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The TEXT indicated with < > is to be selected or filled in by the Specifier to meet the requirements of the project.

If any of the SECTIONS (i.e. 1.02, 1.03, etc.) below are not required for the project do NOT delete the Section, but rather change the title of the Section to “NOT USED” (i.e. 1.02 NOT USED) so that numbering of specification references is preserved, and delete the specification language in this Section below the title.

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Unit price requirements.
- B. Unit adjustment prices.
- C. Description of unit price items.

1.02 UNIT PRICE REQUIREMENTS

- A. Items of Work described herein are specifically listed in the Contract for separate measurement and payment, subject to any Not-to-Exceed or Guaranteed Maximum Price established in the Contract.
- B. Unit prices shall be fully burdened and shall include all costs related to the unit price Work.
- C. CONTRACTOR shall measure unit price quantities for payment and submit to UTILITIES.
- D. When Changes in the Work occur, per Article 10 of the Contract, the additive or deductive amount of each unit price shall represent the true value of the part of the Work covered by that unit price.
- E. Unit prices shall be inclusive of:
 - 1. All direct and indirect costs of the work so described to the CONTRACTOR.
 - 2. Delivery to and from the Site.
 - 3. Applicable taxes.
 - 4. Handling at the Site: Including loading and unloading, placing and dumping, and storage.
 - 5. Labor for installation and finishing.
 - 6. CONTRACTOR's and Subcontractor's overhead and profit.
- F. Unit prices shall reflect the full increase or decrease in the Cost of the Work. No subsequent claims for extras by reason of the CONTRACTOR's failure to observe this requirement will be considered by UTILITIES.
- G. Unit priced Work and Materials shall meet all requirements of the Contract, including, but not limited to warranty requirements.

1.03 ADJUSTMENTS TO UNIT PRICES

- A. Unit Prices may be adjusted where actual quantities differ from those contemplated by the Contract Documents, as follows:
 - 1. Changes to the Unit Prices may be considered when quantities exceed 115% of quantities anticipated in the Contract Documents.

2. Changes to the Unit Prices may be considered when quantities are less than 90% of quantities anticipated in the Contract Documents.
 3. Changes to Unit Prices will not be considered where the change in quantity is a result of CONTRACTOR waste or rework.
 4. Net changes of quantities shall first be determined before the price factors set forth in this Section are applied.
 5. The adjustment principles set forth in this Section shall not apply to Unit Prices for <Technical Field Advisor>, <Erecting Superintendent>, <_____>.
- B. Adjustments to Unit Prices will only apply to additions to or deductions from quantities required by the Contract Documents made necessary by unforeseen conditions or changes deemed necessary or desirable by UTILITIES during construction. Additions or deductions necessary to accommodate equipment furnished and installed as a result of CONTRACTOR's means and methods shall be made by CONTRACTOR at its expense, and this Section 1.03 shall not apply.

1.04 DESCRIPTION OF UNIT PRICE ITEMS

- A. <Mobilization; lump sum (LS): Price includes mobilization costs. A maximum payment of <1%>, <2%>, <_____ %> of the total Cost of the Work will be made for this item. Payment shall be made along with first monthly payment after commencement of major construction. Includes field offices and project sign.>
- B. <Demobilization; lump sum (LS): Price includes demobilization costs. A minimum payment of <5%>, <6%>, <_____ %> of the total Cost of the Work will be made for this item. Payment shall be made along with final monthly payment after completion of major construction. Includes removal of field offices and site cleaning.>
- C. <Water Main; linear foot (LF): Unit price includes all costs for joints, fittings, specials, pipe, excavation, pavement removal, bedding, if required, carefully placed backfill to depth of one foot over top of pipe, remaining backfill with job excavated material, sheeting and shoring, utility repair, surface restoration, dewatering, thrust blocking, testing, disinfection, sidewalk replacement, water and sewer house service repair, curb and gutter replacement, connections to existing system, and miscellaneous associated work required to furnish and install water main of sizes listed. Includes removal, transporting, and disposal of excess excavated material. Measurement will be made along center line of main as placed, from center to center of fittings with no deductions for fittings or valves. Does not include tunneled or jacked crossings or horizontal directional drilling which are separate unit price items.>
- D. <Gate Valves; each (Ea): Unit price includes all costs of furnishing and installing with or without valve boxes, as required, various sizes of valves complete in place along with special tools. Valves used in making connections shall be included in connection cost and will not be paid for under this item.>
- E. <Hydrants; each (Ea): Unit price includes all costs of furnishing and installing hydrant and auxiliary valve and valve box, concrete pad, gravel fill, tee in main and hydrant lead from main, fittings, specials, excavation, bedding if required, backfill, select backfill, pavement replacement, sidewalk replacement, curb and gutter replacement, and surface restoration.>
- F. <Valve Manholes; each (Ea): Unit price includes furnishing material, frame and lid, concrete pipe, concrete steps if required, additional excavation, dewatering, backfill, select backfill, surface restoration, pavement replacement, and miscellaneous associated work to install air relief or main line valve manholes complete.>
- G. <Air Relief Valves; each (Ea): Unit price includes all costs for material, labor, air relief valve, pipe fittings, isolating valve, and miscellaneous associated work.>

- H. <New Water Service Lines; linear foot (LF): Unit price includes all costs for pipe, fittings, connections, corporation stops, curb stop, stop box, pipe excavation, backfill, select backfill, and surface restoration. Measurement will be made a long line of pipe from center of main to end of service.>
- I. <Connections to Existing Water System; each (Ea): Unit price includes all costs for material, labor, valves, sleeves, and fittings from existing main to new main, and excavation, bedding, backfill, surface restoration, pavement replacement, and miscellaneous associated work to make connections to existing system shown. Payment will be made at Contract unit price for the various connections listed.>
- J. <Sewer Relocation; linear foot (LF): unit price includes costs for pavement removal, excavation, sheeting and shoring, dewatering, pipe, joints, fittings, specials, removal of existing sewer, temporary pumping, testing, bedding, backfill, select backfill, utility repair, surface restoration, pavement replacement, and miscellaneous associated work. Includes disposal of excess excavated material. Measurement will be made along center line of sewer as placed.>
- K. <Sanitary Sewer; linear foot (LF): Unit Price includes all costs for furnishing, handling and laying pipe, pipe bedding materials, carefully placed backfill to depth of one foot over top of pipe, special fittings, trench excavation, dewatering, sheeting, shoring, remaining backfill with job excavated material, piping and pumping for bypassing sewage flow as necessary to maintain service, clearing, grubbing and tree removal considered incidental, utility company charges for temporary relocations, supports or bracing, utility repair, water and sewer house service repair, connections to existing system, surface restoration, infiltration and exfiltration testing, internal television inspection and incidental work except pavement replacement and connections to existing system. Includes removal, transportation and disposal of removed pavements and excess excavated material. Length will be measured along center line of pipe with no deduction for manholes. Payment will be made for various depths of cut measured to invert of pipe and diameters listed. Does not include tunneled or jacked crossing which are separate unit price items.>
- L. <Storm Sewer; linear foot (LF): Unit price includes all costs for furnishing, handling and laying pipe, pipe bedding materials, carefully placed backfill to depth of one foot over top of pipe, special fittings, trench excavation, dewatering, sheeting, shoring, backfilling with job excavated material, water and sewer house service repair, utility repair, utility company charges for temporary relocations, supports or bracing, connections to existing system, direct taps, surface restoration and incidental work except pavement replacement. Includes removal, transportation and disposal of removed pavement and excess excavated material, and connections to existing systems. Length will be measured along center line of pipe with no deduction for manholes. Payment will be made for various depths of cut as measured to invert of pipe and diameters listed.>
- M. <Force Main; linear foot (LF): Unit price includes all costs for furnishing, handling and laying pipe, trench excavation, dewatering, utility repair sheeting and shoring, bedding, carefully placed backfill to one foot over top of pipe, remaining backfill with job excavated material, surface restoration except pavement replacement, and incidental work. Measurement will be made along center line of pipe with no deductions for fittings or manholes. Does not include tunneled or jacked crossings or horizontal directional drilling which are separate unit price items.>
- N. <Inlet Pipe; linear foot (LF): Unit price includes same items of work as listed for Storm Sewer. Payment length will be measured as the actual length of pipe installed, with no differentiation for depth of inlet pipe.>
- O. <Manholes:
1. Standard; each (Ea): Unit price includes all costs for furnishing and installing manhole, excavation, concrete, waterproofing if required, stub pipes, chimney seals if required, flexible watertight connections, frame and lid, backfilling, connections to existing systems if required, and miscellaneous associated work for standard or shallow manholes zero to 8' deep measured from top of cover to invert of lowest sewer. Payment will be made for various diameters listed.

2. Extra Depth; linear foot (LF): Unit price includes all costs for depth in excess of 8' for standard manholes as measured from top of cover to invert of lowest sewer.
 3. Drop Connections; each (Ea): Unit price includes additional costs over standard manhole costs for excavation, concrete, dewatering, pipe and fittings, and miscellaneous associated work to construct drop connection.>
- P. <Interceptor Sewer Manholes:
1. Standard; each (Ea.): Unit price includes costs for furnishing and installing side-saddle PVC lined tee, PVC lined precast platform, PVC lined precast riser, frame and lid, steps, and drop connection from connection to pipe barrel to top of side-saddle tee. Includes excavation, dewatering, sheeting, shoring, concrete, bedding, waterproofing, watertight covers, chimney seals, flexible watertight connections, backfilling, and miscellaneous associated work. Standard manhole shall be up to < > measured from the top of lid to invert of tee.
 2. Extra depth; linear foot (LF): Unit price includes costs for depth in excess of < > for standard manhole as measured from top of lid to invert of tee.
 3. Drop connection; each (Ea.): Unit price includes furnishing and installing lateral sewer tee and drop pipe. Includes excavation, dewatering, backfill, and miscellaneous associated work to construct drop connection.
 4. Connections to Existing Sewer System; lump sum (LS): Price includes all costs for material; labor; furnishing and installing manhole, if required; fill concrete; shaping of manhole bottoms; plugging of existing sewers; temporary pumping of sanitary wastewater, if required; excavation; dewatering; sheeting; shoring; bedding; backfill; and miscellaneous associated work to make connections to existing system shown. Payment will be made at Contract unit price for the various connections listed.>
- Q. <Inlets; Inlets and Catch Basins; Catch Basins; each (Ea): Unit price includes all costs for excavation, material, frame and grate, removal of existing inlet or catch basin, hauling and disposal of excess excavated material, backfilling, and incidental work to construct each type listed complete.>
- R. <Check Dams; each (Ea): Unit price includes all costs for furnishing and installing check dams. Payment will be made for type of check dam installed.>
- S. <Wye Connections; each (Ea): Unit price includes the additional cost of wyes over straight pipe and additional excavation, backfill, joints and stoppers as specified.>
- T. <Riser Connections; each (Ea): Unit price includes the additional cost of riser connections over straight pipe including tee, concrete and additional excavation, backfill, joints, and stoppers required for each riser connection. Cost of riser pipe shall not be included in this item.>
- U. <Riser Pipe; linear foot (LF): Includes riser pipe, bend, joints, and additional excavation and backfill. Measurement will be along centerline of pipe from bell of riser tee to bell of bend.>
- V. <Concrete Encasement; linear foot (LF): Unit price includes cost for additional work, materials and handling required to encase sewer pipe in concrete, complete and in place.>
- W. <New Sanitary Service Pipe; linear foot (LF): Unit price includes all costs for furnishing and handling pipe, augering, excavation, bedding, laying, dewatering, sheeting and shoring, backfilling, utility repair, surface restoration, and miscellaneous associated work. Length for payment will be measured along center line of pipe from center line of wye or end of riser to termination of service pipe.>
- X. <Water Main Relocation; linear foot (LF): Unit price includes all costs for furnishing, handling and laying pipe, materials, fittings, specials, excavation, dewatering, sheeting, shoring, removal of existing main, testing, disinfection, backfilling, bedding if required, thrust blocking, utility repair, and surface restoration. Includes removal, transporting, and disposal of removed pavement surfaces and excess excavated material, resetting existing valves and valve boxes and other incidental work. Measurement will be made for actual length of new pipe and for diameters listed.>

- Y. <Railroad Crossings; (Augered or Jacked); linear foot (LF): Unit price includes all costs for material, labor, excavation, dewatering, sheeting and shoring, jacking, augering or tunneling, furnishing and installing casing pipe, <water main>, <force main>, <sewer>, backfill between casing and carrier pipe, flaggers, warning lights, barricades, and incidental work for each railroad crossing listed. Includes coordination with railroad owner and meeting all requirements of permits issued by railroad owner. Includes payment to railroad owner for flaggers, inspectors, and other items required in permit agreement except for permanent crossing fee which will be paid by Owner.>
- Z. <Highway Crossings; (Augered or Jacked); linear foot (LF): Unit price includes all costs for material, labor, excavation, dewatering, sheeting and shoring, jacking, augering or tunneling, furnishing and installing casing pipe, <water main>, <force main>, <sewer>, backfill between casing and carrier pipe, flaggers, warning lights, barricades, and incidental work for each highway crossing listed. Includes coordination with roadway owner and meeting all requirements of permits issued by roadway owner.>
- AA. <Water Main> <Force Main> by Horizontal Directional Drilling, LF: Unit price includes constructing pits, directional drilling, furnishing and installing pipe, bends, fittings, gaskets, tracer wire, and appurtenances except valves and fire hydrants; handling, laying, bedding and bedding material, excavation, backfill, sheeting, shoring and bracing, dewatering, testing and disinfection, sodding, removal and replacement of sidewalk, driveways and streets, and miscellaneous associated work. Length will be measured along centerline of pipe with no deduction for valves or fittings. Payment will be made for various diameters listed in accordance with following schedule:
1. After installation of pipe: 60 percent of contract unit price.
 2. After successful testing and disinfection of pipe and appurtenances: 20 percent of contract unit price.
 3. After placement and initial watering of sod, street replacement, and other required surface restoration: remaining 20 percent of contract unit price.>
- BB. <Acidizing Well; lump sum, (LS): Unit price includes all costs of materials, equipment, and labor for removing test pump, applying acid, delay while acid stands in well, flushing of acid with clean water, and replacement of test pump in well and pumping re-testing.>
- CC. <Rock Excavation; cubic yard (CY): Unit price includes additional cost of labor, materials, equipment, removal and disposal, and incidentals for rock excavation over cost of earth excavation. Measurement computed by average end area method of actual rock excavated up to following maximum width limits:
1. 30" maximum for pipe 15" or less internal diameter.
 2. 16" plus outside diameter of pipe for pipe larger than 15" internal diameter.
 3. One foot outside wall line of manhole appurtenances.>
- DD. <Street Pavement Replacement; square yard (SY): Unit price includes all costs for labor and material for replacing pavement and base or subbase in streets. Includes saw cutting, pavement markings, expansion joint material and joint sealing and replacement of pavement markings. Payment will be made for types of pavement listed. <Does not include concrete pavement joint reinforcing steel which is paid for separately>. Measurement for this item will be subject to limitations outlined as follows:
1. Quantities of pavement replacement will be calculated as the actual quantity of pavement replaced up to the maximum limits defined in the attached table.
 2. No payment will be made for pavement replacement outside the tabulated limits as necessitated by greater trench width. Payment will be made for additional pavement replacement beyond 1'-0" from actual edge of trench only where removal has been authorized by Engineer.
 3. Maximum permissible trench width shall be equally divided on each side of centerline of pipe as laid.>
- EE. <Driveway Replacement; square foot (SF): Unit price includes all costs for labor and material for removing and replacing driveway removed for <sewer> <water main> construction. Includes forming, placing 6" portland cement concrete, finishing, jointing, and joint sealing. Measurement will be made of actual area installed.>

- FF. <Concrete Pavement Joint Reinforcing Steel; each (Ea.): Unit price includes the costs for furnishing and installing reinforcing steel bars or dowels in concrete pavement joints. Cost includes drilling existing pavement to insert new reinforcing bars. Payment will be for each reinforcing steel bar or dowel for the various types listed. Does not include saw cutting, expansion joint material, or joint sealer incidental to pavement replacement.>
- GG. <Sidewalk Replacement; square foot (SF): Unit price includes all costs for labor and material for removing and replacing sidewalk removed for sewer construction. Measurement will be made of actual area installed. No payment will be made for replacement of existing sidewalk outside limits tabulated under pavement replacement as necessitated by trench width greater than that specified.>
- HH. <Curb and Gutter Replacement; linear foot (LF): Unit price includes all costs for labor and material for removing and replacing curb and gutter. Measurement will be made of actual length replaced. No payment will be made for replacement outside limits tabulated under pavement replacement as necessitated by trench width greater than that specified.>
- II. <Granular Fill Under Pipe; cubic yard (CY): Unit price includes additional costs for excavation, dewatering, labor, materials, equipment, and incidentals for providing granular fill in place of unsuitable foundation materials where authorized by Engineer. Does not include pipe bedding material. Measurement computed by average end area method.>
- JJ. <Sheeting Left in Place; square feet (SF): Unit price includes material cost of sheeting and shoring only when authorized by Engineer to be left in place. Cost of transporting and installing considered incidental to installation and shall not be included. Sheeting, which may be removed without endangering utilities or structures shall be considered incidental and shall not be paid for.>
- KK. <Tree Removal; inch-diameter (In.-Dia.): Unit price includes all costs for labor and equipment for removal, hauling, and disposal of trees in direct conflict with trench alignment only. Diameter determined by measuring trunk circumference 2' above ground and dividing by 3.14. Removing trees 6" in diameter and smaller considered incidental to excavation.>
- LL. <Clearing, Grubbing and Tree Removal; lump sum for each line segment (LS): Price includes all costs for labor and equipment for removal, hauling, and disposal of trees and brush in construction limits parallel to trench alignment. Each line segment listed shall be measured along centerline of pipe. Clearing, grubbing and tree removal required outside the line segments listed, shall be considered incidental and included in the price for <sewer> <water main>.>
- MM. <Sod; square foot (SF): Unit price includes all costs for preparation, sodding, fertilizer, watering, and incidentals for re-establishing lawns and grass areas.>
- NN. <Seeding; square yard (SY): Unit price includes all costs for preparation, seeding, fertilizer, watering, and incidentals for re-establishing lawns and grass areas.>
- OO. <Cast-In-Place Concrete Structures; lump sum (LS): Price includes all costs for labor, materials, excavation, dewatering, form work, reinforcing steel, concrete, embedded items, mechanical items, curing, backfilling and incidentals for concrete construction. <Includes PVC liners and waterproofing>.>
- PP. <Riprap; square yard (SY): Unit price includes all costs for furnishing and installing filter fabric, bedding material and riprap. Includes foundation preparation. Measurement will be made on surface area or riprap installed for various thicknesses listed.>
- QQ. <Plants; each (Ea.): Unit price includes costs of labor, equipment and materials for furnishing and installing, fertilizing, watering and incidentals for plants replaced at Owner's direction.>
- RR. <Field Fence; linear foot (LF): Unit price includes cost of labor, materials and equipment for furnishing, handling and installing woven wire fabric, posts, gates, and accessories required for a complete installation of new field fence. Length shall be as measured along bottom strand.>

- SS. <Demolition; lump sum (LS): Price includes furnishing material and labor for removal and disposal of structures, and equipment. Includes any backfilling made necessary by these operations.>
- TT. <Stormwater Pollution Prevention; lump sum (LS): Price includes costs for materials and labor for preparation and submittal for permitting of acceptable and effective stormwater pollution prevention plan in accordance with < > requirements. Includes implementation of approved plan.>
- UU. <Erosion Control; lump sum (LS): Price includes costs for materials and labor to implement effective erosion control.>
- VV. <Traffic Control; lump sum (LS): Price includes costs for materials and labor to provide, install and remove temporary traffic control devices required for construction.>
- WW. <Select Backfill Over Pipe; cubic yard (CY): Unit price includes all costs for furnishing and placing select backfill or suitable trench excavated material meeting requirements of select backfill when trench center line is within <10'>< > of paved surfaces, disposal of excess excavated material, compaction and incidentals. Measurement computed by average end area method of actual select backfill placed from depth of 1' above top of pipe to bottom of base under pavement, or to bottom of topsoil in grassed areas. No payment will be made for placing, grading, or removing select backfill material above bottom of pavement base to provide temporary access prior to pavement replacement. No payment will be made due to excavation beyond the following limits.
1. Top of trench width equal to limitation defined under pavement replacement, less 2'.
 2. Trench width at top of pipe equal to outside diameter of pipe, plus the following:
 - a. 2" - 30" pipe: 2'.
 - b. 36" - 78" pipe: 3'.
 - c. 84" and larger: 4'.>
- XX. <Televising and Video Recording:
1. Existing Conditions Video Record; lump sum (LS): Lump sum price includes all costs for labor, material, and equipment for televising and complete video taping of existing features along and adjacent to routes of all sewers and force mains.
 2. Internal Television Inspection; linear foot (LF): Unit price includes all costs for labor, material, and equipment for televising and complete video taping of all constructed sanitary sewers 10" and larger. Length will be measured along centerline of pipe with no deduction for manholes.>
- YY. <Piping Demolition; linear foot (LF): Price includes furnishing material and labor for removal and disposal of piping, fittings, valves, specialties, accessories, and insulation and jacketing for <steam, condensate, hot water, chilled water, condenser water systems>.>
- ZZ. <Equipment Demolition; each (EA): Price includes furnishing material and labor for removal and disposal of equipment and accessories, specialties, electrical connections, controls, structural supports and insulation and jacketing for <tanks, pumps, boilers, chillers, cooling towers>.>
- AAA. <Isolation Valves; each (EA): Unit price includes all costs of furnishing and installing various types and sizes of isolation valves including operators complete in place along with special tools.>
- BBB. <Instrumentation; each (EA): Unit price includes all costs of furnishing and installing various types and sizes of instrumentation (flow switches, flow meters, pressure indicators and transmitters, temperature indicators and transmitters, level indicators and transmitters, and etc.) including control connections, electrical connections, and miscellaneous associated accessories and work.>
- CCC. <Control Wiring; linear foot (LF): Unit price includes all costs for wiring, accessories, hangers and supports, testing, connections to existing and new systems, and miscellaneous associated work required to furnish and install control wiring of service, type, material, and sizes listed.>
- DDD. <Power Wiring; linear foot (LF): Unit price includes all costs for wiring, conduit and fittings, accessories, hangers and supports, testing, connections to existing and new systems, and

miscellaneous associated work required to furnish and install power wiring of service, type, material, and sizes listed.>

- EEE. <Piping; linear foot (LF): Unit price includes all costs for pipe, fittings, specialties, accessories, hangers and supports, insulation and jacketing, welding, testing, connections to existing system, and miscellaneous associated work required to furnish and install piping of service, type, material, and sizes listed.>
- FFF. <Owner Furnished Motor Operated Control Valves; each (EA): Unit price includes all costs of installing various types and sizes of Owner furnished motor operated control valves including control connections, electrical connections, and operators complete in place of type and size listed.>
- GGG. <Owner Furnished Centrifugal Water Chiller; each (EA): Unit price includes all costs for auxiliary equipment, accessories, specialties, electrical connections, controls, structural steel and concrete supports, insulation and jacketing, testing, start-up and commissioning, and miscellaneous associated work required to install Owner furnished variable speed drive centrifugal water chiller of service, type, and sizes listed.>
- HHH. <Owner Furnished Forced Draft Cooling Tower; each (EA): Unit price includes all costs for auxiliary equipment, accessories, specialties, electrical connections, controls, structural steel and concrete supports, insulation and jacketing, heat tracing, testing, start-up and commissioning, and miscellaneous associated work required to install Owner furnished variable speed drive forced draft cooling tower of service, type, and sizes listed.>
- III. <Owner Furnished Plate & Frame Heat Exchangers; each (EA): Unit price includes all costs for accessories, specialties, structural steel and concrete supports, insulation and jacketing, controls, testing, start-up and commissioning, and miscellaneous associated work required to install Owner furnished plate & frame heat exchangers of service, type, and sizes listed.>
- JJJ.<Owner Furnished Shell & Tube Heat Exchangers; each (EA): Unit price includes all costs for accessories, specialties, structural steel and concrete supports, insulation and jacketing, controls, testing, start-up and commissioning, and miscellaneous associated work required to install Owner furnished shell & tube heat exchangers of service, type, and sizes listed.>
- KKK. <Owner Furnished Centrifugal Pumps; each (EA): Unit price includes all costs for accessories, specialties, electrical connections, controls, structural steel and concrete supports, insulation and jacketing, testing, start-up and commissioning, and miscellaneous associated work required to install Owner furnished constant speed and variable speed drive centrifugal pumps of service, type, and sizes listed.>
- LLL. <Owner Furnished Variable Frequency Drives; each (EA): Unit price includes all costs for accessories, controls, testing, commissioning and miscellaneous associated work required to install Owner furnished variable frequency drives for the pumps and fans listed under the mechanical equipment schedule and of service, type, and sizes listed within the electrical specification data sheets.>
- MMM. <Owner Furnished Low Voltage Motor Control Center; each (EA): Unit price includes all costs for breakers, fused switches, accessories, controls, testing, commissioning and miscellaneous associated work required to install Owner furnished motor control center of service, type, and sizes listed within the electrical specification data sheets.>
- NNN. <Owner Furnished Low Voltage Switchboards; each (EA): Unit price includes all costs for breakers, accessories, controls, testing, commissioning and miscellaneous associated work required to install Owner furnished Power Switchboards of service, type, and sizes listed within the electrical specification data sheets.>

- OOO. <Concrete; cubic yard (CY): Unit price includes labor, equipment, materials, tests, placing, forming, finishing, curing, installation of embedded items, and incidental work necessary for concrete construction. Unit price does not include reinforcing steel.>
- PPP. <Reinforcing Bar or Welded Wire Fabric; pound (Lb): Unit price includes all work in connection with furnishing and installing. Pounds of reinforcing bar defined as theoretical weights of various sizes and lengths of bars shown on fabricator's Shop Drawings.>
- QQQ. <Primary Structural Steel; pounds; (Lb): Unit price includes pounds defined as theoretical weights of W-shapes, S-shapes, American Standard Channels (C-shapes), miscellaneous channels (MC-shapes), structural tubing, and structural pipes of 3-1/2" nominal diameter or larger.>
- RRR. <Secondary Structural Steel; pounds; (Lb): Unit price includes pounds defined as theoretical weights of plates, angles, tees, pipes of 3" nominal diameter or less, rods, bolts, hardware and other secondary steel.>
- SSS. <Anchor Bolt Assemblies; pounds; (Lb): Unit price includes pounds defined as theoretical weights of various sizes and lengths of anchor bolts. Unit price includes sleeves, nuts, anchor plates, and miscellaneous associated items.>
- TTT. <General Contractor Labor; hourly (Hr): Unit price includes hourly labor rates for all supervisor, journeyman, and apprentice.>
- UUU. <Mechanical Contractor Labor; hourly (Hr): Unit price includes hourly labor rates for all supervisor, journeyman, and apprentice.>
- VVV. <Electrical Contractor Labor; hourly (Hr): Unit price includes hourly labor rates for all supervisor, journeyman, and apprentice.>
- WWW. <Instrumentation & Controls Contractor Labor; hourly (Hr): Unit price includes hourly labor rates for all supervisor, journeyman, and apprentice.>
- XXX. <Structural Contractor Labor; hourly (Hr): Unit price includes hourly labor rates for all supervisor, journeyman, and apprentice.>
- YYY. <Civil Contractor Labor; hourly (Hr): Unit price includes hourly labor rates for all supervisor, journeyman, and apprentice.>

PART 2 PRODUCTS

NOT USED

PART 3 EXECUTION

NOT USED

END OF SECTION