
PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This Section includes requirements for measurement and payment as they apply to the Work.
- B. Measurement methods specified in the individual Sections of these Specifications shall govern if different from the methods specified herein.

1.02 MEASUREMENT OF QUANTITIES

- A. Measurement Standards: All Work to be paid for at a Contract price per unit of measurement will be measured by the Owner in accordance with United States Standard Measures.
- B. Measurement by Area: Measurement by area will be by the square dimension listed or indicated in the Schedule of Quantities and Prices.
- C. Linear Measurement: Linear Measurement will be by the linear dimension listed or indicated in the Schedule of Quantities and Prices. Unless otherwise indicated, items, components, or work to be measured will be measured at the centerline of the item in place.
- D. Lump-Sum Measurement:
 - 1. Lump-sum measurement will be for the entire item, unit of work, structure, or combination thereof, as specified and as listed or indicated in the Schedule of Quantities and Prices with pay limits for the item of work shown on the Plans.
 - 2. If Contractor requests progress payments for lump-sum items or amounts in the Schedule of Quantities and Prices, such progress payments will be made in accordance with a well-balanced, detailed program of payment-apportioning, prepared by Contractor and submitted to the Owner for approval.
 - 3. Such program for each applicable lump-sum item shall show fixed measurable quantities where possible and unit prices therefore as allocated by Contractor to the different features of the Work and major subdivisions thereof. The summation of extensions of quantities and unit prices and related costs shall equal the amount of the lump sum bid item indicated in the Schedule of Quantities and Prices.

1.03 ALLOWANCES

- A. All Allowance Work shall be directed by the Owner or Engineer to the Contractor in writing prior to the start of work. The work shall be billed by time and materials and shall not exceed the total approved by the Owner.
- B. Allowances specified in the Contract Documents shall cause the work so covered to be furnished and performed for such sums as acceptable to the Owner and shall include the cost to Contractor, less any applicable trade discounts, of materials and equipment to be delivered and installed.
- C. Contractor's costs for unloading, handling, labor, installation costs, overhead, profit and other expenses contemplated shall not be deducted from the Allowance but shall be included in the Contract Price.

1.04 SCOPE OF PAYMENT

- A. The contract lump sum and unit prices paid for the various items and classifications of work shall include full compensation for furnishing all labor, materials, tools, equipment, transportation, services, and incidentals as specified in GC-56, "Compensation," and for performing all work necessary for completing the construction or installation of the item or work classification, unless stated otherwise.

1.05 MEASUREMENT AND PAYMENT

- A. Costs for conforming to the provisions of this section will receive no separate payment from the Owner, and the Contractor is presumed to have allocated such costs to the pay items deemed most appropriate.
- B. Contractor administrative costs for performing work in this contract will receive no separate payment from the Owner, and the Contractor is presumed to have allocated such costs to the pay items deemed most appropriate.

1.06 BID ITEM DESCRIPTIONS

- A. **Bid Item No. 1 – Preconstruction Activities (ALLOWANCE)**
 - 1. Payment for addressing preconstruction activities as directed by the OWNER. The CONTRACTOR shall assist the OWNER and ENGINEER with construction planning activities and coordination meetings with project stakeholders including but not limited to coordination, planning, resource development (local utilization, WMDVBE), and permitting activities necessary to start construction but prior to notice to proceed.

2. Measurement shall be in accordance with the requirements for allowance type work.

B. Bid Item No. 2 – Community Outreach (ALLOWANCE)

1. Payment for addressing community outreach activities as directed by the Owner. The Contractor shall assist the Owner and Engineer with community outreach activities including but not limited to meeting attendance, presentations and discussions of construction activities and methods; information development including printed materials and electronic materials suitable for publishing on the project website.
2. Measurement shall be in accordance with the requirements for allowance type work.

C. Bid Item No. 3 – Mobilization/Demobilization

1. The contract lump sum price paid for mobilization shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, for doing all the work involved in mobilization, complete in place, as shown on the Plans, as specified in these technical specifications, and as directed by the Owner.
2. Payments for mobilization will be made as follows:
 - a. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is 5 percent or more of the original Contract amount, 50 percent of the contract item price for mobilization or 5 percent of the original Contract amount, whichever is the lesser, will be included in said estimate for payment.
 - b. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is 10 percent or more of the original Contract amount, the total amount earned for mobilization shall be 75 percent of the contract item price for mobilization or 7.5 percent of the original Contract amount, whichever is the lesser, will be included in said estimate for payment.
 - c. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is 20 percent or more of the original Contract amount, the total amount earned for mobilization shall be 95 percent of the contract item price for mobilization or 9.5 percent of the original Contract amount, whichever is the lesser, will be included in said estimate for payment.

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- d. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is 50 percent or more of the original Contract amount, the total amount earned for mobilization shall be 100 percent of the contract item price for mobilization or 10 percent of the original Contract amount, whichever is the lesser, will be included in said estimate for payment.
 - e. After acceptance of the contract, the amount, if any, of the contract item price for mobilization in excess of 10 percent of the original contract amount will be included for payment of the final estimate.

D. Bid Item No. 4 – Environmental Requirements/Restoration

- 1. Payment for addressing site specific environmental requirements and/or restoration. This work shall be directed by the Owner or Engineer.
- 2. Payment for this item shall be made at the contract unit price of Lump Sum.

E. Bid Item No. 5 – Safety and Environmental Exclusion Fencing

- 1. Payment for installing the Exclusion Fencing, as shown on the Plans and described in the specifications. Payment for this item of work will be full compensation for furnishing all materials, tools, labor, and equipment necessary for installing and maintaining the fence.
- 2. Payment for this item shall be made at the contract unit price for each linear foot of exclusion fencing furnished.

F. Bid Item No. 6 – SWPPP/Erosion Control

- 1. Payment for development and execution of a storm water pollution prevention plan per Sections 01561 and 02270.
- 2. Payment for this item shall be made at the contract unit price of Lump Sum.

G. Bid Item No. 7 – Utility Potholing

- 1. Payment for locating and potholing the existing underground utilities as shown on the Plans. Payment for this item of work will be full compensation for furnishing all materials, tools, labor, and equipment necessary for potholing including but not limited to location and protection of the utility, excavation, traffic control, backfill and

compaction, and restoration of grade, pavement, curbs, gutters, sidewalks, and landscaped areas.

2. Payment for this item shall be made at the contract unit price for each pothole furnished.

H. Bid Item No. 8 - Staking/Surveying/As-Built Drawings

1. Payment for staking and surveying will be measured as a lump sum for all surveying and staking requirements, full compensation for furnishing all materials, tools, labor, and equipment necessary.
2. Payment for Staking and Surveying shall consist of:
 - a. Establishing or reestablishing the project centerline.
 - b. Referencing or re-referencing all necessary control points.
 - c. Running a circuit of bench levels to check or reestablish plan benchmarks.
 - d. Setting other benchmarks as needed.
 - e. Staking right-of-way or re-staking right-of-way where needed if it has been previously staked and performing all construction layout and reference staking necessary for the proper control and satisfactory completion of all structures, grading, paving, drainage, and all other appurtenances required for the completion of the construction work and acceptance of the project.
3. Contractor shall provide as-built drawings of all constructed improvements with surveyed coordinate locations for all pipeline features and appurtenances including bends, valves, CAVs, blow offs, etc.

I. Bid Item No. 9 - Traffic Control

1. Payment for Traffic Control will be measured as a lump sum for all labor, materials, tools, equipment, incidentals, and meeting all requirements, for doing all the work involved in providing traffic control, specified in Section 01570 – Traffic Control.

J. Bid Item No. 10 – Trench Shoring

1. Payment for excavation shoring, trench and manhole shoring in accordance with Section 02160 – Excavation Support System and shall include full compensation for furnishing all labor, materials, tools,

equipment, and incidentals, for installation and removal of the trench and structure shoring, bracing, and sheeting system for the pipeline. It shall include compensation for any and all engineering and permit fees incurred by the Contractor for the design of the shoring system, and no additional compensation will be allowed therefor.

2. Payment for excavation shoring shall be measured as a lump sum, and include furnishing of all work required and specified in Section 02160 – Excavation Support System. Payment for shoring for jacking and receiving pits shall be made under a separate bid item

K. Bid Item No. 11 – Trench Dewatering

1. Payment for providing materials, tools, equipment, facilities, and services as required for providing the necessary dewatering work and facilities as required and specified in Sections 02140 – Dewatering and 01150 Water Treatment and Disposal.
2. Payment for this item shall be made at the contract lump sum price at each location.

L. Bid Item No. 12 – Clearing, Grubbing, and Site Grading

1. Clear Grubbing and Site Grading, including excavation operations and monitoring, to establish the two new 3 million gallon tanks, future parking and overflow basin/sports field will be paid at the applicable unit price named in the Bid Form. Areas of Clear Grubbing and Site Grading will be measured by surveys provided by the Owner. Contractor shall provide a minimum 5-day notice to the Owner for coordinating area surveys 1) upon completion of clearing and grubbing to the depths of the lines and grades shown on the plans and 2) upon completion of excavation work at the tank site, future parking and overflow basin/sports field. Provide 4 working days following each notice for the Owner's survey work; provide site access for the Owner's surveyor during these periods; and allow an additional 4 days for quantities to be calculated and submitted for the Contractor to include in his payment request. Clear Grubbing and Site Grading in excess of that shown on the plans shall not be paid for unless pre-approved by the Owner in writing. If the Contractor chooses to verify or dispute the Owner's quantities, he can provide survey information in electronic CAD format from a surveyor with a valid California Surveyor's License. Such information to verify or dispute quantities for excavation shall be accompanied with spreadsheet calculations such that the Owner can resolve the quantities for payment. Payments for partial completion of excavation shall be based on quantity estimates as approved by the Owner's observer. Payment shall include all labor, equipment, and materials for clearing and grubbing, excavation, removal

and disposal of deleterious or un-useable materials, temporary storage and movement of materials and other work incidental to excavation.

2. Payment for this item shall be made at the contract unit price for acres of area Clear Grubbing and Site Grading furnished. Payment of grading for the soccer field and parking lot sites shall be made under separate pay items.

M. Bid Item No. 13 – Earthwork - Cut, for Tank Site

1. Earthwork - Cut for tank site, including excavation operations and monitoring, to establish the subgrade of the new 3 million gallon tanks will be paid at the applicable unit price named in the Bid Form. Quantity of Earthwork - Cut for tank site will be measured by surveys provided by the Owner. Contractor shall provide a minimum 5-day notice to the Owner for coordinating quantity surveys 1) upon completion of clearing and grubbing (paid under separate bid items) to the depths of the lines and grades shown on the plans and 2) upon completion of Earthwork - Cut at the tank site. Provide 4 working days following each notice for the Owner's survey work; provide site access for the Owner's surveyor during these periods; and allow an additional 4 days for quantities to be calculated and submitted for the Contractor to include in his payment request. Earthwork - Cut at the tank site in excess of that shown on the plans shall not be paid for unless pre-approved by the Owner in writing. If the Contractor chooses to verify or dispute the Owner's quantities, he can provide survey information in electronic CAD format from a surveyor with a valid California Surveyor's License. Such information to verify or dispute quantities for excavation shall be accompanied with spreadsheet calculations such that the Owner can resolve the quantities for payment. Payments for partial completion of excavation shall be based on quantity estimates as approved by the Owner's observer. Payment shall include all labor, equipment, excavation, removal and movement of materials and other work incidental to excavation. Trenching, including excavation for pipelines and pipe supports shall be paid under separate bid items.

2. Payment for this item shall be made at the contract unit price of cubic yard (CY).

N. Bid Item No. 14 – Earthwork - Fill, for Tank Site

1. Fill at Tank Site shall include the placement of, moisture control, and compaction to the lines and grades shown on the plans. Fill at Tank Site shall include approved soil free of unsuitable material, labor, equipment, and other work necessary to place material to the lines and grades shown

on the plans. Fill in excess to the lines and grades shown on the plans or otherwise directed by the Construction Manager in writing shall not be measured for payment.

2. Earthwork - Fill for Tank Site will be measured and paid by Cubic Yard (CY).

O. Bid Item No. 15 – Three (3) Million Gallon Storage Tanks, AWWA D-110

1. Payment for 3.0 MG Prestressed Concrete Storage Tank, AWWA D-110 in accordance with section 13205 – Prestressed Concrete Tank shall include labor, equipment, design of the tank, materials, tank concrete and reinforcing, slurry fill under tank, ladders, vents, hatches, valves, piping, handrails, downspouts, formwork, sealing, coating, painting, disinfection, sampling pipeline, leak detection system, testing, subgrade work, filter material, and appurtenances necessary to install tank as shown in the drawings.
2. Payment for this item shall be made at the contract unit price for each prestressed concrete tank furnished.

P. Bid Item No. 16 – Vault 1: Inlet Control Valve Vault and Manifold

1. Bid item includes furnishing 12'W x 24'L x 8'H valve vault with 2 - 4' x 4' Bilco hatches, sump with pump, lighting, ventilation, safety ladder and fall restraint system as shown in the plans.
2. Manifold includes 12" and 16" pipe, appurtenances, tees, isolation valves, flex couplings, and pressure regulating valve as shown in the plans.
3. Work includes providing all labor, vault excavation, backfill, equipment, materials, and appurtenances necessary to furnish a fully functional Inlet Control Valve Vault and Manifold.
4. Payment for this item shall be made at the contract unit price of Lump Sum of the vault furnished.

Q. Bid Item No. 17 – Vault 2: Outlet Control Valve Vault and Manifold

1. Bid item includes furnishing 12'W x 16'L x 25'H valve vault with 2 - 4' x 4' Bilco hatches, sump with pump, lighting, ventilation, safety ladder and fall restraint system as shown in the plans.
2. Manifold includes 12" and 16" pipe, appurtenances, tees, isolation valves, flex couplings as shown in the plans.

3. Work includes providing all labor, vault excavation, backfill, equipment, materials, and appurtenances necessary to furnish a fully functional Outlet Control Valve Vault and Manifold.
4. Payment for this item shall be made at the contract unit price of Lump Sum of the vault furnished.

R. Bid Item No. 18 – Vault 3: Drain Control Valve Vault and Manifold

1. Bid item includes furnishing 12’W x 16’L x 25’H valve vault with 2 - 4’ x 4’ Bilco hatches, sump with pump, lighting, ventilation, safety ladder and fall restraint system as shown in the plans.
2. Manifold includes 12” and 16” pipe, appurtenances, tees, isolation valves, flex couplings as shown in the plans.
3. Work includes providing all labor, vault excavation, backfill, equipment, materials, and appurtenances necessary to furnish a fully functional Drain Control Valve Vault and Manifold.
4. Payment for this item shall be made at the contract unit price of Lump Sum of the vault furnished.

S. Bid Item No. 19 – Provide 12” Potable Water Pipeline

Bid Item No. 20 – Provide 16” Potable Water Pipeline

1. Payment for procuring and delivering to the project site one of the following pipe materials:
 - a. Ductile Iron Pipe (AWWA C151)
 - b. Steel Pipe (AWWA C200)
 - c. Polyvinyl Chloride Pressure Pipe (AWWA C900)
 - d. High Density Polyethylene Pipe (AWWA C906)
2. The work includes procurement and delivery of all pipe and appurtenances including tees, bends, flanges and restraints as shown in the drawings and these specifications.
3. Work also includes transportation, storage and security of materials until time needed for installation.
4. Payment for pipe will be by the linear foot installed for diameter indicated and for each pipe strength designation measured horizontally over the pipe alignment centerline. Appurtenances are incidental to this bid item. Valves are addressed separately.

T. Bid Item No. 21 – Install 12” Potable Water Pipeline

U. Bid Item No. 22 – Install 16” Potable Water Pipeline

1. Payment for installing potable water pipeline in accordance with the relevant pipeline technical specification, Section 01026 Environmental Requirements, Section 02200 Earthwork and shall include full compensation for furnishing all labor, equipment, tools, materials, including all fittings and pipe, and incidentals for doing all the work necessary within the standard width as defined in the Trench Details on the Project Plans, including saw-cutting, excavation, soil handling, stockpiling, segregation, placement of bedding, backfilling, compaction, tracer wire and tracer wire access boxes and temporary paving, as specified in the Technical Specifications, the Project Plans and all relevant permits . In addition, payment includes removal, and disposal /recycling of existing pavement.
2. Payment for restrained joints as shown in the project plans.
3. Payment for pipe will be by the linear foot for diameter indicated and for each pipe strength designation installed (including fittings and special sections) measured horizontally over the pipe centerline.
4. Payment for excavation, bedding, backfill and testing of native or imported materials, controlled density fill, trench plugs, and disposal of materials, equipment, tools, labor and materials within the trench width as defined in the Standard Details and the Project Plans and specifications shall be deemed included in the price paid for the pipe and no additional compensation will be allowed therefor.
5. Payment shall include pipe testing and disinfection in accordance with Section 01656 Pressure Pipe Testing and Disinfection.

V. Bid Item No. 23 – Provide and Install 12" Gate Valves

Bid Item No. 24 – Provide and Install 16" Butterfly Valves

1. Payment shall be made on the contract unit price for furnishing gate valve assembly (AWWA C-509) or butterfly valves (AWWA C-504), installed complete in place as shown on the Plans and specified in the technical specifications.
2. Payment shall be deemed full compensation for all labor, equipment, materials , and incidentals for furnishing gate valve as sizes indicated,

valve box and iron cover, thrust blocks and/or mechanical restraints, riser, tracer wire, and all items recommended or specified by the valve manufacturer, and all work required to install valve complete in place as specified.

W. Bid Item No. 25 – Provide and Install 16” PRV in Inlet Vault

1. Payment for installation of new pressure regulating valve (PRV) in vault in accordance with Section 15200.
2. Payment for this item shall be made at the contract unit price for each PRV furnished.

X. Bid Item No. 26 – Provide and Install 12" Flow Meters in Vault (Inlet)

1. Bid item includes furnishing 7’W x 7’L x 9’H valve vault and magnetic flow meter in vault as shown in the plans and specifications. The work includes labor, materials, equipment, fitting, and incidentals necessary for a complete installation of the flow meters in inlet vaults as shown in the drawings.
2. Payment for this item shall be made at the contract unit price for each of flow meter furnished.

Y. Bid Item No. 27 – Provide and Install 12" Flow Meters in Vault (Outlet)

1. Bid item includes furnishing 7’-8” W x 7’-8” L x 9’H valve vault with 4’ x 4’ Bilco hatch, sump with pump, lighting, ventilation, safety ladder and full restraint system as shown in the plans.
2. Work includes 12” pipe connection with the 16” main in Hilby, isolation valves, 12" flow meter, fittings, flex couplings as shown in the plans.
3. Work includes providing all labor, vault excavation, backfill, equipment, materials, and appurtenances necessary to furnish a fully functional Outlet Flow Meter Vault.
4. Payment for this item shall be made at the contract unit price of Lump Sum of the vault furnished

Z. Bid Item No. 28 – Provide and Install Above-Grade PRV Station for Outlet Pipe in Hilby

1. Payment for furnishing above grade outlet pipeline PRV station at Hilby Ave, will be measured as a lump sum for all labor, equipment, materials,

incidentals, and services as required, including concrete pad, fence and gate, site grading, complete in place as shown on the Plans and specified.

2. Payment for this item shall be made at the contract unit price of Lump Sum of the vault furnished

AA. Bid Item No. 29 – Provide and Install 2” Combination ARVs

1. Payment shall be made on the contract unit price for each Combination ARV assembly, installed complete in place as shown on the Plans and specified in the technical specifications.
2. Payment shall be deemed full compensation for all labor, equipment, incidentals, and materials for furnishing combination ARV valve, tubing connection with main, fittings, curb stop, utility box, enclosure, concrete slab, and all items recommended or specified by the valve manufacturer, and all work required to install valve complete in place as specified.

BB. Bid Item No. 30 – Provide and Install Blowoffs (Hydrant Style)

1. Payment shall be made on the contract unit price for furnishing blowoff assembly, installed complete in place as shown on the Plans and specified in the technical specifications.
2. Payment shall be deemed full compensation for all labor, equipment, materials, and incidentals for furnishing blowoff assembly as sizes indicated, riser, valve box and cover, thrust blocks and/or mechanical restraints, riser, tracer wire, and all items recommended or specified by the manufacturer, and all work required to install valve complete in place as specified.

CC. Bid Item No. 31 – System Connection at General Jim Moore Blvd. (Inlet)

Bid Item No. 32 – System Connection at Luzon St. (Outlet)

1. Payment for connecting new pipelines to existing pipelines. Includes investigating existing conditions and determining connection requirements, scheduling system outage request (SOR) with Owner and facilitating shutdowns and startups with O&M staff. Requires demolishing existing pipe to accommodate new pipelines, providing flanges, couplings, fittings required to make connection, and testing and disinfection to AWWA standards.

2. Payment for this item shall be made at the contract unit price as Lump Sum for each connection.

DD. Bid Item No. 33 – Connect of Existing 4"Steel pipe with Existing 8"AC pipe in Hilby Ave.

1. Payment for connecting existing 4"steel pipelines with existing 8"AC pipelines with new 4" DI pipelines. Includes investigating existing conditions and determining connection requirements, scheduling system outage request (SOR) with Owner and facilitating shutdowns and startups with O&M staff. Requires demolishing existing 4"steel pipe to accommodate new pipelines, providing flange adaptors, insulated dresser couplings, fittings required to make connection, and testing and disinfection to AWWA standards.
2. Payment for this item shall be made at the contract unit price as Lump Sum for each connection.

EE. Bid Item No. 34 – Relocate Water Service in Hilby Ave

1. Payment for relocation of 1"water services from demolished 4"steel pipeline to adjacent 8"AC pipeline. Services shall be reestablished to the Owner's requirements and includes, tapping the existing 8"AC pipe, corporation stops, copper pipe, compression fittings, testing, flushing and disinfection to AWWA and NSF standards.
2. Contractor shall notify customers of any outages and arrange temporary services during the relocation procedure.
3. Payment for this item shall be made per each service relocated.

FF. Bid Item No. 35 – Overflow Outlet Structure

1. Drain Pipeline Outlet Vault (Vault, Expansion Joints, Hatches) shall be paid on contract unit price for each of drain outlet vault furnished, shall include labor, vault excavation, backfill, equipment, materials, and appurtenances necessary to install the Drain Outlet Vault and appurtenances as shown in the drawings.
2. Payment for this item shall be made at the contract unit price for each of vault furnished

GG. Bid Item No. 36 – Provide and Install Electrical Service and Facilities

1. This item is a lump sum bid for furnishing and installing all electrical power to the reservoir site from existing supply at Hilby and General Jim Moore Blvd.
2. The work includes working with power provider to acquire power drop and bringing it in buried conduits to the reservoir site. At the site, provide local power control.
3. Install conduits, conduit supports, pull boxes, 4 light posts, wires, circuit breakers and associated accessories, lighting, wiring devices, disconnect switches, grounding system, testing and start up activities as shown on the plans, in accordance with the technical specifications, and as required, to provide a complete and operation system.

HH. Bid Item No. 37a – Design and Provide Cathodic Protection System for Metallic Pipelines and Appurtenances

Bid Item No. 37b – Design and Provide Cathodic Protection System for Metallic Appurtenances on Plastic Pipelines

1. Payment for designing and furnishing a cathodic protection system for the metallic pipelines and appurtenances or the metallic appurtenances on plastic pipelines.
2. The cathodic protection system shall be designed and furnished as per Section 13110 and the plans.
3. Payment for this item of work will be full compensation for furnishing all materials, tools, labor, and equipment necessary for potholing including but not limited to location and protection of the utility, excavation, traffic control, backfill and compaction, and restoration of grade, pavement, curbs, gutters, sidewalks, and landscaped areas.
4. Payment for this item shall be made at the contract unit price of Lump Sum for a fully furnished, functioning system.

II. Bid Item No. 38 – Headwalls

1. Payment for furnishing Type A headwalls and concrete apron as shown on the Plans. Payment for this item of work will be full compensation for furnishing all materials, tools, labor, and equipment necessary including but not limited to excavation, connection with pipe, backfill, compaction, and restoration of grade, pavement, curbs, gutters, sidewalks, and landscaped areas.

2. Payment for this item shall be made at the contract unit price for each of Headwall furnished (EA).

JJ. Bid Item No. 39 – Provide and Install 24” RCP Storm Drain

1. Payment for this item shall include full compensation for furnishing the 24" reinforce concrete pipe (RCP), including trench excavation, backfill and compaction, export of excess materials, labor, equipment, materials, and all necessary to install the storm drain pipe as shown on the Plans.
2. Payment for this item shall be made at the contract unit price for each linear feet of 24" RCP furnished.

KK. Bid Item No. 40 – Lined Ditch

1. Payment for this item shall include full compensation for furnishing the lined ditch, including excavation, grading, backfill and compaction, surface finishing, export of excess materials, labor, equipment, materials, and all necessary to install the lined ditch as shown on the Plans.
2. Payment for this item shall be made at the contract unit price for each linear feet of lined ditch furnished.

LL. Bid Item No. 41 – Asphalt Concrete Pavement

1. Full compensation for asphalt concrete furnished and placed for pavement restoration in conjunction with trenching for underground facilities, removal and/or replacement of existing facilities, conforming AC paving for paneled crossings and driveway, embedded crossings shall be considered as included in the various contract items of work and no additional compensation will be allowed therefore.
2. Payment for this item shall be made at the contract unit price for each ton (TON) of AC pavement installed as required for street paving.

MM. Bid Item No. 42 – Gravel Pavement

1. Payment for installing gravel road to soccer field and around the new reservoirs as shown in the plans. The work shall include full compensation for furnishing all labor, materials, equipment, compaction of gravel road base and gravel road surface in accordance with the contract documents.
2. Gravel pavement will be measured and paid by Cubic Yard (CY) of gravel furnished.

NN. **Bid Item No. 43 – Restoration of Pavement Traffic Striping**

1. Payment for restoration of traffic striping after AC pavement has been replaced. Payment for this item of work will be full compensation for furnishing all materials, tools, labor, and equipment necessary for restoration of the traffic striping.
2. Traffic striping shall be restored to existing condition of better as documented in pre-construction survey (see Section 01532).
3. Payment for this item shall be made at the contract unit price of Lump Sum for complete replacement of traffic striping.

OO. **Bid Item No. 44 – Repair of Traffic Loops**

1. Payment for repairs to traffic control loops damaged by pipeline construction.
2. Payment for this item shall be made at the contract unit price for each traffic loop repaired.

PP. **Bid Item No. 45 – Reseeding (CA Native Mix)**

- ~~1. Payment for locating and potholing the existing underground utilities as shown on the Plans. Payment for this item of work will be full compensation for furnishing all materials, tools, labor, and equipment necessary for potholing including but not limited to location and protection of the utility, excavation, traffic control, backfill and compaction, and restoration of grade, pavement, curbs, gutters, sidewalks, and landscaped areas.~~
1. Payment for Reseeding includes all materials, tools, equipment, facilities, and services as required and specified in Section 02930 – Seeding.
2. Payment for this item shall be made at the contract unit price for square feet (SF).

PART 2 PRODUCTS

NOT USED.

PART 3 EXECUTION

****END OF SECTION****

