is conducted in full accordance with the Plan and local, State and Federal requirements. A minimum of three copies of each submittal shall be provided to the Owner for review. The Contractor shall review and stamp all submittals prior to sending to the Owner and make the certification statement that the submittal meets the requirements of the contract documents. The Owner will return one copy of each submittal to Contractor stamped "No Exceptions Taken", "Make Corrections Noted", "Amend & Resubmit", or "Rejected – See Remarks".

For submittals that have been marked as "Amend & Resubmit" or "Rejected – See Remarks", the Contractor shall provide at least three copies of the revised submittal. For these submittals, the Contractor shall reference the specification section, make the certification statement, note any deviations from the specification and list dates that it was previously submitted.

- **A.** Complete shop drawings and manufacturer's data shall be submitted to the Owner for all products to be used in erosion control measures or BMPs at the site.
- **B.** The Contractor will submit to Owner the name of the project superintendent and proof that the person is certified in accordance with "Certified Personnel" or "Certified Person" which means any person who has attended the Conservation Commission's "Fundamentals Seminar" (Level 1A) and holds a certificate of successful completion of the training requirements stated in 600-8-1-.04 (2)(a) from the Conservation Commission in the area of inspection of best management practices (BMPs) on construction sites (BMPs are vegetative and structural measures to control and prevent erosion).
- **C.** The Contractor will submit to Owner a list of all proposed subcontractors on the project. All proposed subcontractors on the project that will have any involvement in land disturbing activities of any sort must be "Certified Subcontractors" which means any person who has attended the Conservation Commission's "Awareness Seminar for Subcontractors" and holds a certificate of successful completion of the training requirements stated in 600-8-1-.04 (2)(d) from the Conservation Commission in the area of erosion and sediment control practices and processes in the state. Proof of this training must be submitted to the Owner.

- **D.** The Contractor will submit to the Owner within 30 days of award of project and prior to any land disturbing activities, the fees associated with the project on the required EPD form for the amount of acreage to be disturbed, if applicable. Payment of fees associated with the NOI will also be made to local issuing authority prior to any land disturbing activities as required under the General Permit, if applicable.
- **E.** The Contractor will submit to Owner a request for inspection by the design professional of the initial erosion control measures. This inspection must be performed seven days after installation of the initial erosion control measures, and a report or letter must be provided to the Contractor by the design professional summarizing the findings of the inspection and listing any deficiencies that must be corrected. All deficiencies identified by the design professional must be corrected within two business days of receipt of the report or letter by the Contractor. This report must be maintained as a part of the Contractor's onsite paperwork, and a copy of this report or letter must be submitted to the Owner for review and approval. In addition, proof that any noted deficiencies were corrected within two business days of receipt must be provided to the Owner.
- **F.** The Contractor will submit to Owner copies of all inspections performed on the site in accordance with the section entitled Quality Assurance.
- **G.** The Contractor will submit details on sampling including proposed sample point labels, geographic positioning system (GPS) coordinates for all proposed sample points shown in the Plan, proposed sampling personnel and certification information on those personnel, proposed sampling equipment, and proposed analytical equipment and result reporting forms. If Contractor plans to use a commercial laboratory for the required analytical testing, the name, location, and certification status of the proposed laboratory must be provided.
- **H.** The Contractor will submit to Owner copies of all sampling results and reports for sampling performed at the site in accordance with the Plan. These results must be submitted to the Owner within five days of collection. The Owner will submit all sampling results to EPD by the fifteenth day of the month following the reporting period in accordance with the requirements in the General Permit, GAR100002.
- I. The Contractor will provide to the Owner as-built drawings of all permanent stormwater management systems and controls constructed as a part of this project in accordance with Section 007213.

Quality Assurance:

The purpose of this section is to ensure that erosion control measures are effective in minimizing erosion, sedimentation, and pollution to State waters and that all measures taken fully comply with the approved Plan, and local, State and Federal requirements. The Contractor will have a Certified Person perform, at a minimum, the following inspections:

- **A.** Daily inspections of all areas where petroleum products are stored, used, or handled; all locations where vehicles enter and leave the site; and the rain gage for the site.
- **B.** Fourteen day inspections of disturbed areas that have not undergone final stabilization, areas used for storage of materials that have not undergone final stabilization, and structural control measures identified in the Plan.
- **C.** End of storm inspections will be conducted after any storm producing 0.5 inches of rain or greater of disturbed areas that have not undergone final stabilization, areas used for storage of materials that have not undergone final stabilization, and structural control measures identified in the Plan.

- **D.** Monthly inspections of all areas that have undergone final stabilization until the NOT is filed with EPD.
- E. Any additional inspections required in the project specific Plan.

Based on the results of these inspections, the Contractor will have seven calendar days from the date of inspection to correct any deficiencies. Corrections to any deficiencies should be documented in the onsite paperwork.

To ensure compliance with these specifications and the Plan, the Owner will engage a "Certified Inspector" which means any person who has attended the Conservation Commission's "Advanced Fundamentals Seminar" (Level 1B) and holds a certificate of successful completion of the training requirements stated in 600-8-1-.04 (2)(b) from the Conservation Commission to inspect land-disturbed areas for compliance with the state laws in the afore mentioned inspections.

Any deficiencies found by the Owner will be immediately brought to the attention of the Contractor. Correction of these deficiencies must be completed by the Contractor within five calendar days of identification.

The Owner must be made immediately aware of any inspections performed by the Local Issuing Authority or the EPD. Any compliance issues identified in any inspection by either of these entities will require the Contractor to **Stop Work** on all other work except correcting the deficiency identified. Certification that any such deficiency has been corrected must be submitted to the Owner within five days of the inspection.

In addition to inspections, the Contractor is required to perform sampling in accordance with the Plan. Sampling points identified in the Plan must be labeled prior to starting land disturbing activities. All sample locations should be marked with an approved sign with the writing "Dalton Utilities<u>CWW</u>, Project Name, Sample # (from the Plan)". The Contractor shall notify Owner of any outfalls not shown on the Plan. Owner shall have these outfalls added to the Plan by the design professional. Sampling points will be confirmed by Owner prior to land disturbing with the Contractor in the field. The Contractor is required to collect GPS coordinates for all sampling points in accordance with Section 007213.

All sampling by the Contractor will be performed in strict accordance with the Plan, methodology and test procedures in 40 CFR Part 136 and the guidance document entitled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001". The Contractor is responsible for providing sampling and analytical equipment as required in the Plan. All monitoring results shall include at a minimum the sampling date, exact place, time of sampling, name of sampling personnel, analytical date, time of the analyses, personnel who performed the analyses, the analytical methods, and the results of the analyses, as well as any additional information required by the project specific Plan.

Products and Implementation:

The Contractor will implement Erosion, Sedimentation, and Pollution Control Plan (the Plan) in strict accordance with the Drawings and these Specifications and as required by the Owner and design professional. Any changes, amendments, deviations, additions, or other alterations from the Plan must be approved and certified in writing by the design professional. These changes will also require review and approval by the local issuing authority.

Products and methods not listed in these Specifications may be used by the Contractor if they meet the requirements of the Georgia Soil and Water Conservation Commission (GaSWCC) as outlined in the *Manual for Erosion and Sediment Control in Georgia* (as amended as of January 1 of the year in which the land disturbing activity is being conducted), are approved and certified by the design professional, are approved by the local issuing authority, are added to the Plan, and are approved prior to use by the Owner.

- A. Buffer Zones (Bf): The Plan will show all buffer zones. At a minimum, buffers of 25 feet along the banks of all State waters must be maintained free of construction activity, as measured horizontally from the point where vegetation has been wrested by normal stream flow or wave action. Buffer zones will be, at a minimum, in accordance with the requirements of the Manual for Erosion and Sediment Control in Georgia (as amended as of January 1 of the year in which the land disturbing activity is being conducted), however, the Plan must be consulted as local buffer zones may be more stringent and these more stringent requirements, if applicable, will be shown in the project specific Plan. The Contractor will be required to mark these buffer zones in accordance with the Plan prior to starting work with flags or signs to be approved by Owner. The Contractors employees and subcontractors will be educated as to the importance of avoiding any land disturbing activity inside the buffer zones. Where land disturbing activity is shown on the Plans in accordance with activities allowed in the buffer zone due to exemptions as outlined in the General Permit or in accordance with a buffer variance obtained by the Owner from the Georgia Environmental Protection Division, the Contractor will notify Owner prior to starting this work. All work in the buffer will be in strict accordance with the Plan. Repair of the buffer zone, in accordance with the Plan and any buffer variance documents, will be performed immediately upon completion of the work. One time water and sewer line crossings of State waters will be allowed in accordance with these specifications, the Plan, and as approved by Owner prior to initiating the crossing. All crossings must be made perpendicular to or within 25 degrees of perpendicular of the flow of the stream, creek or river. In addition, the width of disturbance for these crossings must be less than 50 feet. This 50 foot section of proposed disturbance must be marked by the Contractor in the field prior to beginning any work. The Owner will inspect the proposed crossing and the limits of disturbance prior to initiation of the work to ensure compliance with the Plan and the General Permit. For any crossing not meeting these requirements, a buffer variance will be required from the Georgia Environmental Protection Division before beginning any land disturbing activity in the buffer zone. In addition to a buffer variance, any crossings must also have a Pre-Construction Notification completed to the U.S. Army Corps of Engineers if deemed necessary by the owner.
- **B.** Disturbed Area Stabilization Options (Ds1): The Contractor shall apply mulch to all exposed areas within 14 days of disturbance if the area or the season of the year does not allow stabilization with temporary seeding (Ds2). This BMP can only be used for stabilization of areas for less than six months. For this BMP, disturbed area stabilization must be in accordance with one of the following: dry straw or hay, wood waste, compost, or polyethylene. At a minimum, 90 percent of the disturbed area must be covered by one of the disturbed area stabilization alternatives. If straw, hay, wood waste or compost are used, it must be applied in a layer of between 2 and 4 inches thick, properly anchored and maintained. All disturbed areas along any pipelines shall be mulched as soon as possible after backfilling operations have been completed, but in no case shall this time period exceed 14 days.
- C. Disturbed Area Stabilization with Temporary Grassing (Ds2): The Contractor shall apply temporary seeding to all exposed areas within 14 days of disturbance. Temporary grassing can be applied to rough graded areas that will be exposed for less than six months. If an area will be exposed for longer than six months, then permanent disturbed area stabilization will be performed. Temporary grassing for erosion control shall consist of planting temporary grass of a quick growing species such as millet (pearl or browntop), oats, rye, ryegrass, sudangrass, lovegrass or lespedeza (annual) suitable to the Mountain, Blue Ridge or Ridge and Valley Major Land Resource Area. The specific species to be planted should be as identified in the Plan and approved by the Owner. Planting dates, broadcast rates and methods, fertilizer, lime, mulch and periodic watering shall be as noted in the Plan. Seed, fertilizer, lime, mulch and periodic watering shall be applied in adequate quantities to assure a full, healthy ground cover over the entire disturbed area of construction operations. All materials shall be of first class quality. All disturbed areas along any pipelines shall be grassed as soon as possible after backfilling operations have been completed, but in no case shall this time period exceed 14 days.

- D. Disturbed Area Stabilization with Permanent Grassing (Ds3): Permanent grassing will be installed once all soil disturbing activities at the site have been completed or if an area will not be disturbed further for in excess of six months. For pipeline installations, after completion of pipe laying operations, the Contractor shall grass disturbed areas immediately and within 14 days of completion of backfilling. All yards and ditches shall be returned to original condition or better within a timely fashion. The Contractor shall grass all areas that were disturbed by clearing or construction operations. Before seeding commences, the Contractor shall smooth the entire area with a drag and break up all clods. All deleterious material, large stones, roots, limbs, and other debris shall be removed to leave a smooth area suitable for mowing, use of a rock hound or similar piece of equipment may be required in order to achieve this standard. Grass species for permanent grassing shall match the existing grass species at the site before land disturbing activities commenced where work is in the road right of way. Permanent grassing for erosion control shall consist of planting grass such as Bermuda, Fescue, Lespedeza, Bahia or Lovegrass suitable to the Mountain, Blue Ridge or Ridge and Valley Major Land Resource Area. Rye grass seed may be required as part of the permanent grassing depending on the time of year. This requirement is at the owners discretion. The specific species to be planted should be as identified in the Plan and as approved by the Owner for the particular location and time of year. Planting dates, broadcast rates and methods, fertilizer, lime, mulch and periodic watering shall be as noted in the Plan. Seed, fertilizer, lime, mulch and periodic watering shall be applied in adequate quantities to assure a full, healthy ground cover over the entire disturbed area of construction operations. All materials shall be of first class quality.
 - (1) Contractor shall submit data on percent germination and percent purity for all seed proposed for application. In addition, Contractor shall submit proposed bulk seeding rates, seeding method, inoculants (if applicable), mulch type and application rate, lime type and application rate, fertilizer type and application rate, proposed anchoring method, and any other data requested by Owner to confirm that permanent grassing implementation will meet minimum requirements in the Plan.
 - (2) Agricultural lime meeting the specifications of the Georgia Department of Agriculture shall be spread at the rate of one to two tons per acre unless soil tests indicate lime is not required.
 - (3) Mulch is required for all permanent grassing installations and shall be applied to achieve 100% soil cover. Dry straw or hay of good quality can be used for conventional seeding and shall be applied at a rate of 2 and ½ tons per acre. For hydraulic seeding, Contractor shall use wood cellulose mulch or wood pulp fiber at a rate of 500 pounds per acre followed by dry straw or hay at the above indicated rate. Mulch shall be applied within 24 hours of seeding and will be anchored.
 - (4) Fertilizer including total Nitrogen, available Phosphoric Acid, and water-soluble Potash shall be applied as required in the Plan depending on the grass species and time of the year.
 - (5) Grassing (by seeding) shall be completed as soon as practical after finish grading is completed in order to minimize erosion from rainfall and run-off. Any erosion occurring in grassed areas shall be immediately repaired.
 - (6) Permanent seeding shall be done only if it can be completed within the appropriate planting season for the Mountain, Blue Ridge, and Valley and Ridge Major Land Resource Areas for the type of grass.
 - (7) Seed, fertilizer, mulch and periodic watering shall be applied in adequate quantities to assure a satisfactory ground cover over the entire area of construction operations. A satisfactory stand of grass is defined as a full cover, over 100% of the soil surface

and seeded area, of live and growing grass with no bare spots and a density of at least 70 percent as determined by the Owner.

- (8) Permanent grassing along highway right-of-way shall also comply with Department of Transportation, State of Georgia, Standard Specifications Construction of Roads and Bridges, latest edition and any requirements of the local authority having jurisdiction over the road right of ways.
- (9) Permanent grassing through established pastures shall be by seeding with the same type of grass as was disturbed or, if acceptable to the property owner, seeding may be as recommended by the local Soil Conservation Agent as long as application methods, seeding rates, mulching rates, lime application rates, fertilizer application rates, and the other requirements meet the requirements for the type of grass required in the Plan and in *Manual for Erosion and Sediment Control in Georgia* (as amended as of January 1 of the year in which the land disturbing activity is being conducted).
- (10) Grassing may be by hydraulic or conventional seeding, but the method selected must be approved by the Owner.
- (11) Seed and fertilizer mix shall be as described above. All planting and seeding shall be watered thoroughly as soon as completed and shall be watered as necessary to provide continuous growth without setback until all growth from seed is thoroughly established.
- (12) Anchoring must be done immediately after the mulch is spread. Anchoring may_be done by various means, one example is driving over the mulch with a piece of equipment. No additional payment shall be made for this process.
- E. Disturbed Area Stabilization with Sodding (Ds4): Permanent sodding will be installed once all soil disturbing activities at the site have been completed or if an area will not be disturbed further for in excess of six months and as called for in the project specific Plan. For pipeline installations, after completion of pipe laying operations, the Contractor shall sod disturbed areas immediately and within 14 days of completion of backfilling. All yards and ditches shall be returned to original condition or better within a timely fashion. The Contractor shall sod all areas that were disturbed by clearing or construction operations where the Plan calls for sod or where sod was present before the area was disturbed. Before sodding commences, the Contractor shall smooth the entire area with a drag and break up all clods. All deleterious material, large stones, roots, limbs, and other debris (1" or larger in size) shall be removed to leave a smooth area suitable for sod installation. Grass species for permanent sodding shall match the existing sod at the site before land disturbing activities commenced where work is in the road right of way or on private property. Permanent sodding for erosion control shall consist of planting sod of either Bermuda or Tall Fescue depending on the planting season and the site specific requirements.
- F. Silt Fence (Sd-1C): Unless otherwise noted in the project specific Plan, all silt fence installed shall be Type C silt fence. The Contractor shall submit product data to the Owner for approval for any silt fence proposed for installation on the project. Approved silt fence fabrics are listed in the Georgia Department of Transportation Qualified Products List #36 (QPL -36). Silt fence shall be constructed in areas as shown on the Plan and in additional locations as requested by the Owner. Installation shall be by trenching 6 inches below grade and putting in the silt fence with steel posts at 4 foot intervals. When sediment accumulates to a level of one half the height of the silt fence, maintenance must be performed by the Contractor to remove the accumulated sediment.
- **G.** Check Dams (Cd-S and Cd-Hb): Check dams shall be placed as shown on the Plan and as requested by the Owner. A geotextile selected in accordance with AASHTO M288-96 Section 7.3 and approved by Owner shall be used under stone check dams. Stone check dams shall be constructed of graded 2-10 inch stone. The stone shall be placed such that it covers the entire

ditch or swale and the center of the stone check dam is lower than the edges. They shall be maintained at all times by removing sediment when it reaches one half the height of the dam. Hay bales shall only be used where called for in the Plan and approved by the Owner. If used, hay bales must be embedded a minimum of 4 inches into the existing ground surface. As with stone check dams, sediment must be removed from behind the hay bales when it reaches one half the height of the hay bale. If required by the owner, all check dams must be removed once final stabilization has occurred unless the check dam is called out to be a permanent hydraulic control measure on the design drawings.

- H. Construction Exit (Co): Construction exits shall be constructed at all points of ingress and egress from the site as shown on the Plan. The location of the exit shall be excavated 3 inches below grade. A geotextile meeting the requirements of AASHTO M288-98 must be placed over the entire area. Stone in accordance with the National Stone Association R-2 (size range of 1.5 to 3.5 inch) will be placed over the geotextile to a thickness of at least 6 inches. The width of the exit will match the largest requirement for vehicular traffic on and off the site, but at a minimum, it will be 20 feet in width and the length will be as shown on the project specific Plan. Maintenance of the exit will be performed as needed on a daily basis to ensure that no tracking of materials from the project site onto the road occurs. Maintenance will include the addition of more stone as required to maintain a thickness of at least 6 inches of clean stone leaving the site.
- I. Rip-Rap: The Contractor shall place rip-rap as required and directed by the Owner or Engineer.
 - (1) Materials: Rip-rap shall be hard, durable rock, concrete rubble, or similar material weighing at least 150 lbs per cubic foot. Rip-rap shall consist of stone or bagged sand-cement to a thickness of approximately twelve inches (12"). Stone shall be hard quarry or field stone of such quality that it will not disintegrate on exposure to water or weathering. Stone shall range in weight from a minimum of 25 pounds to a maximum of 150 pounds with at least 50 percent of the pieces weighing more than 60 pounds. Rip-rap shall be reasonably well graded within the following limits established by the National Crushed Stone Association (NCSA):

	Size Inches (Square Openings)		
NCSA No.	Maximum	Average	Minimum
R-1	1-1/2	3⁄4	#8
R-2	3	1-1/2	1
R-3	6	3	2
R-4	12	6	3
R-5	18	9	5
R-6	24	12	7
R-7	30	15	12

Graded Rip-Rap Stone

- (2) Payment: Rip-rap will be paid for on the basis of the number of square yards measured in place to the thickness specified.
- **J.** Limit of Progress: The Owner will limit the area of excavation commensurate with the Contractor's capability and progress in keeping the finish grading, mulching, seeding and other such erosion, sedimentation and pollution control measures current in accordance with the schedule in the approved Plan. Should seasonal limitations make such coordination unrealistic, special erosion control measures shall be taken immediately to the extent feasible and justified. Any special erosion control measures will be taken only after approval of the Owner, the design professional, and the local issuing authority.

- **K.** Additional BMPs: Specifications and requirements for any additional vegetative or structural BMPs are provided in the project specific Plan. Any vegetative or structural BMP shall meet the construction requirements listed in the *Manual for Erosion and Sediment Control in Georgia* (as amended as of January 1 of the year in which the land disturbing activity is being conducted).
- **L. Payment:** Payment for erosion control programs shown on the drawings will be paid for at the unit prices bid. Otherwise the cost of the above work and all cost incidental thereto shall be included in the unit price bid for the item to which the work pertains.

END OF SECTION