



City Council Report

915 I Street, 1st Floor

Sacramento, CA 95814

www.cityofsacramento.org

File ID: 2019-01147

September 10, 2019

Consent Item 27

Title: Agreement: Industrial Plumbing Supplies [Published for 10-Day Review 08/29/2019]

Location: Citywide

Recommendation: Pass a Motion authorizing the City Manager or the City Manager's designee to: 1) execute a Goods Agreement with Pace Supply, to provide Industrial Plumbing Supplies for a one-year term, with the option to extend for two additional one-year terms, for a total amount not-to-exceed \$3,938,945; 2) authorize the City Manager or the City Manager's designee to approve the one-year extensions, provided that sufficient funds are available in the Department of Utilities (DOU) operating budget adopted for the applicable fiscal year (FY).

Contact: Dayana Reyes-Zanaska, Logistics Manager, (916) 808-6213; Stacy Larkin, Program Analyst, (916) 808-6356; William Busath, Director, (916) 808-1434; Department of Utilities

Presenter: None

Attachments:

1-Description/Analysis

2-Agreement: Pace Supply

Description/Analysis

Issue Detail: DOU has an ongoing need to purchase industrial plumbing supplies in support of its Operations and Maintenance functions within the Department.

Policy Considerations: The recommendations in this report are in accordance with City Code Chapter 3.56, which requires City Council approval for contracts of \$100,000 or more.

The Sacramento City Code Section 4.04.020 and Council Rules of Procedure (Chapter 7, Section E.2.d) mandate that unless waived by a 2/3 vote of the City Council, all labor agreements and all agreements greater than \$1,000,000 shall be made available to the public at least ten (10) days prior to council action. This item was published for 10-day review on August 29, 2019.

Economic Impacts: None

Environmental Considerations: The Community Development Department, Environmental Services Manager has determined that the proposed activity is not a project pursuant to the California Environmental Quality Act (CEQA). CEQA Guidelines Section 15378(b). The activity is a continuing administrative or maintenance activity, such as the purchase of supplies, and is not subject to CEQA. CEQA Guidelines Section 15060(c)(3).

Sustainability: Purchases made under this contract support the goals of the City's Sustainability Master Plan by protecting sources of water and providing flood protection.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: On May 7, 2019, DOU issued Invitation for Bid (IFB) B19141451025 for Industrial Plumbing Supplies. The project was publicly advertised, and bids were received on the closing date of May 22, 2019 and opened on May 29, 2019. Bids were received from Ferguson Enterprises, Inc., Pace Supply and Core and Main.

Ferguson Enterprises, Inc. submitted its bid after the closing time posted in the bid document. As such, it was deemed a late submission and returned unopened and unprocessed. The bid from Core and Main was found to be responsive in 4 of 26 categories; however, it was not found to be the low bidder in any categories. Pace Supply was the lowest responsive bidder in all 26 categories with a bid total of \$3,938,945.

Over the last 3-year contract period, DOU spent approximately \$500,000 per year with Pace Supply and another \$530,000 with Ferguson Enterprises. Given this spending history, DOU

anticipates that there will be sufficient capacity in the contract for three years of purchases. Staff recommends executing a Goods Agreement with Pace Supply, to provide Industrial Plumbing Supplies for a total amount not-to-exceed \$3,938,945 over the three-year term.

Financial Considerations: Sufficient funds are available in the DOU FY2019/20 Operating Budget to execute the agreement with Pace Supply for a one-year term, with an option to extend for two additional one-year terms for an amount not-to-exceed \$3,938,945. Funding of this agreement in future fiscal years will be subject to availability of sufficient funds in the budget adopted for the applicable fiscal year.

There are no General Funds allocated or planned for this project.

Local Business Enterprise (LBE): The LBE program does not apply to contracts for supplies in excess of \$100,000.

CONTRACT #: PRC000527
CONTRACT NAME: Industrial Plumbing Supplies
CONTRACT PROJECT #: 14001451-6005-461111
DEPARTMENT: Utilities
DIVISION: Business Services Division, Logistics Section

GOODS CONTRACT

This Contract is made and entered into at Sacramento, California, between the CITY OF SACRAMENTO, a charter city and municipal corporation ("City"), and

Pace Supply Corporation
8400 24th Street
Sacramento, CA 95826

("Contractor"), as of date it is fully executed ("Effective Date").
The City and Contractor agree as follows:

1 CONTRACT DOCUMENTS

This Contract includes each of the following documents (if applicable), which are attached or incorporated by this reference (referred to collectively as the "Contract Documents"):

Request for Bid, Request for Qualifications, or Request for Proposals, and any Addenda
Technical Specifications Exhibit
Payment Exhibit
Insurance Requirements Exhibit
General Conditions Exhibit
Labor Compliance Exhibit
Purchase Orders

If there is a conflict between the terms and conditions of any document prepared or provided by the Contractor or made a part of this Contract and the terms or conditions of the other Contract Documents, the terms and conditions of the other Contract Documents control.

2 GOODS

Subject to the terms and conditions set forth in this Contract, Contractor shall provide to City the goods, materials, equipment, or supplies described in the attached Technical Specifications Exhibit (referred to collectively as "Goods"). Contractor shall provide the Goods at the time, place, and in the manner specified in the Technical Specifications Exhibit.

Contractor shall not be compensated for Goods provided outside the scope of the Technical Specifications Exhibit ("Additional Goods") unless before providing such Additional Goods: (a) Contractor notifies City and City agrees that the Additional Goods are outside the scope of the Technical Specifications Exhibit ; (b) Contractor estimates the additional compensation required for these Additional Goods; and (c) City, after notice, approves in writing a Contract amendment specifying the Additional Goods and the amount of compensation for the Additional Goods.

City will have no obligations whatsoever under this Contract or any Contract amendment, unless and until this Contract or any Contract amendment is approved by the City as required by City Code. As used in this Contract, the term "Goods" includes both Goods and Additional Goods as applicable.

3 PAYMENT

City shall pay Contractor at the times and in the manner set forth in the Payment Exhibit. Contractor shall submit all invoices to City in the manner specified in the Payment Exhibit.

4 FACILITIES AND EQUIPMENT

Except as set forth below, Contractor shall, at its sole cost and expense, furnish all facilities and equipment that may be required for Contractor to perform this Contract. City shall furnish to Contractor only the facilities and equipment listed below, if any.

5 INSURANCE

Contractor shall, at its sole cost and expense, maintain the insurance coverage described in the Insurance Exhibit.

6 GENERAL CONDITIONS

Contractor shall comply with the terms and conditions set forth in the General Conditions Exhibit.

7 NON-DISCRIMINATION IN EMPLOYEE BENEFITS

This Contract may be subject to Sacramento City Code chapter 3.54, Non-Discrimination in Employee Benefits by City Contractors. A summary of the requirements, entitled "Requirements of the Non-Discrimination in Employee Benefits Code (Equal Benefits Ordinance)", can be viewed at:

<https://www.cityofsacramento.org/Finance/Procurement/Contract-Ordinances>.

Contractor acknowledges and represents that Contractor has read and understands the requirements and shall fully comply with all applicable requirements of Sacramento City Code chapter 3.54. If requested by City, Contractor shall promptly provide any documents and information required by City to verify Contractor's compliance.

Contractor's violation of Sacramento City Code chapter 3.54 constitutes a material breach of this Contract, for which the City may terminate the Contract and pursue all available legal and equitable remedies.

8 LOCAL BUSINESS ENTERPRISE PROGRAM - LBE PARTICIPATION

The Local Business Enterprise Program Participation Requirements ("LBE Participation Requirements") are not applicable to this Contract.

9 AUTHORITY

The person signing this Contract for Contractor represents and warrants that he or she has read, understands, and agrees to all the Contract terms and is fully authorized to sign this Contract on behalf of the Contractor and to bind Contractor to the performance of the Contract's obligations.

TECHNICAL SPECIFICATIONS EXHIBIT

1 REPRESENTATIVES

The City Representative for this Contract is:

Stacy Larkin, Program Analyst
City of Sacramento
Utilities
5730 24th Street, Bldg. 22
Sacramento, CA 95822
Phone: 916-808-6356
Email: slarkin@cityofsacramento.org

The Contractor Representative for this Contract is:

Steven Wright, Outside Sales
Pace Supply Corporation
8400 24th Street
Sacramento, CA 95826
Phone: 916-343-9437
Email: swright@pacesupply.com

Unless otherwise provided in this Contract, all Contractor questions and correspondence pertaining to this Contract must be addressed to the City Representative. All City questions and correspondence must be referred to the Contractor Representative.

2 PROVISION OF GOODS

Contractor shall provide Goods to City as set forth in Attachment 1 to this Technical Specifications Exhibit.

3 QUANTITIES

The quantities stated in Attachment 1 to this Technical Specifications Exhibit or the Payment Exhibit are only estimates of the City's requirements. Contractor shall furnish Goods at the prices quoted, in accordance with the City's available funds and actual needs as they occur throughout the term of this Contract.

The City is not required to purchase all of the Goods listed, or to expend all available funding reflected in the Payment Exhibit.

4 TIME OF PERFORMANCE

The Goods described in this Contract shall be provided during an initial period beginning on October 01, 2019 and ending on September 30, 2020. The City may extend this Contract for up to two additional one-year terms, for a maximum three year term. Contractor shall provide the Goods in accordance with any schedule in Attachment 1 to this Technical Specifications Exhibit. Contractor shall immediately notify the City if Contractor is unable to make delivery of Goods in compliance with this Contract.

5 DELIVERY AND INSPECTION

A. Delivery: Unless otherwise stated by the City in writing, delivery of Goods shall be made to the City address set forth in this Technical Specifications Exhibit. All shipments are Free on Board (F.O.B.) destination with freight prepaid unless otherwise stated. Contractor assumes full responsibility for all transportation scheduling and costs, including costs for containers, packing, handling, and insurance. The City reserves the right to request and receive a copy of the freight bill of lading on all purchases shipped F.O.B. prepaid and added.

Time is of the essence in the delivery. If delivery cannot be made as specified in this Technical Specifications Exhibit or as otherwise stated by the City, Contractor shall notify the City immediately to request instructions on how to proceed and shall not make delivery before receipt of instructions. Periods of performance may be extended if, in the sole judgment of the City, the cause of delay justifies an extension.

B. Inspections: Goods will be inspected at the destination before acceptance by an authorized representative of the City for workmanship, appearance, proper functioning of all equipment and systems, and conformance to all other requirements of this Contract. The Goods shall be delivered to City free of any liens or encumbrances.

Notwithstanding the requirements for any City inspection and testing at the destination and except where specialized inspections or testing are specified for performance solely by the City, Contractor shall perform or have performed the inspections or tests required to substantiate that all Goods provided under the Contract conform to the drawings, specifications, and other Contract requirements, including, if applicable, the technical requirements for the manufacturer's part number(s) specified.

C. Deficiencies: If deficiencies in the Goods are discovered, Contractor shall correct and redeliver the Goods for re-inspection and acceptance. The period for payment and/or commencement of discount period (if applicable) does not begin until corrective action is complete. The cost of storing rejected Goods and the cost for shipping rejected Goods back to the Contractor or point of origin shall be paid by Contractor.

D. Inspection of Facilities: If requested by the City, Contractor shall provide the City with an inspection tour of Contractor's facilities where any Goods will be designed, manufactured, or assembled by Contractor.

6 TITLE / RISK OF LOSS

Title, ownership, and risk of loss or damage of the Goods remains with the Contractor until the Goods are delivered to, inspected, and accepted by the City, except when the loss or damage is due to the sole negligence of the City.

PAYMENT EXHIBIT

1 CONTRACTOR'S COMPENSATION

The total of all fees paid to the Contractor for the provision of Goods as set forth in the Technical Specifications Exhibit, including normal revisions, and for all authorized Reimbursable Expenses, shall not exceed the total sum of \$ 3,938,945.00. The payments specified in this Payment Exhibit shall be the only payments made to Contractor unless the City approves a Contract amendment.

2 PRICING

Contractor shall be paid as set forth in the Technical Specifications Exhibit or Attachment 1 to this Payment Exhibit and any applicable special provisions included in the request for bids or proposals ("Special Provisions"). If there is a conflict between the Technical Specifications Exhibit or Payment Exhibit and the Special Provisions, the Technical Specifications Exhibit or Payment Exhibit controls.

3 CONTRACTOR'S REIMBURSABLE EXPENSES

"Reimbursable Expenses" are limited to actual expenditures of Contractor for expenses that are necessary for the proper satisfaction of the Contract and are only payable if specifically authorized in advance in writing by City.

4 MISCELLANEOUS CHARGES

No additional charges will be allowed unless specified in the Contract, including charges for transportation, fuel, containers, packing, or disposal.

5 PRICE ADJUSTMENTS FOR GOODS

Unless otherwise stated, prices are maximum for the term of the Contract. Price adjustments, if allowed under this Contract, must be requested in writing and accompanied by the required information to substantiate the request for price adjustment, as set forth in the Contract. Any allowable request for price adjustment must be delivered to the City at least 30 days before the adjusted prices become effective. No price adjustment allowable under this Contract will be granted retroactively. The City must also be given the benefit of any decline in prices. If any price increase is granted by the City, the increase shall not be greater than 3% from the prior year.

6 PURCHASE ORDERS

Unless otherwise stated, a purchase order will be issued to the Contractor on behalf of the City. Purchase orders will cite the quantity of Goods or Services requested, the purchase amount, and time of performance. If the time of performance of this Contract extends beyond the close of the City's fiscal year, another purchase order may be issued. No purchase order supersedes any provision of this Contract. Contractor shall not deliver Goods or provide Services until Contractor receives a purchase order or other written notification by the City.

7 PAYMENTS TO CONTRACTOR

Contractor is responsible for supplying all documentation necessary to verify invoices to the City's satisfaction.

A. Payment terms are NET 30 days, unless the Contractor offers a prompt payment discount that was accepted by the City or as otherwise stated in this Contract. Any prompt payment discounts will be computed from the date of acceptance by the City, or from the date an invoice is received, whichever occurs later.

B. Invoices must be submitted to either of the addresses specified below.

(1) Email. Submit email invoices and any attachments to:

apinvoices@cityofsacramento.org

(2) Postal Mail. If emailing is not an option, mail to:

A/P Processing Center
City of Sacramento
915 I Street, Floor 4
Sacramento, CA 95814-2608

C. All invoices submitted by Contractor must contain the following information:

- (1) Job/Project Name (if applicable)
- (2) City's current Purchase Order Number
- (3) Contractor's Invoice Number
- (4) Date of Invoice Issuance
- (5) Work Order Number (if applicable)
- (6) City representative identified on the Purchase Order
- (7) Contractor's remit address
- (8) Itemized description of the items billed under Invoice
- (9) Itemized description of all authorized Reimbursable Expenses
- (10) Itemized description of all applicable taxes (sales, use, excise, etc.)
- (11) Amount of Invoice
- (12) Total Billed to Date under Contract (if applicable)

D. Items must be separated into Goods, Services, and Reimbursable Expenses. All applicable sales, use, excise, or similar taxes, including federal excise tax, must be itemized separately on the invoice. Invoices that do not conform to the format outlined

above will be returned to Contractor for correction. City is not responsible for delays in payment to Contractor resulting from Contractor's failure to comply with the invoice format described above.

E. For Goods only, a bill of lading number and weight of shipment will be shown for shipments on the Government Bill of Lading.

F. Unless otherwise specified in this Contract, partial payments will not be made by the City and payment will not be due until the completion of the Goods order. No payment precludes the City's right to inspect. Requests for payment status should be addressed to the City Representative for this Contract.

8 ADDITIONAL GOODS

Additional Goods shall be provided only when a Contract amendment authorizing the Additional Goods is approved in writing by the City in accordance with the City's contract amendment procedures. The City reserves the right to retain other Contractors to provide Additional Goods.

9 BILLING DISPUTES

The burden of proof shall be on the Contractor to establish the accuracy of its invoices. Upon presentation and verification of the information provided by Contractor, the City will review all records and make a final determination and present its finding to Contractor.

10 ACCOUNTING RECORDS OF CONTRACTOR

During performance of this Contract and for a period of three years after completion of performance, Contractor shall maintain all accounting and financial records related to this Contract, in accordance with generally accepted accounting practices, including records of Contractor's costs for performance under this Contract and records of Contractor's Reimbursable Expenses. Contractor shall keep and make records available for inspection and audit by representatives of the City upon reasonable written notice.

11 SALES TAX REQUIREMENTS

The City is not exempt from paying sales tax. Sales tax must be shown on the invoice as a separate line item.

12 USE TAX REQUIREMENTS

On out-of-state purchases, Contractor shall list its Use Tax Permit Number (if applicable) on the invoice, which authorizes Contractor to charge and collect California Sales Tax. The Purchase Order will include sales tax, if applicable to the purchase, regardless of whether an out-of-state Contractor collects California State sales tax or not. The City shall pay Use Tax directly to the California Department of Tax and Fee Administration ("CDTFA") if the out-of-state Contractor is not required to collect California Sales Tax. During the performance of this Contract, Contractor, for itself, its assignees and successors in interest, agrees as follows:

A. Use Tax Direct Payment Permit: For all leases and purchases of tangible personal property used to perform the Contract and shipped from outside California, Contractor and any subcontractor(s) leasing or purchasing such tangible personal property shall obtain a Use Tax Direct Payment Permit from the CDTFA in accordance with the applicable CDTFA criteria and requirements.

B. Sellers Permit: For any construction contract and any construction subcontract in the amount of \$5,000,000 or more, Contractor and the subcontractor(s) shall obtain sellers permits from the CDTFA and shall register the jobsite as the place of business for the purpose of allocating local sales and use tax to the City. Contractor and its subcontractors shall remit the self-accrued use tax to the CDTFA and shall provide a copy of each remittance to the City.

C. The above provisions apply in all instances unless prohibited by the funding source for the Contract.

13 EXCISE TAX REQUIREMENTS

The City of Sacramento is exempt from the payment of Federal Excise Tax. An exemption certificate will be submitted to Contractor upon request. If Federal Excise Tax is applicable to the transaction, it must be so stated and excluded from the price.

14 TAX PAYMENTS

Contractor shall pay, when and as due, any and all taxes incurred as a result of Contractor's compensation hereunder, including estimated taxes, and shall provide City with proof of the payment upon request. Contractor hereby agrees to indemnify City for any claims, losses, costs, fees, liabilities, damages, or injuries suffered by City arising out of Contractor's breach of this section.

INSURANCE REQUIREMENTS EXHIBIT

1 INSURANCE REQUIREMENTS

During the entire term of this Contract, Contractor shall maintain the insurance coverage described in this Insurance Exhibit.

Full compensation for all premiums that Contractor is required to pay for the insurance coverage described herein shall be included in the compensation specified under this Contract. No additional compensation will be provided for Contractor's insurance premiums. Any available insurance proceeds in excess of the specified minimum limits and coverages shall be available to the City.

Contractor's liability to the City is not in any way limited to or affected by the amount of insurance coverage required or carried by the Contractor in connection with this Contract.

2 GENERAL LIABILITY MINIMUM SCOPE AND LIMITS OF INSURANCE COVERAGE

Commercial General Liability Insurance is not required as Contractor has certified, by signing this Contract, that all items supplied under this Contract will be shipped via a common carrier as defined by the Interstate Commerce Commission. In addition, no term or condition of this Contract will require or compel any employees of the Contractor to be on City property for business reasons.

If Contractor transport items under this Contract or this Contract is amended to require any employees of Contractor to be on City property for business reasons, Contractor will maintain and provide evidence of Commercial General Liability insurance providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage, and personal injury, arising out of activities performed by or on behalf of the Contractor and subcontractors, products and completed operations of Contractor and subcontractors, and premises owned, leased, or used by Contractor and subcontractors, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide Contractual liability and products and completed operations coverage for the term of the policy.

The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of: activities performed by or on behalf of Contractor and subcontractors; products and completed operations of Contractor and subcontractors; and premises owned, leased, or used by Contractor and subcontractors.

3 AUTOMOBILE LIABILITY MINIMUM SCOPE AND LIMITS OF INSURANCE COVERAGE

Automobile Liability Insurance is required providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor.

The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

4 EXCESS INSURANCE

The minimum limits of insurance required above may be satisfied by a combination of primary and umbrella or excess insurance coverage, provided that any umbrella or excess insurance contains, or is endorsed to contain, a provision that it will apply on a primary basis for the benefit of the City, and any insurance or self-insurance maintained by City, its officials, employees, or volunteers will be in excess of Contractor's umbrella or excess coverage and will not contribute to it.

5 WORKERS' COMPENSATION MINIMUM SCOPE AND LIMITS OF INSURANCE COVERAGE

Workers' Compensation Insurance is required with statutory limits and Employers' Liability Insurance with limits of not less than one million dollars (\$1,000,000). A waiver of subrogation in favor of the City is not required as no work or services will be performed on or at City facilities or City property.

6 OTHER INSURANCE PROVISIONS

The policies must contain, or be endorsed to contain, the following provisions:

- a. Contractor's insurance coverage, including excess insurance, shall be primary insurance as respects the City, its officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officials, employees or volunteers will be in excess of Contractor's insurance and will not contribute with it.
- b. Any failure to comply with reporting provisions of the policies will not affect coverage provided to the City, its officials, employees or volunteers.
- c. Coverage shall state that Contractor's insurance applies separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- d. Contractor shall provide the City with 30 days written notice of cancellation or material change in the policy language or terms.

7 ACCEPTABILITY OF INSURANCE

Insurance must be placed with insurers with a Bests' rating of not less than A:VI. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Insurance Exhibit must be declared to and approved by the City in writing before execution of this Contract.

8 VERIFICATION OF COVERAGE

A. Contractor shall furnish City with certificates and required endorsements evidencing the insurance required. Certificates of insurance must be signed by an authorized representative of the insurance carrier. Copies of policies shall be delivered to the City Representative on demand. Contractor may redact the policies to remove business-confidential information but will not redact information necessary to demonstrate that the policies meet the City's minimum insurance requirements.

B. Contractor shall send all insurance certificates and endorsements, including policy renewals, during the term of this Contract directly to:

City of Sacramento c/o Exigis LLC
PO Box 4668 ECM- #35050
New York, NY 10168-4668

C. Certificate Holder must be listed as:

City of Sacramento c/o Exigis LLC

PO Box 4668 ECM- #35050
New York, NY 10168-4668

D. The City may withdraw its offer of Contract or cancel this Contract if the certificates of insurance and endorsements required have not been provided before execution of this Contract. The City may withhold payments to Contractor and/or cancel the Contract if the insurance is canceled or Contractor otherwise ceases to be insured as required herein.

9 SUBCONTRACTOR INSURANCE COVERAGE

Contractor shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in this Insurance Exhibit.

GENERAL CONDITIONS EXHIBIT

1 INDEPENDENT CONTRACTOR

A. It is understood and agreed that Contractor (including Contractor's employees) is an independent contractor and that no relationship of employer-employee exists between the parties hereto for any purpose whatsoever. Neither Contractor nor Contractor's assigned personnel will be entitled to any benefits payable to City employees. City is not required to make any deductions or withholdings from the compensation payable to Contractor under the provisions of this Contract, and Contractor will be issued a Form 1099 for its services hereunder. As an independent contractor, Contractor hereby agrees to indemnify and hold City harmless from any and all claims that may be made against City based upon any contention by any of Contractor's employees or by any third party, including any state or federal agency, that an employer-employee relationship or a substitute therefor exists for any purpose whatsoever by reason of this Contract or by reason of the nature and/or performance under this Contract.

B. It is further understood and agreed by the parties that Contractor, in the performance of its obligations, is subject to the City's control and direction as to the designation of tasks to be performed and the results to be accomplished under this Contract, but not as to the means, methods, or sequence used by Contractor for accomplishing the required results. To the extent that Contractor obtains permission to, and does, use City facilities, space, equipment or support services in the performance of this Contract, this use will be at the Contractor's sole discretion based on the Contractor's determination that the use will promote Contractor's efficiency and effectiveness. Except as may be specifically provided elsewhere in this Contract, the City does not require that Contractor use City facilities, equipment or support services or work in City locations in the performance of this Contract. As used in this Contract, "sole discretion" or "sole judgment" means that the party authorized to exercise its discretion or judgment may do so based on an unfettered assessment of its own interests, without considering how its decision affects the other party, and unconstrained by the implied covenant of good faith and fair dealing.

C. If, in the performance of this Contract, any third persons are employed by Contractor, such persons will be entirely and exclusively under the direction,

supervision, and control of Contractor. Except as otherwise provided in this Contract, all terms of employment, including hours, wages, working conditions, discipline, hiring, and discharging, or any other terms of employment or requirements of law, shall be determined by Contractor. It is further understood and agreed that Contractor will issue W-2 or 1099 forms for income and employment tax purposes for all Contractor's assigned personnel and subcontractors.

D. The provisions of this section survive any expiration or termination of this Contract. Nothing in this Contract creates an exclusive relationship between City and Contractor. Contractor may represent, perform services for, or be employed by any additional persons or companies so long as Contractor does not violate the provisions of the Conflicts of Interest section.

2 LICENSES AND PERMITS

Contractor represents and warrants that the Contractor has all licenses, permits, City Business Operations Tax Certificates, qualifications, and approvals of whatsoever nature that are legally required for the Contractor to practice its profession or fulfill the terms of this Contract and that the Contractor must, at its sole cost and expense, maintain licenses, permits, certificates, qualifications, and approvals at all times during the term of this Contract. Without limiting the generality of the foregoing, if the Contractor is an out-of-state corporation, the Contractor represents and warrants that it possesses a valid certificate to transact business in the State of California issued by the California Secretary of State in accordance with Section 2105 of the California Corporations Code.

3 HAZARDOUS SUBSTANCES

"Hazardous Substances" means any substance, material, waste, or other pollutant or contaminant that is or becomes designated, classified, or regulated as hazardous or toxic under any law, regulation, rule, order, decree, or other governmental requirement now in effect or later enacted. If Contractor is shipping Hazardous Substances, Contractor must supply a Safety Data Sheet ("SDS") with the first shipment of Hazardous Substances to each City location receiving the Hazardous Substances. If the content of a SDS is revised, Contractor must provide a revised SDS to each City location receiving Hazardous Substances.

4 CONTRACTOR NOT AGENT

Except as City may specify in writing, Contractor and Contractor's personnel have no authority, express or implied, to act on the City's behalf in any capacity whatsoever as an agent. Contractor and Contractor's personnel have no authority, express or implied, to bind City to any obligations whatsoever.

5 CONFLICTS OF INTEREST

Contractor covenants that neither it, nor any officer or principal of its firm, has or will acquire any interest, directly or indirectly, that would conflict in any manner with the City's interests or that would in any way hinder Contractor's performance under this Contract. Contractor further covenants that in the performance of this Contract, no

person having any such interest will be employed by it as an officer, employee, agent or subcontractor, without the City's written consent.

Contractor agrees to avoid conflicts of interest or the appearance of any conflicts of interest with the City's interests during the performance of this Contract. If Contractor is or employs a former officer or employee of the City, Contractor and any former City officer or employee shall comply with the provisions of Sacramento City Code section 2.16.090 pertaining to appearances before the City Council or any City department, board, commission, or committee.

6 NOTIFICATION OF MATERIAL CHANGES IN BUSINESS

Contractor agrees that if it experiences any material changes in its business, including a reorganization, refinancing, restructuring, leveraged buyout, bankruptcy, name change, or loss of key personnel, it will immediately notify the City of the changes. Contractor also agrees to immediately notify the City of any condition that may jeopardize the scheduled delivery or fulfillment of Contractor's obligations to the City under this Contract.

7 CONFIDENTIALITY OF CITY INFORMATION

During performance of this Contract, Contractor may gain access to and use City information regarding inventions, machinery, products, prices, apparatus, costs, discounts, future plans, business affairs, governmental affairs, processes, trade secrets, technical matters, systems, facilities, customer lists, product design, copyright, data, and other vital information (hereafter collectively referred to as "City Information") that are valuable, special and unique assets of the City.

Contractor agrees to protect all City Information and treat it as strictly confidential, and further agrees that Contractor will not at any time, either directly or indirectly, divulge, disclose or communicate in any manner any City Information to any third party without the City's prior written consent.

In addition, Contractor must comply with all City policies governing the use of the City network and technology systems, as set forth in applicable provisions of the City of Sacramento Administrative Policy Instructions #30. Any violation by Contractor of this section is a material violation of this Contract and justifies legal and equitable relief.

8 CONTRACTOR INFORMATION

A. City will have full ownership and control, including ownership of any copyrights, of all information prepared, produced, or provided by Contractor under this Contract. In this Contract, the term "information" means and includes: any and all work product, submittals, reports, plans, specifications, and other deliverables consisting of documents, writings, handwritings, typewriting, printing, photostating, photographing, computer models, and any other computerized data and every other means of recording any form of information, communications, or representation, including letters, works, pictures, drawings, sounds, or symbols, or any combination thereof. Contractor shall not be responsible for any unauthorized modification or use of such information for other than its intended purpose by City.

B. Contractor shall fully defend, indemnify and hold harmless City, its officers and employees, and each one of them, from and against any and all claims, actions, lawsuits or other proceedings alleging that all or any part of the information prepared, produced, or provided by Contractor under this Contract infringes upon any third party's trademark, trade name, copyright, patent or other intellectual property rights. City shall make reasonable efforts to notify Contractor not later than ten days after City is served with any such claim, action, lawsuit or other proceeding. However, City's failure to provide notice within the ten day period does not relieve Contractor of its obligations hereunder, which survive any termination or expiration of this Contract.

C. All proprietary and other information received from Contractor by City, whether received in connection with Contractor's proposal to City or in connection with performance by Contractor, will be disclosed upon receipt of a request for disclosure, in accordance with the California Public Records Act; provided, however, that, if any information is set apart and clearly marked "trade secret" when it is provided to City, City shall give notice to Contractor of any request for the disclosure of such information. The Contractor will then have five days from the date it receives notice to petition the court for a protective order to prevent the disclosure of the information. The Contractor shall have sole responsibility for defense of the actual "trade secret" designation of such information.

D. The parties understand and agree that any failure by Contractor to respond to the notice provided by City and seek a protective order, in accordance with the provisions of subsection C, above, constitutes a complete waiver by Contractor of any rights regarding the information designated "trade secret" by Contractor, and the information will be disclosed by City in accordance with the Public Records Act.

9 TIME

Time is of the essence in the performance of this Contract. Contractor shall devote the necessary time and effort to its performance under this Contract to satisfactorily and timely perform its obligations under this Contract. Neither party will be considered in default of this Contract, to the extent that party's performance is prevented or delayed by any cause, present or future, that is beyond the reasonable control of that party.

10 STANDARD OF PERFORMANCE

Contractor shall perform in the manner and according to the standards currently observed by a competent practitioner of Contractor's profession in California and in compliance with all requirements of this Contract. All products that Contractor delivers to City under this Contract must be prepared in a professional manner and conform to the standards of quality normally observed by a person currently practicing in Contractor's profession.

Contractor shall assign only competent personnel to perform on its behalf under this Contract. Contractor must notify the City in writing of any changes in Contractor's staff assigned to perform under this Contract, before any performance by the new staff member. If the City, in its sole discretion, determines that any person assigned by the Contractor to perform under this Contract is not performing in accordance with the

standards required herein, City shall provide notice to Contractor. Contractor shall immediately remove the assigned person upon receipt of the notice.

11 PERFORMANCE OR DIFFERENT TERMS AND CONDITIONS

The City's subsequent performance will not be construed as either acceptance of additional or different terms and conditions or a counteroffer by the Contractor, nor will the City's subsequent performance be viewed as acceptance of any provision of the Uniform Commercial Code, as adopted by any State, that is contrary to the terms and conditions contained herein. Contractor's performance shall conform to the applicable requirements of the Sacramento City Charter, Sacramento City Code, and all applicable State and Federal laws, and all the requirements of this Contract. The California Commercial Code will apply except as otherwise provided in the Contract.

12 EMERGENCY / DECLARED DISASTER REQUIREMENTS

If an emergency is declared by the City Manager, or if any portion of the City is declared a disaster area by the county, state or federal government, this Contract may be subjected to increased usage. The Contractor shall serve the City during a declared emergency or disaster, subject to the same terms and conditions that apply during non-emergency / non-disaster conditions. The pricing set forth in this Contract will apply, without mark-up, regardless of the circumstances. If the Contractor is unable to fulfill the terms of the Contract because of a disruption in its chain of supply or service, then the Contractor shall provide proof of the disruption. Acceptable forms of proof will include a letter or notice from the Contractor's source stating the reason for the disruption.

13 TERM; SUSPENSION; TERMINATION

A. This Contract is effective on the Effective date and continues in effect until both parties have fully performed their respective obligations under this Contract, unless sooner terminated as provided herein.

B. The City shall have the right at any time to suspend Contractor's performance hereunder, in whole or in part, by giving a written notice of suspension to Contractor. Upon receipt of such notice, Contractor shall immediately suspend its activities under this Contract, as specified in the notice.

C. The City shall have the right to terminate this Contract at any time by giving a written notice of termination to Contractor. Upon receipt of such notice, Contractor shall immediately cease performance under this Contract as specified in the notice. If the City terminates this Contract:

(1) Contractor shall, not later than five days after receipt of the notice, deliver all information prepared under this Contract to the City.

(2) The City shall pay Contractor the reasonable value of Goods or Services provided by Contractor before termination; provided, however, City shall not in any manner be liable for lost profits that might have been made by Contractor had the Contract not been terminated or had Contractor completed performance required by this Contract. Contractor shall furnish to the City any financial information requested by the City to determine the reasonable value

of the Goods or Services provided by Contractor. The foregoing is cumulative and does not affect any right or remedy that City may have in law or equity.

14 DEFAULT BY CONTRACTOR

In case of default by the Contractor, the City reserves the right to procure the Goods or Services from other sources and deduct from any monies due, or that may thereafter become due to the Contractor, the difference between the price named in this Contract and the actual cost to the City to procure from an alternate source. Prices paid by the City will be considered the prevailing market price at the time such purchase is made.

15 GUARANTEE AND WARRANTY

Contractor guarantees and warrants that all Goods will conform to applicable specifications, drawings, descriptions, and samples, and will be merchantable, of good workmanship and materials, and free from defect. Unless manufactured in accordance with detailed design specifications furnished by City, Contractor assumes design responsibility and warrants the articles to be free from design defect and suitable for the purposes intended by City. If it is determined by the City that the Goods do not meet the minimum requirements of this Contract, the Contractor shall correct the same at Contractor's sole expense.

A. The Contractor agrees that the Goods furnished under this Contract will be covered by the industry standard or better warranty.

B. Contractor further warrants that the Goods furnished under this Contract will be covered by the most favorable commercial warranties the Contractor gives to any customer for the Goods and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the City at law or equity, or by any other clause of this Contract.

C. Any additional warranties provided by law, including the warranty of merchantability and warranty of fitness for a particular purpose will remain in full force and effect and inure to the City's benefit. City reserves all rights and remedies provided by law for breach of any applicable warranty related to the Goods.

D. City's inspections, approval, acceptance, or payment for all or part of any Goods will in no way affect City's warranty rights.

16 INDEMNITY

A. Indemnity: Contractor shall defend, hold harmless, and indemnify City, its officers, and employees, and each and every one of them, from and against all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs, and expenses of every type and description, whether arising on or off the site of the work or services performed under this Contract, including any fees and costs reasonably incurred by City's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including Liabilities for personal injury or death, damage to personal, real, or intellectual property, damage to the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or

failure to perform this Contract by Contractor, any subcontractor (including lower-tier subcontractors) or agent of Contractor, their respective officers and employees, and anyone else for whose acts of omissions any of them may be liable, whether or not the Liabilities (i) are caused in part by a party indemnified hereunder, or (ii) are litigated, settled, or reduced to judgment; provided that the foregoing indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, damage, or expense, to the extent arising from the active negligence or willful misconduct of, or defects in design furnished by, City, its agents, servants, or independent contractors who are directly responsible to City, except when such agents, servants, or independent contractors are under the supervision and control of Contractor or any subcontractor (including lower-tier subcontractors) or agent of Contractor.

B. Insurance Policies; Intellectual Property Claims: The existence or acceptance by City of any of the insurance policies or coverages described in this Contract does not affect or limit any of City's rights under this section, nor do the limits of any insurance limit the liability of Contractor hereunder. This section will not apply to any intellectual property claims, actions, lawsuits or other proceedings subject to the provisions of the Contractor Information section above. The provisions of this section survive any expiration or termination of this Contract.

17 FUNDING AVAILABILITY

A. This Contract is subject to the budget and fiscal provisions of the Charter and the Sacramento City Code.

B. The City's payment obligation under this Contract will not exceed the amount of funds appropriated and approved for this Contract by the Sacramento City Council or its designee.

C. This section governs over any other contrary provision of the Contract.

18 EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this Contract, Contractor, for itself, its assignees and successors in interest, agrees as follows:

A. Compliance with Law and Regulations: Contractor shall comply with all state, local, and federal anti-discrimination laws and regulations, including the Executive Order 11246 entitled "Equal Opportunity in Federal Employment", as amended by Executive Order 11375, 12086, and 13672, and as supplemented in Department of Labor regulations (41 CFR Chapter 60), referred to collectively as the "Regulations".

B. Nondiscrimination: Contractor, with regards to the work performed by it after award and before completion of the work under this Contract, shall not discriminate on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap, or sexual orientation in selection and retention of subcontractors, including procurement of materials and leases of equipment. Contractor shall not participate either directly or indirectly in discrimination prohibited by the Regulations.

C. Solicitations for Subcontractors, Including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiations made by Contractor for work to be performed under any subcontract, including all procurement of materials or equipment, each potential subcontractor or supplier shall be notified by Contractor of Contractor's obligation under this Contract and the Regulations relative to nondiscrimination on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap, or sexual orientation.

D. Information and Reports: Contractor shall provide all information and reports required by the Regulations, or by any orders or instructions issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the City to be pertinent to ascertain compliance with the Regulations, orders and instructions. Where any information required of Contractor is in the exclusive possession of another who fails or refuses to furnish this information, Contractor shall so certify to the City, and shall set forth what efforts it has made to obtain the information.

E. Sanctions for Noncompliance: In the event of noncompliance by Contractor with the nondiscrimination provisions of this Contract, the City may impose any sanctions it determines to be appropriate including:

(1) Withholding of payments to Contractor under this Contract until Contractor complies;

(2) Cancellation, termination, or suspension of this Contract, in whole or in part.

F. Incorporation of Provisions: Contractor shall include the provisions of subsections A through E, above, in every subcontract, including procurement of materials and leases of equipment, unless exempted by the Regulations, or by any order or instructions issued pursuant thereto. The City may direct Contractor to take specific actions to enforce these provisions, including sanctions for noncompliance; provided, however, if Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier because of such direction, Contractor may request that the City join such litigation to protect the City's interests.

19 ENTIRE AGREEMENT

This Contract, including all Exhibits and documents referenced herein, contains the entire Contract between the parties and supersedes whatever oral or written understanding they may have had before the execution of this Contract. No alteration of the terms of this Contract will be valid unless approved in writing by the Contractor and the City in accordance with applicable provisions of the Sacramento City Code.

20 MODIFICATION OF CONTRACT

The City may order changes in the Goods required and the Contractor shall comply with such orders, except that if the changes increase or decrease the price or costs fixed in the Contract or affect the schedule, the order will not be valid unless the increase or decrease in cost or change in the schedule is agreed upon in writing by the parties, consistent with the Sacramento City Code.

21 SEVERABILITY

If a court with jurisdiction rules that any portion of this Contract or its application to any person or circumstance is invalid or unenforceable, the remainder of this Contract will not be affected thereby and will remain valid and enforceable as written, to the greatest extent permitted by law.

22 WAIVER

Neither the City's acceptance of, or payment for, any Goods, nor any waiver by either party of any default, breach, or condition precedent, will be construed as a waiver of any provision of this Contract, nor as a waiver of any other default, breach, or condition precedent or any other right hereunder. No waiver is effective unless it is in writing and signed by the waiving party.

23 GOVERNING LAW

This Contract shall be governed, construed, and enforced in accordance with the laws of the State of California, except that the rule of interpretation in California Civil Code section 1654 will not apply. Venue of any litigation arising out of this Contract will lie exclusively in the state trial court or Federal District Court located in Sacramento County in the State of California, and the parties consent to jurisdiction over their persons and over the subject matter of any litigation in such courts, and consent to service of process issued by such courts.

24 ASSIGNMENT PROHIBITED

The expertise and experience of Contractor are material considerations for this Contract. City has a strong interest in the qualifications and capability of the persons and entities who will fulfill the obligations imposed on Contractor under this Contract. In recognition of this interest, Contractor shall not assign any right or obligation under this Contract without the written consent of the City. Any attempted or purported assignment without City's written consent is void and of no effect.

25 BINDING EFFECT / ASSIGNMENT

This Contract is binding on the heirs, executors, administrators, successors and assigns of the parties, subject to the provisions of the Assignment Prohibited section.

26 COMPLIANCE WITH LAWS

The Contractor shall be responsible for strict compliance with all applicable laws, regulations, court orders and other legal requirements applicable to the work to be accomplished under the Contract, including the California Occupational Safety and Health Act and all applicable safety orders issued by the Division of Occupational Safety and Health, Department of Industrial Relations, State of California, and all applicable requirements of Underwriters Laboratories and the Federal Communication Commission.

SIGNATURES

The parties have signed this Contract, effective as of the day and year first stated above.

CONTRACTOR

Under penalty of perjury, I certify that the information provided here is correct.

Signature: Steven Wright
Steven Wright (Aug 27, 2019)

Title: Sales Rep

Additional Signature (if required):

Title:

CITY OF SACRAMENTO

A Municipal Corporation

APPROVED AS TO FORM:

Signature: Michael Voss
Michael Voss (Aug 28, 2019)

Title: Senior Deputy City Attorney

Reviewed By:

Signature:

Title:

Approved By:

Signature:

Title:

GROUP I - BRASS FITTINGS AND ACCESSORIES

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|-------|----------------|-------------------------|-----------|-----------|
| 1 | 50ea. | 265A | 1-1/2" X 1" CC BUSHING | \$ 4.14 | \$ 207.00 |
| | | Part # | Manufacturer | | |
| 2 | 50ea. | 265B | 2" X 1" CC BUSHING | \$ 8.37 | \$ 418.50 |
| | | Part # | Manufacturer | | |
| 3 | 50ea. | 265C | 2" X 1-1/2" CC BUSHING | \$ 7.79 | \$ 389.50 |
| | | Part # | Manufacturer | | |
| 4 | 20ea. | 265D | 1-1/4" X 1" CC BUSHING | \$ 3.24 | \$ 64.80 |
| | | Part # | Manufacturer | | |
| 5 | 50ea. | 266 | 1" X 3/4" IPT BUSHING | \$ 2.37 | \$ 118.50 |
| | | Part # | Manufacturer | | |
| 6 | 20ea. | 267 | 1-1/4" X 1" IPT BUSHING | \$ 4.03 | \$ 80.60 |
| | | Part # | Manufacturer | | |
| 7 | 50ea. | 268 | 1-1/2" X 1" IPT BUSHING | \$ 5.15 | \$ 257.50 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|-----------------------------------|-----------|------------|
| 8 | 50ea. | 269 | 2" X 1" IPT BUSHING | \$ 9.19 | \$ 459.50 |
| | | Part # | Manufacturer | | |
| 9 | 20ea. | 270 | 1-1/2" X 1-1/4" IPT BUSHING | \$ 5.15 | \$ 103.00 |
| | | Part # | Manufacturer | | |
| 10 | 20ea. | 271 | 2" X 1-1/2" IPT BUSHING | \$ 7.63 | \$ 152.60 |
| | | Part # | Manufacturer | | |
| 11 | 40ea. | 275 | 3/4" CC PLUG Mueller H10033N | \$ 15.33 | \$ 613.20 |
| | | Part # | Manufacturer | | |
| 12 | 40ea. | 276 | 1" CC PLUG Mueller H10033N | \$ 16.80 | \$ 672.00 |
| | | Part # | Manufacturer | | |
| 13 | 40ea. | 277 | 1-1/4" CC PLUG Mueller H10033N | \$ 27.15 | \$ 1086.00 |
| | | Part # | Manufacturer | | |
| 14 | 40ea. | 278 | 1-1/2" CC PLUG Mueller H10033N | \$ 28.80 | \$ 1152.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|-------------------------------|-----------|------------|
| 15 | 40ea. | 279 | 2" CC PLUG Mueller H10033N | \$ 34.05 | \$ 1362.00 |
| | | Part # | Manufacturer | | |
| 16 | 40ea. | 275A | 3/4" MIPT PLUG LF BRASS | \$ 1.71 | \$ 68.40 |
| | | Part # | Manufacturer | | |
| 17 | 40ea. | 276A | 1" MIPT PLUG LF BRASS | \$ 2.26 | \$ 90.40 |
| | | Part # | Manufacturer | | |
| 18 | 40ea. | 277A | 1-1/4" MIPT PLUG LF BRASS | \$ 3.36 | \$ 134.40 |
| | | Part # | Manufacturer | | |
| 19 | 40ea. | 278A | 1-1/2" MIPT PLUG LF BRASS | \$ 4.28 | \$ 171.20 |
| | | Part # | Manufacturer | | |
| 20 | 40ea. | 279A | 2" MIPT PLUG LF BRASS | \$ 6.75 | \$ 270.00 |
| | | Part # | Manufacturer | | |
| 21 | 40ea. | 283 | 3/4" CLOSE NIPPLE LF BRASS | \$ 1.34 | \$ 53.60 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|-----------------------------|-----------|-----------|
| 22 | 40ea. | 286 | 3/4" X 3" NIPPLE LF BRASS | \$ 2.26 | \$ 90.40 |
| | | Part # | Manufacturer | | |
| 23 | 40ea. | 286A | 3/4" X 6" NIPPLE LF BRASS | \$ 4.31 | \$ 172.40 |
| | | Part # | Manufacturer | | |
| 24 | 40ea. | 284 | 1" CLOSE NIPPLE LF BRASS | \$ 1.98 | \$ 79.20 |
| | | Part # | Manufacturer | | |
| 25 | 40ea. | 287 | 1" X 3" NIPPLE LF BRASS | \$ 3.28 | \$ 131.20 |
| | | Part # | Manufacturer | | |
| 26 | 40ea. | 287A | 1" X 6" NIPPLE LF BRASS | \$ 6.29 | \$ 251.60 |
| | | Part # | Manufacturer | | |
| 27 | 40ea. | 287B | 1" X 8" NIPPLE LF BRASS | \$ 8.39 | \$ 335.60 |
| | | Part # | Manufacturer | | |
| 28 | 40ea. | 288 | 1-1/4" X 3" NIPPLE LF BRASS | \$ 4.57 | \$ 182.80 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|--------|------------------------------|-------------|-----------|-----------|
| 29 | 40ea. | 291 | 1-1/4" X 4" NIPPLE LF BRASS | | | |
| | | Part # | Manufacturer | | \$ 6.01 | \$ 240.40 |
| 30 | 40ea. | 291A | 1-1/4" X 6" NIPPLE LF BRASS | | | |
| | | Part # | Manufacturer | | \$ 8.77 | \$ 350.80 |
| 31 | 40ea. | 284B | 1-1/2" CLOSE NIPPLE LF BRASS | | | |
| | | Part # | Manufacturer | | \$ 3.88 | \$ 155.20 |
| 32 | 40ea. | 285 | 1-1/2" X 2" NIPPLE LF BRASS | | | |
| | | Part # | Manufacturer | | \$ 4.18 | \$ 167.20 |
| 33 | 40ea. | 289 | 1-1/2" X 3" NIPPLE LF BRASS | | | |
| | | Part # | Manufacturer | | \$ 5.75 | \$ 230.00 |
| 34 | 40ea. | 292 | 1-1/2" X 4" NIPPLE LF BRASS | | | |
| | | Part # | Manufacturer | | \$ 7.50 | \$ 300.00 |
| 35 | 40ea. | 285D | 1-1/2" X 6" NIPPLE LF BRASS | | | |
| | | Part # | Manufacturer | | \$ 11.07 | \$ 442.80 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|-------|----------------|---------------------------------|-----------|-----------|
| 36 | 40ea. | 285B | 1-1/2" X 8" NIPPLE LF BRASS | \$ 14.70 | \$ 588.00 |
| | | Part # | Manufacturer | | |
| 37 | 40ea. | 289A | 2" CLOSE NIPPLE LF BRASS | \$ 5.91 | \$ 236.40 |
| | | Part # | Manufacturer | | |
| 38 | 40ea. | 290 | 2" X 3" NIPPLE LF BRASS | \$ 7.37 | \$ 294.80 |
| | | Part # | Manufacturer | | |
| 39 | 40ea. | 293 | 2" X 4" NIPPLE LF BRASS | \$ 9.64 | \$ 385.60 |
| | | Part # | Manufacturer | | |
| 40 | 40ea. | 293A | 2" X 6" NIPPLE LF BRASS | \$ 14.24 | \$ 569.60 |
| | | Part # | Manufacturer | | |
| 41 | 40ea. | 293B | 2" X 8" NIPPLE LF BRASS | \$ 18.99 | \$ 759.60 |
| | | Part # | Manufacturer | | |
| 42 | 40ea. | 297 | 1" X 3/4" REDUCER BELL LF BRASS | \$ 4.73 | \$ 189.20 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|-----------|
| 43 | 40ea. | 299 | 1-1/4" X 1" REDUCER BELL LF BRASS | \$ 7.63 | \$ 305.20 |
| | | Part # | Manufacturer | | |
| 44 | 40ea. | 300 | 1-1/2" X 1" REDUCER BELL LF BRASS | \$ 9.64 | \$ 385.60 |
| | | Part # | Manufacturer | | |
| 45 | 40ea. | 301 | 2" X 1" REDUCER BELL LF BRASS | \$ 16.15 | \$ 646.00 |
| | | Part # | Manufacturer | | |
| 46 | 40ea. | 302 | 2" X 1-1/2" REDUCER BELL LF BRASS | \$ 14.33 | \$ 573.20 |
| | | Part # | Manufacturer | | |
| 47 | 40ea. | 303 | 3/4" COUPLING 90 DEGREE FIPT LF BRASS | \$ 2.92 | \$ 116.80 |
| | | Part # | Manufacturer | | |
| 48 | 40ea. | 303A | 1" COUPLING 90 DEGREE FIPT LF BRASS | \$ 4.51 | \$ 180.40 |
| | | Part # | Manufacturer | | |
| 49 | 40ea. | 303B | 1-1/2" COUPLING 90 DEGREE FIPT LF BRASS | \$ 12.46 | \$ 498.40 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-----------------|--|-----------|-----------|
| 50 | 40ea. | 303D | 2" COUPLING 90 DEGREE FIPT LF BRASS | \$ 14.58 | \$ 583.20 |
| | | <u>Part #</u> | <u>Manufacturer</u> | | |
| 51 | 40ea. | 332A | 1' TEE FIPT LF BRASS | \$ 6.38 | \$ 255.20 |
| | | <u>Part #</u> | <u>Manufacturer</u> | | |
| 52 | 40ea. | 332C | 1-1/2' TEE FIPT LF BRASS | 12.32 | \$ 492.80 |
| | | <u>Part #</u> | <u>Manufacturer</u> | | |
| 53 | 40ea. | 332B | 2" TEE FIPT LF BRASS | \$ 20.19 | \$ 807.60 |
| | | <u>Part #</u> | <u>Manufacturer</u> | | |
| 54 | 100ea. | 280A | 1" COUPLING FIPT LF BRASS | \$ 3.59 | \$ 359.00 |
| | | <u>Part #</u> | <u>Manufacturer</u> | | |
| 55 | 25ea. | 79275 | PPS ADPT, BZ, 1 1/2" X 1 1/2", P X M (N) | \$ 19.87 | \$ 496.75 |
| | | <u>PPRMA112</u> | <u>VIEGA</u> | | |
| | | <u>Part #</u> | <u>Manufacturer</u> | | |
| 56 | 25ea. | 79245 | PPS ADPT, BZ, 1" X 1", P X M (N) | \$ 6.61 | \$ 165.25 |
| | | <u>PPRMA1</u> | <u>VIEGA</u> | | |
| | | <u>Part #</u> | <u>Manufacturer</u> | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|---------------|-------------------------------------|-----------|------------|
| 57 | 25ea. | 79290 | PPS ADPT, BZ, 2" X 2", P X M (N) | | |
| | | <u>PPRMA2</u> | <u>VIEGA</u> | \$ 38.23 | \$ 955.75 |
| | | Part # | Manufacturer | | |
| 58 | 25ea. | 79330 | PPS ADPT, BZ, 1" X 1", P X F (N) | | |
| | | <u>PPRFA1</u> | <u>VIEGA</u> | \$ 7.34 | \$ 183.50 |
| | | Part # | Manufacturer | | |
| 59 | 50ea. | 79370 | PPS ADPT, BZ, 2" X 2", P X F (N) | | |
| | | <u>PPRFA2</u> | <u>VIEGA</u> | \$ 39.30 | \$ 1965.00 |
| | | Part # | Manufacturer | | |
| 60 | 10ea. | 20733 | PPS XL-C CPL, W/STOP, CU, 3", P X P | | |
| | | <u>PPRC3</u> | <u>VIEGA</u> | \$ 53.29 | \$ 532.90 |
| | | Part # | Manufacturer | | |
| 61 | 10ea. | 20738 | PPS XL-C CPL, W/STOP, CU, 4", P X P | | |
| | | <u>PPRC4</u> | <u>VIEGA</u> | \$ 75.41 | \$ 754.10 |
| | | Part # | Manufacturer | | |
| 62 | 25ea. | 78057 | PPS CPL-W/STOP, CU, 1", P X P | | |
| | | <u>PPRC1</u> | <u>VIEGA</u> | \$ 4.58 | \$ 114.50 |
| | | Part # | Manufacturer | | |
| 63 | 25ea. | 78072 | PPS CPL-W/STOP, CU, 2", P X P | | |
| | | <u>PPRC2</u> | <u>VIEGA</u> | \$ 13.75 | \$ 343.75 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|------------------------------------|-----------|------------|
| 64 | 10ea. | 20628 | PPS XL-C, 90°, CU, 3", P X P | | |
| | | PPR93 | VIEGA | \$ 105.69 | \$ 1056.90 |
| | | Part # | Manufacturer | | |
| 65 | 10ea. | 20663 | PPS XL-C, 45°, CU, 4", P X P | | |
| | | PPR44 | VIEGA | \$ 112.22 | \$ 1122.00 |
| | | Part # | Manufacturer | | |
| 66 | 10ea. | 20633 | PPS XL-C, 90°, CU, 4", P X P | | |
| | | PPR94 | VIEGA | \$ 130.76 | \$ 1307.00 |
| | | Part # | Manufacturer | | |
| 67 | 25ea. | 77027 | PPS - 90°, CU, 1", P X P | | |
| | | PP291 | VIEGA | \$ 5.40 | \$ 135.00 |
| | | Part # | Manufacturer | | |
| 68 | 25ea. | 77037 | PPS - 90°, CU, 1½", P X P | | |
| | | PPR9112 | VIEGA | \$ 20.58 | \$ 514.50 |
| | | Part # | Manufacturer | | |
| 69 | 25ea. | 77042 | PPS - 90°, CU, 2", P X P | | |
| | | PPR92 | VIEGA | \$ 28.91 | \$ 722.75 |
| | | Part # | Manufacturer | | |
| 70 | 10ea. | 20858 | PPS XL-C ADPT FLG, CU, 3", FLG X P | | |
| | | PPRFLG3 | VIEGA | \$ 155.73 | \$ 1557.30 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|--------------------------------------|-------|---------------------------|--|-----------|-------------|
| 71 | 10ea. | 20863 | PPS XL-C ADPT FLG, CU, 4", FLG X P | | |
| | | <u>PPRELG4</u> Part # | <u>VIEGA</u> Manufacturer | \$ 174.22 | \$ 1742.20 |
| 72 | 25ea. | 79365 | PPS ADPT, BZ 1 1/2" X 1 1/2" P X F (N) | | |
| | | <u>PPRFA112</u> Part # | <u>VIEGA</u> Manufacturer | \$ 23.60 | \$ 590.00 |
| GROUP I Subtotal (Items 1-72) | | | | | \$ 33540.05 |

GROUP II - Corp, Curb Stops

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|------|--------|--|-----------|------------|
| 1 | 40ea | 147 | | 3/4" Valve Corp Stop MIPT X MIPT Mueller B20013N | \$ 32.95 | \$ 1318.00 |
| | | | Part # | Manufacturer | | |
| 2 | 40ea | 148 | | 1" Valve Corp Stop MIPT X MIPT Mueller B20013N | \$ 43.68 | \$ 1747.20 |
| | | | Part # | Manufacturer | | |
| 3 | 40ea | 150 | | 1-1/2" Valve Corp Stop MIPT X MIPT Mueller B20013N | \$ 103.29 | \$ 4131.60 |
| | | | Part # | Manufacturer | | |
| 4 | 40ea | 151 | | 2" Valve Corp Stop MIPT X MIPT Mueller B20013N | \$ 176.00 | \$ 7040.00 |
| | | | Part # | Manufacturer | | |
| 5 | 20ea. | 132 | | 3/4" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X FIPT Mueller B20200N | \$ 42.28 | \$ 845.60 |
| | | | Part # | Manufacturer | | |
| 6 | 20ea. | 134 | | 1" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X FIPT Mueller B20200N | \$ 64.80 | \$ 1296.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--|-----------|------------|
| 7 | 20ea. | 135 | 1-1/4" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X FIPT Mueller B20200N | \$ 104.50 | \$ 2090.00 |
| | | Part # | Manufacturer | | |
| 8 | 20ea. | 136 | 1-1/2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X FIPT Mueller B20200N | \$ 130.95 | \$ 2619.00 |
| | | Part # | Manufacturer | | |
| 9 | 20ea. | 137 | 2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X FIPT Mueller B20200N | \$ 190.75 | \$ 3815.00 |
| | | Part # | Manufacturer | | |
| 10 | 40ea. | 133 | 3/4" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X COMP Mueller B25170N | \$ 47.55 | \$ 1902.00 |
| | | Part # | Manufacturer | | |
| 11 | 40ea. | 139 | 1" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X COMP Mueller B25170N | \$ 72.15 | \$ 2886.00 |
| | | Part # | Manufacturer | | |
| 12 | 40ea. | | 1-1/4" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X COMP Mueller B25170N | \$ 115.40 | \$ 4616.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|-------------|
| 13 | 40ea. | 127A | 1-1/2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X COMP Mueller B25170N | \$ 155.20 | \$ 6208.00 |
| | | Part # | Manufacturer | | |
| 14 | 40ea. | 128A | 2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X COMP Mueller B25170N | \$ 215.00 | \$ 8600.00 |
| | | Part # | Manufacturer | | |
| 15 | 50ea. | 140 | 3/4" Valve Corp Stop CC X Comp H15008N Mueller | \$ 25.81 | \$ 1290.50 |
| | | Part # | Manufacturer | | |
| 16 | 500ea. | 141A | 1" Valve Corp Stop CC X Comp H15008N Mueller | \$ 39.00 | \$ 19500.00 |
| | | Part # | Manufacturer | | |
| 17 | 25ea. | 142 | 1-1/4" Valve Corp Stop CC X Comp H15008N Mueller | \$ 107.50 | \$ 2687.50 |
| | | Part # | Manufacturer | | |
| 18 | 100ea. | 143A | 1-1/2" Valve Corp Stop CC X Comp H15008N Mueller | \$ 112.55 | \$ 11255.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|-------------|
| 19 | 150ea. | 144A | 2" Valve Corp Stop CC X Comp H15008N Mueller | \$ 186.00 | \$ 27900.00 |
| | | Part # | Manufacturer | | |
| 20 | 40ea | 129 | 3/4" Valve Curb Angle Stop, Solid Tee Head w/ Lockwing, COMP X FIPT Mueller B24274N | \$ 55.50 | \$ 2220.00 |
| | | Part # | Manufacturer | | |
| 21 | 40ea | 130 | 1" Valve Curb Angle Stop, Solid Tee Head w/ Lockwing, COMP X FIPT Mueller B24274N | \$ 82.20 | \$ 3280.00 |
| | | Part # | Manufacturer | | |
| 22 | 40ea | 633 | 1" Valve Curb Angle Stop, Solid Tee Head w/ Lockwing, MCN X Flare Mueller H14255N | \$ 40.15 | \$ 1606.00 |
| | | Part # | Manufacturer | | |
| 23 | 40ea | 640F | 1" Valve Curb Angle Stop, Solid Tee Head w/ Lockwing, MCN X COMP Mueller H14258N | \$ 43.00 | \$ 1720.00 |
| | | Part # | Manufacturer | | |
| 24 | 40ea | 648 | 1-1/2" Valve Curb Angle Stop, Solid Tee Head w/ Lockwing, FLG X COMP Mueller H14277N | \$ 149.00 | \$ 5960.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|------|-------------|--|-----------|------------|
| 25 | 40ea | 649 | 2" Valve Curb Angle Stop, Solid Tee Head w/ Lockwing, FLG X COMP Mueller H14277N | \$ 191.00 | \$ 7640.00 |
| | | Part # | Manufacturer | | |
| 26 | 40ea | | 2" Valve Corp Stop CC X FIPT Mueller B20045N | \$ 176.00 | \$ 7040.00 |
| | | Part # | Manufacturer | | |
| 27 | 40ea | 151A | 2" Valve Corp Stop MIPT X FIPT Mueller B20046N | \$ 176.00 | \$ 7040.00 |
| | | Part # | Manufacturer | | |
| 28 | 40ea | 629 | 1-1/2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FLG X COMP Mueller B24335N | \$ 143.90 | \$ 5756.00 |
| | | Part # | Manufacturer | | |
| 29 | 40ea | 629A | 2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FLG X COMP Mueller B24335N | \$ 243.75 | \$ 9750.00 |
| | | Part # | Manufacturer | | |
| 30 | 40ea | 630 | 1-1/2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FLG X FIPT Mueller B24337N | \$ 135.90 | \$ 5436.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|--------------------------------|-------|-------------|---|-----------|--------------|
| 31 | 40ea. | 630A | 2" Valve Curb Stop, Solid Tee Head w/ Lockwing, FLG X FIPT Mueller B24337N | \$ 216.70 | \$ 8668.00 |
| | | Part # | Manufacturer | | |
| 32 | 40ea. | 133A | 3/4" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X Flare Mueller B25166N | \$ 49.69 | \$ 1987.60 |
| | | Part # | Manufacturer | | |
| 33 | 40ea. | 138 | 1" Valve Curb Stop, Solid Tee Head w/ Lockwing, FIPT X Flare Mueller B25166N | \$ 69.50 | \$ 2780.00 |
| | | Part # | Manufacturer | | |
| 34 | 40ea. | | 1" Valve Curb Angle Stop, Solid Tee Head w/ Lockwing, MCN X FIP Mueller B24265N | \$ 82.15 | \$ 3286.00 |
| | | Part # | Manufacturer | | |
| Group II Subtotal (Items 1-34) | | | | | \$ 185917.00 |

GROUP III - SADDLES

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|------------|
| 1 | 40ea. | 166 | 4" X 1"CC SADDLE CI/AC Ford 202B-540-CC4, McDonald 3825 4X1 | \$ 69.38 | \$ 2775.20 |
| | | Part # | Manufacturer | | |
| 2 | 40ea. | 166C | 4" X 1"CC SADDLE C-900 Ford 202BS-480-CC4, McDonald 3845 4X1 | \$ 81.95 | \$ 3278.00 |
| | | Part # | Manufacturer | | |
| 3 | 10ea. | 168 | 4" X 1-1/2"CC SADDLE CI/AC Ford 202B-540-CC6, McDonald 3825 4X1-1/2 | \$ 80.90 | \$ 809.00 |
| | | Part # | Manufacturer | | |
| 4 | 10ea. | 168C | 4" X 1-1/2"CC SADDLE C-900 Ford 202BS-480-CC6, McDonald 3845 4X1-1/2 | \$ 95.58 | \$ 955.80 |
| | | Part # | Manufacturer | | |
| 5 | 10ea. | 169 | 4" X 2"CC SADDLE CI/AC Ford 202B-540-CC7, McDonald 3825 4X2 | \$ 88.10 | \$ 881.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|------------|
| 6 | 10ea. | 169C | 4" X 2"CC SADDLE C-900 Ford 202BS-480-CC7, McDonald 3845 4X2 | \$ 98.84 | \$ 988.40 |
| | | Part # | Manufacturer | | |
| 7 | 100ea. | 170 | 6" X 1"CC SADDLE CI/AC Ford 202B-750-CC4, McDonald 3825 6X1 | \$ 81.74 | \$ 8174.00 |
| | | Part # | Manufacturer | | |
| 8 | 40ea. | 170C | 6" X 1"CC SADDLE C-900 Ford 202BS-690-CC4, McDonald 3845 6X1 | \$ 96.52 | \$ 3860.80 |
| | | Part # | Manufacturer | | |
| 9 | 10ea. | 175 | 6" X 1-1/2"CC SADDLE CI/AC Ford 202B-750-CC6, McDonald 3825 6X1-1/2 | \$ 93.44 | \$ 934.40 |
| | | Part # | Manufacturer | | |
| 10 | 10ea. | 175C | 6" X 1-1/2"CC SADDLE C-900 Ford 202BS-690-CC6, McDonald 3845 6X1-1/2 | \$ 110.00 | \$ 1100.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|--|-----------|-------------|
| 11 | 10ea. | 176 | 6" X 2"CC SADDLE CI/AC Ford 202B-750-CC7, McDonald 3825 6X2 | \$ 102.67 | \$ 1026.70 |
| | | Part # | Manufacturer | | |
| 12 | 10ea. | 176C | 6" X 2"CC SADDLE C-900 Ford 202BS-690-CC7, McDonald 3845 6X2 | \$ 115.20 | \$ 1152.00 |
| | | Part # | Manufacturer | | |
| 13 | 100ea. | 178 | 8" X 1"CC SADDLE CI/AC Ford 202B-962-CC4, McDonald 3825 10X1 | \$ 101.00 | \$ 10100.00 |
| | | Part # | Manufacturer | | |
| 14 | 40ea. | 178C | 8" X 1"CC SADDLE C-900 Ford 202BS-905-CC4, McDonald 3845 8X1 | \$ 119.50 | \$ 4780.00 |
| | | Part # | Manufacturer | | |
| 15 | 10ea. | 180 | 8" X 1-1/2"CC SADDLE CI/AC Ford 202B-962-CC6, McDonald 3825 8X1-1/2 | \$ 106.50 | \$ 1065.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|------------|
| 16 | 10ea. | 180C | 8" X 1-1/2"CC SADDLE C-900 Ford 202BS-905-CC6, McDonald 3845 8X1-1/2 | \$ 125.75 | \$ 1257.50 |
| | | Part # | Manufacturer | | |
| 17 | 10ea. | 181 | 8" X 2"CC SADDLE CI/AC Ford 202B-962-CC7, McDonald 3825 8X2 | \$ 115.90 | \$ 1159.00 |
| | | Part # | Manufacturer | | |
| 18 | 10ea. | 181C | 8" X 2"CC SADDLE C-900 Ford 202BS-905-CC7, McDonald 3845 8X2 | \$ 130.00 | \$ 1300.00 |
| | | Part # | Manufacturer | | |
| 19 | 20ea. | 182 | 10" X 1"CC SADDLE CI/AC Ford 202B-1212-CC4, McDonald 3825 10X1 | \$ 125.00 | \$ 2500.00 |
| | | Part # | Manufacturer | | |
| 20 | 20ea. | 182C | 10" X 1"CC SADDLE C-900 * Ford 202BS-1110-CC4, McDonald 3845 10X1 | \$ 148.00 | \$ 2960.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|-------|----------------|--|-----------|------------|
| 21 | 10ea. | 183 | 10" X 1-1/2"CC SADDLE CI/AC Ford 202B-1212-CC6, McDonald 3825 10X1-1/2 | \$ 137.60 | \$ 1376.00 |
| | | Part # | Manufacturer | | |
| 22 | 10ea. | 183C | 10" X 1-1/2"CC SADDLE C-900 Ford 202BS-1110-CC6, McDonald 3845 10X1-1/2 | \$ 162.50 | \$ 1625.00 |
| | | Part # | Manufacturer | | |
| 23 | 20ea. | 185 | 10" X 2"CC SADDLE CI/AC Ford 202B-1212-CC7, McDonald 3825 10X2 | \$ 147.80 | \$ 2956.00 |
| | | Part # | Manufacturer | | |
| 24 | 20ea. | 185C | 10" X 2"CC SADDLE C-900 Ford 202BS-1110-CC7, McDonald 3845 10X2 | \$ 165.80 | \$ 3316.00 |
| | | Part # | Manufacturer | | |
| 25 | 20ea. | 186 | 12" X 1"CC SADDLE CI/AC * Ford 202B-1438-CC4, McDonald 3825 12X1 | \$ 164.55 | \$ 3291.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|---------------------------------|-------|-------------|--|-----------|-------------|
| 26 | 20ea. | 186C | 12" X 1"CC SADDLE C-900 Ford 202BS-1320-CC4, McDonald 3845 12X1 | \$ 164.55 | \$ 3291.00 |
| | | Part # | Manufacturer | | |
| 27 | 10ea. | 187 | 12" X 1-1/2"CC SADDLE CI/AC Ford 202B-1438-CC6, McDonald 3825 12X1-1/2 | \$ 165.40 | \$ 1654.00 |
| | | Part # | Manufacturer | | |
| 28 | 10ea. | 187C | 12" X 1-1/2"CC SADDLE C-900 Ford 202BS-1320-CC6, McDonald 3845 12X1-1/2 | \$ 185.50 | \$ 1855.00 |
| | | Part # | Manufacturer | | |
| 29 | 20ea. | 188 | 12" X 2"CC SADDLE CI/AC Ford 202B-1438-CC7, McDonald 3825 12X2 | \$ 168.30 | \$ 3366.00 |
| | | Part # | Manufacturer | | |
| 30 | 20ea. | 188C | 12" X 2"CC SADDLE C-900 Ford 202BS-1320-CC7, McDonald 3845 12X2 | \$ 189.00 | \$ 3780.00 |
| | | Part # | Manufacturer | | |
| Group III Subtotal (Items 1-30) | | | | \$ | \$ 77566.80 |

GROUP IV - FULL CIRCLE CLAMPS AND OUTLET CLAMPS

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|------------|
| 1 | 4ea. | 189 | 3" x 7-1/2" x 1"CC Full Circle Outlet Clamp 3.73-4.00" Ford FS1-400-75-CC4 | \$ 65.80 | \$ 263.20 |
| | | Part # | Manufacturer | | |
| 2 | 6ea. | 190 | 4" x 7-1/2" x 1"CC Full Circle Outlet Clamp 4.74-5.14" Ford FS1-541-75-CC4 | \$ 67.95 | \$ 407.70 |
| | | Part # | Manufacturer | | |
| 3 | 6ea. | 192A | 4" x 12-1/2" x 2"CC Full Circle Outlet Clamp 4.74-5.14" Ford FS1-514-125-CC7 | \$ 108.80 | \$ 652.80 |
| | | Part # | Manufacturer | | |
| 4 | 100ea. | 193A | 6" x 7-1/2" x 1"CC Full Circle Outlet Clamp 6.84-7.24" Ford FS1-724-75-CC4 | \$ 76.85 | \$ 7685.00 |
| | | Part # | Manufacturer | | |
| 5 | 6ea. | 193AB | 6" x 7-1/2" x 1"CC Full Circle Outlet Clamp 5.95-6.35" Ford FS1-635-75-CC4 | \$ 76.85 | \$ 461.10 |
| | | Part # | Manufacturer | | |
| 6 | 6ea. | 193B | 6" x 7-1/2" x 1"CC Full Circle Outlet Clamp 6.56-6.96" Ford FS1-696-75-CC4 | \$ 76.85 | \$ 461.10 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|------|-------------|---|-----------|-----------|
| 7 | 6ea. | 193C | 6" x 7-1/2" x 1"CC Full Circle Outlet Clamp 7.05-7.45" Ford FS1-745-75-CC4 | \$ 76.85 | \$ 461.10 |
| | | Part # | Manufacturer | | |
| 8 | 6ea. | 193D | 6" X 12-1/2" x 1"CC Full Circle Outlet Clamp 6.84-7.24" Ford FS1-724-125-CC4 | \$ 108.30 | \$ 649.80 |
| | | Part # | Manufacturer | | |
| 9 | 6ea. | 194A | 6" x 7-1/2" x 1-1/2"CC Full Circle Outlet Clamp 6.84-7.24" Ford FS1-724-75-CC6 | \$ 83.90 | \$ 503.40 |
| | | Part # | Manufacturer | | |
| 10 | 6ea. | 194AB | 6" x 7-1/2" x 1-1/2"CC Full Circle Outlet Clamp 5.95-6.35" Ford FS1-635-75-CC6 | \$ 83.90 | \$ 503.40 |
| | | Part # | Manufacturer | | |
| 11 | 6ea. | 194B | 6" x 12-1/2" x 1-1/2"CC Full Circle Outlet Clamp 6.84-7.24" Ford FS1-724-125-CC6 | \$ 115.40 | \$ 692.40 |
| | | Part # | Manufacturer | | |
| 12 | 6ea. | 195 | 6" x 7-1/2" x 2"CC Full Circle Outlet Clamp 6.84-7.24" Ford FS1-724-75-CC7 | \$ 91.45 | \$ 548.70 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|------------|
| 13 | 6ea. | 195A | 6" x 12-1/2" x 2"CC Full Circle Outlet Clamp 6.84-7.24" Ford FS1-724-125-CC7 | \$ 122.90 | \$ 737.40 |
| | | Part # | Manufacturer | | |
| 14 | 6ea. | 196 | 8" x 7-1/2" x 1"CC Full Circle Outlet Clamp 9.27-9.67" Ford FS1-967-75-CC4 | \$ 85.90 | \$ 515.40 |
| | | Part # | Manufacturer | | |
| 15 | 6ea. | 196A | 8" x 7-1/2" x 1-1/2"CC Full Circle Outlet Clamp 9.27-9.67" Ford FS1-967-75-CC6 | \$ 93.00 | \$ 558.00 |
| | | Part # | Manufacturer | | |
| 16 | 6ea. | 196B | 8" x 7-1/2" x 2"CC Full Circle Outlet Clamp 9.27-9.67" Ford FS1-967-75-CC7 | \$ 100.50 | \$ 603.00 |
| | | Part # | Manufacturer | | |
| 17 | 100ea. | 197 | 8" x 7-1/2" x 1"CC Full Circle Outlet Clamp 8.99-9.39" Ford FS1-939-75-CC4 | \$ 85.90 | \$ 8590.00 |
| | | Part # | Manufacturer | | |
| 18 | 20ea. | 197B | 8" x 12-1/2" x 1"CC Full Circle Outlet Clamp 8.99-9.79" Ford FS2-979-125-CC4 | \$ 152.45 | \$ 3049.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|------------|
| 19 | 40ea. | 197C | 8" x 7-1/2" x 1"CC Full Circle Outlet Clamp 8.99-9.79" Ford FS2-979-75-CC4 | \$ 112.00 | \$ 4480.00 |
| | | Part # | Manufacturer | | |
| 20 | 20ea. | 197D | 8" x 12-1/2" x 2"CC Full Circle Outlet Clamp 8.99-9.79" Ford FS2-979-125-CC7 | \$ 167.00 | \$ 3340.00 |
| | | Part # | Manufacturer | | |
| 21 | 6ea. | 198C | 8" x 7-1/2" x 2"CC Full Circle Outlet Clamp 8.99-9.39" Ford FS1-939-75-CC7 | \$ 100.50 | \$ 603.00 |
| | | Part # | Manufacturer | | |
| 22 | 12ea. | 199 | 8" x 12-1/2" x 2"CC Full Circle Outlet Clamp 8.99-9.39" Ford FS1-939-125-CC7 | \$ 137.70 | \$ 1652.40 |
| | | Part # | Manufacturer | | |
| 23 | 6ea. | 199C | 8" x 15-1/2" x 2"CC Full Circle Outlet Clamp 8.99-9.39" Ford FS1-939-15-CC7 | \$ 151.80 | \$ 910.80 |
| | | Part # | Manufacturer | | |
| 24 | 6ea. | 399 | 3" x 7-1/2" Full Circle Clamp 3.46-3.70" Ford FS1-370-75 | \$ 41.50 | \$ 249.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|------|-------------|---|-----------|-----------|
| 25 | 6ea. | 399A | 4" x 6" Full Circle Clamp 4.45-4.85" FS1-0480-6 | \$ 37.85 | \$ 227.10 |
| | | Part # | Manufacturer | | |
| 26 | 6ea. | 399B | 4" x 7-1/2" Full Circle Clamp 4.45-4.85" Ford FS1-480-75 | \$ 43.65 | \$ 261.90 |
| | | Part # | Manufacturer | | |
| 27 | 6ea. | 399C | 4" x 7-1/2" Full Circle Clamp 3.96-4.25" Ford FS1-425-75 | \$ 41.50 | \$ 249.00 |
| | | Part # | Manufacturer | | |
| 28 | 6ea. | 400 | 4" x 7-1/2" Full Circle Clamp 4.74-5.14" Ford FS1-514-75 | \$ 43.65 | \$ 261.90 |
| | | Part # | Manufacturer | | |
| 29 | 6ea. | 401 | 4" x 12-1/2" Full Circle Clamp 4.74-5.14" Ford FS1-514-125 | \$ 69.85 | \$ 419.10 |
| | | Part # | Manufacturer | | |
| 30 | 6ea. | 401A | 4" x 12-1/2" Full Circle Clamp 3.96-4.25" Ford FS1-425-125 | \$ 60.00 | \$ 240.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | CITY | QTY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|------|--------|--------|---|-----------|------------|
| 31 | | 6ea. | 402 | 4" x 15" Full Circle Clamp 4.74-5.14" Ford FS1-514-15 | \$ 76.00 | \$ 456.00 |
| | | | Part # | Manufacturer | | |
| 32 | | 6ea. | 402A | 4" x 15" Full Circle Clamp 3.96-4.25" Ford FS1-425-15 | \$ 73.55 | \$ 441.30 |
| | | | Part # | Manufacturer | | |
| 33 | | 100ea. | 403 | 6" x 7-1/2" Full Circle Clamp 6.84-7.24" Ford FS1-724-75 | \$ 52.55 | \$ 5255.00 |
| | | | Part # | Manufacturer | | |
| 34 | | 50ea. | 403A | 6" x 7-1/2" Full Circle Clamp 7.05-7.45" Ford FS1-745-75 | \$ 52.55 | \$ 2627.50 |
| | | | Part # | Manufacturer | | |
| 35 | | 6ea. | 404 | 6" x 12-1/2" Full Circle Clamp 6.84-7.24" Ford FS1-724-125 | \$ 84.00 | \$ 504.00 |
| | | | Part # | Manufacturer | | |
| 36 | | 6ea. | 405 | 6" x 15" Full circle Clamp 6.84-7.64" Ford FS2-764-15 | \$ 143.80 | \$ 862.80 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|------------|
| 37 | 6ea. | 405A | 6" x 7-1/2" Full Circle Clamp 7.45-7.85" Ford FS1-785-75 | \$ 52.50 | \$ 315.00 |
| | | Part # | Manufacturer | | |
| 38 | 100ea. | 406 | 8" x 7-1/2" Full Circle Clamp 8.99-9.39" Ford FS1-939-75 | \$ 61.60 | \$ 6160.00 |
| | | Part # | Manufacturer | | |
| 39 | 40ea. | 406A | 8" x 7-1/2" Full Circle Clamp 9.27-9.67" Ford FS1-967-75 | \$ 61.60 | \$ 2464.00 |
| | | Part # | Manufacturer | | |
| 40 | 6ea. | 406B | 8" x 7-1/2" Full Circle Clamp 7.95-8.35" Ford FS1-835-75 | \$ 61.60 | \$ 369.60 |
| | | Part # | Manufacturer | | |
| 41 | 12ea. | 407 | 8" x 12-1/2" Full Circle Clamp 8.99-9.79" Ford FS2-979-125 | \$ 128.00 | \$ 1536.00 |
| | | Part # | Manufacturer | | |
| 42 | 6ea. | 407A | 8" x 12-1/2" Full Circle Clamp FS1-967-125 | \$ 98.75 | \$ 592.50 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|--------------------------------|------|-------------|---|-----------|-------------|
| 43 | 4ea. | 409 | 10" x 7-1/2" Full Circle Clamp 11.04-11.44" Ford FS1-1144-75 | \$ 84.85 | \$ 339.40 |
| | | Part # | Manufacturer | | |
| 44 | 4ea. | 410 | 10" x 7-1/2" Full Circle Clamp 11.75-12.15" Ford FS1-1215-75 | \$ 84.85 | \$ 339.40 |
| | | Part # | Manufacturer | | |
| 45 | 4ea. | 411 | 10" x 15" Full Circle Clamp 11.04-11.44" Ford FS1-1144-15 | \$ 153.50 | \$ 614.00 |
| | | Part # | Manufacturer | | |
| 46 | 4ea. | 412A | 12" x 12-1/2" Full Circle Clamp 13.10-13.50" Ford FS1-1350-125 | \$ 154.30 | \$ 617.20 |
| | | Part # | Manufacturer | | |
| 47 | 4ea. | 413 | 12" x 15" Full Circle Clamp 14.00-14.40" Ford FS1-1440-15 | \$ 174.45 | \$ 699.00 |
| | | Part # | Manufacturer | | |
| 48 | 4ea. | 414 | 12" x 15" Full Circle Clamp 13.10-13.50" Ford FS1-1350-15 | \$ 174.45 | \$ 699.00 |
| | | Part # | Manufacturer | | |
| Group IV Subtotal (Items 1-48) | | | | \$ | \$ 65128.40 |

GROUP V - FLEX COUPLINGS

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|------|--------|--|-----------|------------|
| 1 | 50ea. | 200 | | 3/4" steel coupling for 1.05 OD pipe. Romac 511 - 1.05 x 1.05 x 5". Cast followers ONLY. | \$ 22.00 | \$ 1100.00 |
| | | | Part # | Manufacturer | | |
| 2 | 200ea. | 201 | | 1" steel coupling for 1.32 OD pipe Smith Blair 411-013201-003, Romac 511-1.32x1.32x5" Cast followers ONLY | \$ 22.78 | \$ 4556.00 |
| | | | Part # | Manufacturer | | |
| 2 | 50ea. | 202 | | 1-1/4" steel coupling for 1.66 OD pipe. Smith Blair 411-016601-003, Romac 511-1.66x1.66 x 5" Cast followers ONLY | \$ 23.82 | \$ 1191.00 |
| | | | Part # | Manufacturer | | |
| 3 | 100ea. | 203 | | 1-1/2" steel coupling for 1.90 OD pipe. Smith Blair 411-019001-003, Romac 511-1.90 x1.90 x 5" Cast followers ONLY | \$ 28.46 | \$ 2846.00 |
| | | | Part # | Manufacturer | | |
| 4 | 50ea. | 204 | | 2" steel coupling for 2.38 OD pipe. Smith Blair 411-023801-003, Romac 511-2.38x2.38x5" Cast followers ONLY | \$ 34.74 | \$ 1737.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|--|-----------|-------------|
| 5 | 6ea. | 205 | 2 1/2" steel coupling for 2.88 OD pipe. Romac 511- 2.88 x 5" | \$ 70.00 | \$ 420.00 |
| | | Part # | Manufacturer | | |
| 6 | 6ea. | 206 | 3" steel coupling for 3.50 OD pipe Smith Blair 411-035000-003 | \$ 77.70 | \$ 466.20 |
| | | Part # | Manufacturer | | |
| 7 | 50ea. | 211EXT | 3" Extended Range Coupling 2.50-4.29" Ford FC2W-3 | \$ 87.80 | \$ 4390.00 |
| | | Part # | Manufacturer | | |
| 8 | 50ea. | 212EXT | 4" Extended Range Coupling 3.96-5.60" Ford FC2W-4 | \$ 97.50 | \$ 4875.00 |
| | | Part # | Manufacturer | | |
| 9 | 100ea. | 221EXT | 6" Extended Range Coupling 6.00-7.60" Ford FC2W-6 | \$ 134.00 | \$ 13400.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------------------------|--------|-------------|--|-----------|-------------|
| 10 | 100ea. | 234EXT | 8" Extended Range Coupling 8.00-9.75" Ford FC2W-8 | \$ 156.45 | \$ 15645.00 |
| | | Part # | Manufacturer | | |
| 11 | 40ea. | 240EXT | 10" Extended Range Coupling 10.75-12.12" Ford FC2W-10 | \$ 206.00 | \$ 8240.00 |
| | | Part # | Manufacturer | | |
| 12 | 20ea. | 245EXT | 12" Extended Range Coupling 12.75-14.38" Ford FC2W-12 | \$ 243.00 | \$ 4860.00 |
| | | Part # | Manufacturer | | |
| 13 | 20ea. | | 16" Extended Range Coupling 16.00-17.80" Ford FC2W-16 | \$ 506.80 | \$ 10136.00 |
| | | Part # | Manufacturer | | |
| Group V Subtotal (Items 1-13) | | | | \$ | 73862.20 |

GROUP VI - LEAK CLAMPS

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--|-----------|------------|
| 1 | 6ea. | 255 | 4" bell joint leak clamp for 4.80-5.00 CI pipe Romac 516-5.00 | \$ 73.40 | \$ 440.40 |
| | | Part # | Manufacturer | | |
| 2 | 10ea. | 256 | 6" bell joint leak clamp for 6.90-7.10 CI pipe Romac 516-7.10 | \$ 80.85 | \$ 808.50 |
| | | Part # | Manufacturer | | |
| 3 | 10ea. | 257 | 8" bell joint leak clamp for 9.05-9.30 CI pipe. Romac 516-9.30 | \$ 111.85 | \$ 1118.50 |
| | | Part # | Manufacturer | | |
| 4 | 4ea. | 258 | 10" bell joint leak clamp for 11.10-11.40 CI pipe Romac 516-11.40 | \$ 140.25 | \$ 561.00 |
| | | Part # | Manufacturer | | |
| 5 | 4ea. | 259 | 12" bell joint leak clamp for 13.15-13.55 CI pipe Romac 516-13.55 | \$ 152.00 | \$ 608.00 |
| | | Part # | Manufacturer | | |
| 6 | 4ea. | 261 | 16" bell joint leak clamp for CI pipe Romac 516 | \$ 815.00 | \$ 3260.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------------------------|------|-------------|--|-----------|-------------|
| 7 | 4ea. | | 6" Quick Bell Encapsulation Sleeve 6.54-7.20 TPS ENCSLV-0720-0000 | \$ 715.00 | \$ 2860.00 |
| | | Part # | Manufacturer | | |
| 8 | 4ea. | | 8" Quick Bell Encapsulation Sleeve 8.95-9.40 TPS ENCSLV-0940-0000 | \$ 870.00 | \$ 3480.00 |
| | | Part # | Manufacturer | | |
| Group VI Subtotal (Items 1-8) | | | | | \$ 13136.40 |

GROUP VII - BRASS COUPLING ADAPTERS

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|-------------|
| 1 | 50ea. | 280 | 3/4" Compression Coupling Mueller H15403 | \$ 14.41 | \$ 720.50 |
| | | Part # | Manufacturer | | |
| 2 | 500ea. | 281 | 1" Compression Coupling Mueller H15403 | \$ 16.49 | \$ 8245.00 |
| | | Part # | Manufacturer | | |
| 3 | 50ea. | 282 | 1-1/4" Compression Coupling Mueller H15403 | \$ 28.47 | \$ 1423.50 |
| | | Part # | Manufacturer | | |
| 4 | 150ea. | 295 | 1-1/2" Compression Coupling Mueller H15403 | \$ 55.17 | \$ 8275.50 |
| | | Part # | Manufacturer | | |
| 5 | 200ea. | 296 | 2" Compression Coupling Mueller H15403 | \$ 74.48 | \$ 14896.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|--|-----------|-------------|
| 6 | 50ea. | 282A | 3/4" Adapter MIPT x COMP Mueller H15428 | \$ 11.84 | \$ 592.00 |
| | | Part # | Manufacturer | | |
| 7 | 500ea. | 282B | 1" Adapter MIPT x COMP Mueller H15428 | \$ 14.00 | \$ 7000.00 |
| | | Part # | Manufacturer | | |
| 8 | 50ea. | 282BC | 1-1/4" Adapter MIPT x COMP Mueller H15428 | \$ 26.80 | \$ 1340.00 |
| | | Part # | Manufacturer | | |
| 9 | 150ea. | 282C | 1-1/2" Adapter MIPT x COMP Mueller H15428 | \$ 38.39 | \$ 5758.50 |
| | | Part # | Manufacturer | | |
| 10 | 200ea. | 282D | 2" Adapter MIPT x COMP Mueller H15428 | \$ 55.95 | \$ 11190.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|--------|----------------|--|-----------|-------------|
| 11 | 50ea. | 282HI | 3/4" Adapter FIPT x COMP Mueller H15451 | \$ 12.45 | \$ 622.50 |
| | | Part # | Manufacturer | | |
| 12 | 500ea. | 282I | 1" Adapter FIPT x COMP Mueller H15451 | \$ 16.90 | \$ 8450.00 |
| | | Part # | Manufacturer | | |
| 13 | 50ea. | 282J | 1-1/4" Adapter FIPT x COMP Mueller H15451 | \$ 30.85 | \$ 1542.50 |
| | | Part # | Manufacturer | | |
| 14 | 150ea. | 282L | 1-1/2" Adapter FIPT x COMP Mueller H15451 | \$ 49.10 | \$ 7365.00 |
| | | Part # | Manufacturer | | |
| 15 | 200ea. | 282M | 2" Adapter FIPT x COMP Mueller H15451 | \$ 58.49 | \$ 11698.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|------|--------|---|-----------|-------------|
| 16 | 50ea. | | 120A | 3/4" Compression Coupling 90° Mueller H15526 | \$ 18.63 | \$ 931.50 |
| | | | Part # | Manufacturer | | |
| 17 | 500ea. | | 121A | 1" Compression Coupling 90° Mueller H15526 | \$ 23.92 | \$ 11960.00 |
| | | | Part # | Manufacturer | | |
| 18 | 50ea. | | 121AB | 1-1/4" Compression Coupling 90° Mueller H15526 | \$ 43.23 | \$ 2161.50 |
| | | | Part # | Manufacturer | | |
| 19 | 150ea. | | 121B | 1-1/2" Compression Coupling 90° Mueller H15526 | \$ 76.83 | \$ 11524.50 |
| | | | Part # | Manufacturer | | |
| 20 | 200ea. | | 121C | 2" Compression Coupling 90° Mueller H15526 | \$ 155.45 | \$ 31090.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|--------|----------------|--|-----------|-------------|
| 21 | 50ea. | 120A | 3/4" Adapter MIPT x COMP 90° Mueller H15531 | \$ 12.96 | \$ 648.00 |
| | | Part # | Manufacturer | | |
| 22 | 500ea. | 121A | 1" Adapter MIPT x COMP 90° Mueller H15531 | \$ 21.57 | \$ 10785.00 |
| | | Part # | Manufacturer | | |
| 23 | 50ea. | 121AB | 1-1/4" Adapter MIPT x COMP 90° Mueller H15531 | \$ 81.33 | \$ 4066.50 |
| | | Part # | Manufacturer | | |
| 24 | 150ea. | 121B | 1-1/2" Adapter MIPT x COMP 90° Mueller H15531 | \$ 62.63 | \$ 9394.50 |
| | | Part # | Manufacturer | | |
| 25 | 200ea. | 121C | 2" Adapter MIPT x COMP 90° Mueller H15531 | \$ 89.75 | \$ 17950.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|---------------------------------|--------|----------------|--|-----------|--------------|
| 26 | 50ea. | 120A | 3/4" Adapter FIPT x COMP 90° Mueller H15533 | \$ 16.79 | \$ 839.50 |
| | | Part # | Manufacturer | | |
| 27 | 500ea. | 121A | 1" Adapter FIPT x COMP 90° Mueller H15531 | \$ 27.38 | \$ 13690.00 |
| | | Part # | Manufacturer | | |
| 28 | 50ea. | 121AB | 1-1/4" Adapter FIPT x COMP 90° Mueller H15533 | \$ 84.32 | \$ 4216.00 |
| | | Part # | Manufacturer | | |
| 29 | 150ea. | 121B | 1-1/2" Adapter FIPT x COMP 90° Mueller H15533 | \$ 69.32 | \$ 10398.00 |
| | | Part # | Manufacturer | | |
| 30 | 200ea. | 121C | 2" Adapter FIPT x COMP 90° Mueller H15533 | \$ 99.00 | \$ 19800.00 |
| | | Part # | Manufacturer | | |
| Group VII Subtotal (Items 1-30) | | | | | \$ 238574.00 |

GROUP VIII - GATE VALVES

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|------|--------|--|-----------|-------------|
| 1 | 40ea | 370 | | 3" gate valve, OL FLG Clow 2640, Mueller A-2360 | \$ 291.00 | \$ 11640.00 |
| | | | Part # | Manufacturer | | |
| 2 | 40ea | 370A | | 3" gate valve OL MJ Clow 2640, Mueller A-2360 | \$ 293.00 | \$ 11720.00 |
| | | | Part # | Manufacturer | | |
| 3 | 40ea | 370B | | 3" gate valve OL MJ X FLG Clow 2640, Mueller A-2360 | \$ 278.00 | \$ 11120.00 |
| | | | Part # | Manufacturer | | |
| 4 | 15ea. | 470 | | 4" gate valve FLG OL Clow 2640, Mueller A-2360 | \$ 325.00 | \$ 4875.00 |
| | | | Part # | Manufacturer | | |
| 5 | 15ea. | 470A | | 4" gate valve MJ OL Clow 2640, Mueller A-2360 | \$ 328.00 | \$ 4920.00 |
| | | | Part # | Manufacturer | | |
| 6 | 25ea. | 470B | | 4" gate valve FLG x MJ OL Clow 2640, Mueller A-2360 | \$ 313.00 | \$ 7825.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|-------|----------------|--|-----------|-------------|
| 7 | 30ea. | 670 | 6" gate valve FLG OL Clow 2640, Mueller A-2360 Part # _____ Manufacturer _____ | \$ 434.00 | \$ 13020.00 |
| 8 | 30ea. | 670A | 6" gate valve MJ OL Clow 2640, Mueller A-2360 Part # _____ Manufacturer _____ | \$ 418.00 | \$ 12540.00 |
| 9 | 30ea | 670B | 6" gate valve FLG x MJ OL Clow 2640, Mueller A-2360 Part # _____ Manufacturer _____ | \$ 418.00 | \$ 12540.00 |
| 10 | 15ea. | 870 | 8" gate valve FLG OL Clow 2640, Mueller A-2360 Part # _____ Manufacturer _____ | \$ 678.00 | \$ 10170.00 |
| 11 | 30ea. | 870A | 8" gate valve MJ OL Clow 2640, Mueller A-2360 Part # _____ Manufacturer _____ | \$ 666.00 | \$ 19980.00 |
| 12 | 50ea. | 870B | 8" gate valve FLG x MJ OL Part # _____ Manufacturer _____ | \$ 653.00 | \$ 32650.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|------------|-------------|
| 13 | 4ea. | 1070 | 10" gate valve FL OL Clow 2640, Mueller A-2360 | \$ 1078.00 | \$ 4312.00 |
| | | Part # | Manufacturer | | |
| 14 | 4ea. | 1070A | 10" gate valve MJ OL | \$ 1038.00 | \$ 4152.00 |
| | | Part # | Manufacturer | | |
| 15 | 15ea. | 1070B | 10" gate valve MJ x FLG OL | \$ 1038.00 | \$ 15570.00 |
| | | Part # | Manufacturer | | |
| 16 | 2ea. | 1270 | 12" gate valve FL OL Clow 2640, Mueller A-2360 | \$ 1302.00 | \$ 2604.00 |
| | | Part # | Manufacturer | | |
| 17 | 2ea. | 1270A | 12" gate valve MJ OL Clow 2640, Mueller A-2360 | \$ 1314.00 | \$ 2628.00 |
| | | Part # | Manufacturer | | |
| 18 | 10ea | 1270B | 12" gate valve FLG x MJ OL Clow 2640, Mueller A-2360 | \$ 1254.00 | \$ 12540.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------------------------------|------|-------------|-----------------------|-----------|--------------|
| 19 | 40ea | 380 | 3" Valve butterfly OL | | |
| | | FLG X FLG | Clow 2815 | \$ 576.00 | \$ 23040.00 |
| | | Part # | Manufacturer | | |
| 20 | 40ea | 480 | 4" Valve butterfly OL | | |
| | | FLG X FLG | Clow 2815 | \$ 581.00 | \$ 23240.00 |
| | | Part # | Manufacturer | | |
| 21 | 40ea | 680 | 6" Valve butterfly OL | | |
| | | FLG X FLG | Clow 2815 | \$ 598.00 | \$ 23920.00 |
| | | Part # | Manufacturer | | |
| 22 | 40ea | 880 | 8" Valve butterfly OL | | |
| | | FLG X FLG | Clow 2815 | \$ 767.00 | \$ 30680.00 |
| | | Part # | Manufacturer | | |
| Group VIII Subtotal (Items 1-22) | | | | | \$ 295686.00 |

GROUP IX - PIPE

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|---------|-------------|----------------------------|-----------|-------------|
| 1 | 100ft | 419A | Type L Rigid Copper 3/4" | \$ 1.57 | \$ 157.00 |
| | | Part # | Manufacturer | | |
| 2 | 100ft | 419B | Type L Rigid Copper 1" | \$ 2.27 | \$ 227.00 |
| | | Part # | Manufacturer | | |
| 3 | 300ft | 419C | Type L Rigid Copper 1-1/4" | \$ 3.12 | \$ 936.00 |
| | | Part # | Manufacturer | | |
| 4 | 300ft | 419D | Type L Rigid Copper 1-1/2" | \$ 4.02 | \$ 1206.00 |
| | | Part # | Manufacturer | | |
| 5 | 1,200ft | 419E | Type L Rigid Copper 2" | \$ 6.40 | \$ 7680.00 |
| | | Part # | Manufacturer | | |
| 6 | 1500ft | 420A | Copper tubing -3/4" | \$ 2.59 | \$ 3885.00 |
| | | Part # | Manufacturer | | |
| 7 | 2,400ft | 420B | Copper tubing -1" | \$ 4.46 | \$ 10704.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|----------|-------------|----------------------------|-----------|-------------|
| 8 | 300ft | 420D | Copper tubing 1-1/4" | \$ 4.85 | \$ 1455.00 |
| | | Part # | Manufacturer | | |
| 9 | 600ft | 420E | Copper tubing 1-1/2" | \$ 6.73 | \$ 4038.00 |
| | | Part # | Manufacturer | | |
| 10 | 1,000ft | 420F | Copper tubing -2" | \$ 10.47 | \$ 10470.00 |
| | | Part # | Manufacturer | | |
| 11 | 1,000ft | 439A | 3/4" HDPE Plastic Tubing | \$.18 | \$ 180.00 |
| | | Part # | Manufacturer | | |
| 12 | 10,000ft | 439B | 1" HDPE Plastic Tubing | \$.33 | \$ 3300.00 |
| | | Part # | Manufacturer | | |
| 13 | 2,000ft | 439C | 1-1/4" HDPE Plastic Tubing | \$.40 | \$ 800.00 |
| | | Part # | Manufacturer | | |
| 14 | 2,000ft | 439D | 1-1/2" HDPE Plastic Tubing | \$.58 | \$ 1160.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|---------|-------------|------------------------|-----------|------------|
| 15 | 2,000ft | 439E | 2" HDPE Plastic Tubing | \$.96 | \$ 1920.00 |
| | | Part # | Manufacturer | | |
| 16 | 600ft | 442P04 | 4" PIPE C-900 | 2.24 | 1344.00 |
| | | DR-18 | Manufacturer | | |
| | | Part # | Manufacturer | | |
| 17 | 1000ft | 442P06 | 6" PIPE C-900 | 4.45 | 4450.00 |
| | | DR-18 | Manufacturer | | |
| | | Part # | Manufacturer | | |
| 18 | 600ft | 442P08 | 8" PIPE C-900 | 7.70 | 5082.00 |
| | | DR-18 | Manufacturer | | |
| | | Part # | Manufacturer | | |
| 19 | 400ft | 442P10 | 10" PIPE C-900 | 11.55 | 4620.00 |
| | | DR-18 | Manufacturer | | |
| | | Part # | Manufacturer | | |
| 20 | 400ft | 442P12 | 12" PIPE C-900 | 16.31 | 6524.00 |
| | | DR-18 | Manufacturer | | |
| | | Part # | Manufacturer | | |
| 21 | 200ft | 442P16 | 16" PIPE C-900 | 31.48 | 6296.00 |
| | | DR-18 | Manufacturer | | |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|-------------------|-----------|------------|
| 22 | 180ft | 435A | 3" PIPE DUCTILE | | |
| | | CL54 | US PIPE & FOUNDRY | \$ 33.00 | \$ 5940.00 |
| | | Part # | Manufacturer | | |
| 23 | 540ft | 435B | 4" PIPE DUCTILE | | |
| | | CL350 | US PIPE & FOUNDRY | 16.60 | \$ 8964.00 |
| | | Part # | Manufacturer | | |
| 24 | 360ft | 435C | 6" PIPE DUCTILE | | |
| | | CL350 | US PIPE & FOUNDRY | 11.75 | \$ 4230.00 |
| | | Part # | Manufacturer | | |
| 25 | 360ft | 435D | 8" PIPE DUCTILE | | |
| | | CL350 | US PIPE & FOUNDRY | 15.50 | \$ 5580.00 |
| | | Part # | Manufacturer | | |
| 26 | 180ft | 435E | 10" PIPE DUCTILE | | |
| | | CL350 | US PIPE & FOUNDRY | 19.90 | \$ 3582.00 |
| | | Part # | Manufacturer | | |
| 27 | 180ft | 435F | 12" PIPE DUCTILE | | |
| | | CL350 | US PIPE & FOUNDRY | 25.50 | \$ 4590.00 |
| | | Part # | Manufacturer | | |
| 28 | 180ft | 435G | 14" PIPE DUCTILE | | |
| | | CL250 | US PIPE & FOUNDRY | 30.90 | \$ 5562.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|--------------------------------|--------|-------------|-------------------|-----------|--------------|
| 29 | 180ft | 435H | 16" PIPE DUCTILE | | |
| | | CL250 | US PIPE & FOUNDRY | \$ 37.65 | \$ 6777.00 |
| | | Part # | Manufacturer | | |
| 30 | 180ft | 435I | 18" PIPE DUCTILE | | |
| | | CL250 | US PIPE & FOUNDRY | \$ 43.40 | \$ 7812.00 |
| | | Part # | Manufacturer | | |
| 31 | 180ft | 435J | 20" PIPE DUCTILE | | |
| | | CL250 | US PIPE & FOUNDRY | \$ 50.90 | \$ 9162.00 |
| | | Part # | Manufacturer | | |
| 32 | 2000ft | 440 | 6" PIPE SDR35 | 2.00 | 4000.00 |
| | | Part # | Manufacturer | | |
| 33 | 2000ft | 441 | 8" PIPE SDR35 | 3.59 | 7180.00 |
| | | Part # | Manufacturer | | |
| Group IX Subtotal (Items 1-33) | | | | | \$ 149813.00 |

GROUP X - TAPPING SLEEVES

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|------|--------|---|-----------|-------------|
| 1 | 10ea. | 495 | | 4" x 4" stainless steel drop in bolt ONLY tapping sleeve, 4.50-4.80, SST flange Ford FTSS-480-4 | \$ 464.50 | \$ 46450.00 |
| | | | Part # | Manufacturer | | |
| 2 | 10ea. | 496 | | 4" x 4" stainless steel drop in bolt ONLY tapping sleeve, 4.80-5.00, SST flange Ford FTSS-500-4 | \$ 464.50 | \$ 46450.00 |
| | | | Part # | Manufacturer | | |
| 3 | 10ea. | 498 | | 6" x 4" stainless steel drop in bolt ONLY tapping sleeve, 6.90 X 7.30, SST flange Ford FTSS-730-4 | \$ 464.50 | \$ 46450.00 |
| | | | Part # | Manufacturer | | |
| 4 | 20ea. | 499 | | 6" x 6" stainless steel drop in bolt ONLY tapping sleeve, 6.90 X 7.30, SST flange Ford FTSS-730-6 | \$ 479.00 | \$ 9580.00 |
| | | | Part # | Manufacturer | | |
| 5 | 10ea. | 523 | | 6" x 4" stainless steel drop in bolt ONLY tapping sleeve, 7.30-7.50, SST flange Ford FTSS-750-4 | \$ 464.50 | \$ 46450.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|-------------|
| 6 | 10ea. | 524 | 6" x 6" stainless steel drop in bolt ONLY tapping sleeve, 7.30-7.50, SST flange Ford FTSS-750-6 | \$ 479.00 | \$ 4790.00 |
| | | Part # | Manufacturer | | |
| 7 | 20ea. | 501 | 8" x 4" stainless steel drop in bolt ONLY tapping sleeve, 9.05-9.30, SST flange Ford FTSS-930-4 | \$ 476.00 | \$ 9520.00 |
| | | Part # | Manufacturer | | |
| 8 | 20ea. | 502 | 8" x 6" stainless steel drop in bolt ONLY tapping sleeve, 9.05-9.30 SST flange Ford FTSS-930-6 | \$ 515.00 | \$ 10300.00 |
| | | Part # | Manufacturer | | |
| 9 | 50ea. | 503 | 8" x 8" stainless steel drop in bolt ONLY tapping sleeve, 9.05-9.30 SST flange Ford FTSS-930-8 | \$ 630.00 | \$ 31500.00 |
| | | Part # | Manufacturer | | |
| 10 | 6ea. | 526 | 8" x 4" stainless steel drop in bolt ONLY tapping sleeve, 9.30 X 9.60, SST flange Ford FTSS-960-4 | \$ 476.00 | \$ 2856.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|-------------|
| 11 | 20ea. | 527 | 8" x 6" stainless steel drop in bolt ONLY tapping sleeve, 9.30 X 9.60, SST flange Ford FTSS-960-6 | \$ 515.00 | \$ 10300.00 |
| | | Part # | Manufacturer | | |
| 12 | 10ea. | 528 | 8" x 8" stainless steel drop in bolt ONLY tapping sleeve, 9.30 X 9.60, SST flange Ford FTSS-960-8 | \$ 630.00 | \$ 6300.00 |
| | | Part # | Manufacturer | | |
| 13 | 4ea. | 505 | 10" x 4" stainless steel drop in bolt ONLY tapping sleeve. 11.10-11.40, SST flange Ford FTSS-1140-4 | \$ 549.00 | \$ 2196.00 |
| | | Part # | Manufacturer | | |
| 14 | 4ea. | 506 | 10" X 6" stainless steel drop in bolt ONLY tapping sleeve. 11.10-11.40, SST flange Ford FTSS-1140-6 | \$ 553.00 | \$ 2212.00 |
| | | Part # | Manufacturer | | |
| 15 | 4ea. | 507 | 10" X 8" stainless steel drop in bolt ONLY tapping sleeve. 11.10-11.40, SST flange Ford FTSS-1140-8 | \$ 726.00 | \$ 2904.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|-------------|
| 16 | 4ea. | 508 | 10" x 10" stainless steel drop in bolt ONLY tapping sleeve. 11.10-11.40, SST flange Ford FTSS-1140-10 | \$ 106.00 | \$ 424.00 |
| | | Part # | Manufacturer | | |
| 17 | 4ea. | 531 | 10" X 6" stainless steel drop in bolt ONLY tapping sleeve. 11.85-12.15, SST flange Ford FTSS-1215-6 | \$ 553.00 | \$ 2212.00 |
| | | Part # | Manufacturer | | |
| 18 | 25ea. | 510 | 12" X 4" stainless steel drop in bolt ONLY tapping sleeve, 13.20-13.50, SST flange Ford FTSS-1350-4 | \$ 573.00 | \$ 14325.00 |
| | | Part # | Manufacturer | | |
| 19 | 20ea. | 511 | 12" X 6" stainless steel drop in bolt ONLY tapping sleeve, 13.20-13.50, SST flange Ford FTSS-1350-6 | \$ 584.00 | \$ 11680.00 |
| | | Part # | Manufacturer | | |
| 20 | 20ea. | 512 | 12" x 8" stainless steel drop in bolt ONLY tapping sleeve, 13.20-13.50, SST flange Ford FTSS-1350-8 | \$ 800.00 | \$ 16000.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|------------|-------------|
| 21 | 20ea. | 513 | 12" x 10" stainless steel drop in bolt ONLY tapping sleeve, 13.20-13.50, SST flange Ford FTSS-1350-10 | \$ 1078.00 | \$ 21560.00 |
| | | Part # | Manufacturer | | |
| 22 | 10ea. | 514 | 12" x 12" stainless steel drop in bolt ONLY tapping sleeve, 13.20-13.50, SST flange Ford FTSS-1350-12 | \$ 1203.00 | \$ 12030.00 |
| | | Part # | Manufacturer | | |
| 23 | 4ea. | 535 | 12" X 4" stainless steel drop in bolt ONLY tapping sleeve, 14.10-14.40, SST flange Ford FTSS-1440-4 | \$ 573.00 | \$ 2292.00 |
| | | Part # | Manufacturer | | |
| 24 | 2ea. | 536 | 12" x 6" stainless steel drop in bolt ONLY tapping sleeve, 14.10-14.40, SST flange Ford FTSS-1440-6 | \$ 1169.00 | \$ 2338.00 |
| | | Part # | Manufacturer | | |
| 25 | 10ea. | 537 | 12 x 8" stainless steel drop in bolt ONLY tapping sleeve, 14.10-14.40, SST flange Ford FTSS-1440-8 | \$ 800.00 | \$ 8000.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------------------------|------|-------------|---|------------|--------------|
| 26 | 4ea. | 538 | 12" x 10" stainless steel drop in bolt ONLY tapping sleeve, 14.10-14.40, SST flange Ford FTSS-1440-10 | \$ 1078.00 | \$ 4312.00 |
| | | Part # | Manufacturer | | |
| 27 | 4ea. | 516A | 14" x 4" stainless steel drop in bolt ONLY tapping sleeve, 15.30-15.70, SST flange Ford FTSS-1570-4 | \$ 628.00 | \$ 2512.00 |
| | | Part # | Manufacturer | | |
| Group X Subtotal (Items 1-27) | | | | | \$ 375943.00 |

GROUP XI - ENCLOSURES

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------------------------|------|------|-----------|---|-----------|-------------|
| 1 | 25ea | | CAGE14X30 | BACKFLOW SECURITY CAGE W/ REBAR, 14"W X 30"L X24"H INSULATED, HUNTER GREEN Placer Waterworks # PW/E1AW-S / PW/E1A-E(S) | \$ 910.90 | \$ 22772.50 |
| | | | Part # | Manufacturer | | |
| 2 | 25ea | | CAGE17X40 | BACKFLOW SECURITY CAGE W/ REBAR, 17"W X 40"L X30"H INSULATED, HUNTER GREEN Placer Waterworks # PW/E1AW-M / PW/E1A-E(M) | \$ 952.53 | \$ 23813.25 |
| | | | Part # | Manufacturer | | |
| 3 | 25ea | | CAGE12X24 | BACKFLOW SECURITY CAGE, 12"W X 24"L X26"H HUNTER GREEN Placer Waterworks # E1A-Extra Small NS00305064 | 568.94 | \$ 14223.50 |
| | | | Part # | Manufacturer | | |
| Group XI Subtotal (Items 1-3) | | | | | | \$ 60809.25 |

GROUP XII - METER BOXES & LIDS - All Lids are to be designated "WATER" and marked "Property of City of Sacramento" (POCOS)

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|-------------------------|-----------|-------------|
| 1 | 300ea. | B30B | B-30 Concrete Meter Box | | |
| | | Part # | Manufacturer | \$ 31.00 | \$ 9300.00 |
| 2 | 500ea. | FL30B | FL-30 Fiberlite Box | | |
| | | Part # | Manufacturer | \$ 63.60 | \$ 31800.00 |
| 3 | 40ea. | B36B | B-36 Concrete Meter Box | | |
| | | Part # | Manufacturer | \$ 41.80 | \$ 1672.00 |
| 4 | 500ea. | FL36B | FL-36 Fiberlite Box | | |
| | | Part # | Manufacturer | \$ 98.50 | \$ 49250.00 |
| 5 | 5ea. | B40B | B-40 Concrete Meter Box | | |
| | | Part # | Manufacturer | \$ 117.00 | \$ 585.00 |
| 6 | 5ea. | B48B | B-48 Concrete Meter Box | | |
| | | Part # | Manufacturer | \$ 144.80 | \$ 724.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|---------|----------------|--|-----------|-------------|
| 7 | 5ea. | B52B | B-52 Concrete Meter Box Part # _____ Manufacturer | \$ 181.60 | \$ 908.00 |
| 8 | 10ea. | B30E | B-30 Concrete Meter Box Extension Part # _____ Manufacturer | \$ 29.00 | \$ 290.00 |
| 9 | 10ea. | B36E | B-36 Concrete Meter Box Extension Part # _____ Manufacturer | \$ 40.00 | \$ 400.00 |
| 10 | 5ea. | B40E | B-40 Concrete Meter Box Extension Part # _____ Manufacturer | \$ 85.65 | \$ 428.25 |
| 11 | 1000ea. | B30L | B-30 Concrete Meter Lid w/ Badger Orion Probe Hole Part # _____ Manufacturer | \$ 29.00 | \$ 29000.00 |
| 12 | 500ea | FL30L | FL-30D Fiberlite Lid w/ Badger Orion Probe Hole Part # _____ Manufacturer | \$ 60.40 | \$ 30200.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-----------------|--|--------------|-------------|
| 13 | 50ea | B36SL Part # | B-36 Steel Meter Lid w/ Badger Orion Probe Hole Manufacturer | \$ 112.00 | \$ 5600.00 |
| 14 | 250ea. | B36L Part # | B36 Concrete Meter Lid w/ Badger Orion Probe Hole Manufacturer | \$ 40.95 | \$ 10237.50 |
| 15 | 250ea. | FL36L Part # | FL-36D Fiberlite Lid w/ Badger Orion Probe Hole Manufacturer | \$ 95.60 | \$ 23900.00 |
| 16 | 2ea. | B40SL Part # | B40 Steel Meter Lid w/ Badger Orion Probe Hole Manufacturer | 164.00 \$ | \$ 328.00 |
| 17 | 4ea. | B40L Part # | B-40 Concrete Meter Lid w/ Badger Orion Probe Hole Manufacturer | \$ 104.40 | \$ 417.60 |
| 18 | 2ea. | B48SL Part # | B-48 Steel Meter Lid w/ Badger Orion Probe Hole Manufacturer | \$ 251.00 | \$ 502.00 |

| ITEM NO. | CITY | QTY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|------|--------|--------|--|-----------|-------------|
| 19 | | 2ea. | B48L | B-48 Concrete Meter Lid w/ Badger Orion Probe Hole | \$ 92.40 | \$ 184.80 |
| | | | Part # | Manufacturer | | |
| 20 | | 2ea. | B52SL | B-52 Steel Meter Lid w/ Badger Orion Probe Hole | \$ 306.60 | \$ 613.20 |
| | | | Part # | Manufacturer | | |
| 21 | | 80ea. | 1324B | B1324 Traffic Meter Box | \$ 98.68 | \$ 7894.40 |
| | | | Part # | Manufacturer | | |
| 22 | | 100ea. | 1324L | B1324 Traffic Meter Lid w/ Badger Orion Probe Hole (POCOS) | \$ 146.25 | \$ 14625.00 |
| | | | Part # | Manufacturer | | |
| 23 | | 20ea. | 1324LS | B1324 Traffic Meter Lid Solid (POCOS) | \$ 141.00 | \$ 2820.00 |
| | | | Part # | Manufacturer | | |
| 24 | | 80ea. | 1730B | B1730 Traffic Meter Box | \$ 191.00 | \$ 15280.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | CITY | QTY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|--------|--------------|--|-----------|-------------|
| 25 | 1730L | 100ea. | | B1730 Traffic Meter Lid w/ Badger Orion Probe Hole (POCOS) | | |
| | Part # | | Manufacturer | | \$ 234.00 | \$ 23400.00 |
| 26 | 1730LS | 20ea. | | B1730 Traffic Meter Lid Solid (POCOS) | | |
| | Part # | | Manufacturer | | \$ 229.00 | \$ 4580.00 |
| 27 | 2436B | 10ea. | | B2436 Traffic Meter Box | | |
| | Part # | | Manufacturer | | \$ 234.00 | \$ 2340.00 |
| 28 | 1324E | 10ea. | | B2436 Traffic Meter Box Extension | | |
| | Part # | | Manufacturer | | \$ 105.00 | \$ 1050.00 |
| 29 | 2436L | 10ea. | | B2436 Traffic Meter Lid w/ Badger Orion Probe Hole (POCOS) | | |
| | Part # | | Manufacturer | | \$ 366.80 | \$ 3668.00 |
| 30 | 3048B | 10ea. | | B3048 Traffic Meter Box | | |
| | Part # | | Manufacturer | | \$ 252.00 | \$ 2520.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|--|-----------|-------------|
| 31 | 10ea. | 3048E | B3048 Traffic Meter Box Extension | \$ 117.80 | \$ 1178.00 |
| | | Part # | Manufacturer | | |
| 32 | 10ea. | 3048L | B3048 Traffic Meter Lid w/ Badger Orion Probe Hole (POCOS) | \$ 620.00 | \$ 6200.00 |
| | | Part # | Manufacturer | | |
| 33 | 100ea. | 1324T22B | 1324 Tier 22 Polymer Traffic Meter Box | \$ 103.00 | \$ 10300.00 |
| | | Part # | Manufacturer | | |
| 34 | 100ea. | 1324T22L | 1324 Tier 22 Polymer Traffic Meter Box Lid | \$ 149.00 | \$ 14900.00 |
| | | Part # | Manufacturer | | |
| 35 | 50ea. | 1730T22B | 1730 Tier 22 Polymer Traffic Meter Box | \$ 130.80 | \$ 6540.00 |
| | | Part # | Manufacturer | | |
| 36 | 50ea. | 1730T22L | 1730 Tier 22 Polymer Traffic Meter Box Lid | \$ 172.00 | \$ 8600.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|---------------------------------|--------|-------------|-------------------------------|-----------|--------------|
| 37 | 200ea. | TRIB | Triangle Valve Box CI | \$ 87.50 | \$ 17500.00 |
| | | Part # | Manufacturer | | |
| 38 | 300ea. | TRIL | Triangle Valve Box Lid "L" CI | \$ 29.90 | \$ 8970.00 |
| | | Part # | Manufacturer | | |
| Group XII Subtotal (Items 1-38) | | | | | \$ 348705.75 |

GROUP XIII - MISCELLANEOUS METER ADAPTERS

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|--------|--------|---|-----------|-------------|
| 1 | 200ea. | 690C | | 1" X 12" Meter Setter Yoke Horizontal Mc Donald 28-412JXPP-44, Mueller 390B2434----N | \$ 184.50 | \$ 36900.00 |
| | | Part # | | Manufacturer | | |
| 2 | 200ea. | 690D | | 1" X 12" Meter Setter Yoke Vertical Mc Donald 38-412JXPP-44, Mueller 390B2440----N | \$ 165.50 | \$ 33100.00 |
| | | Part # | | Manufacturer | | |
| 3 | 50ea. | 728 | | 1' X 2" Straight Meter Spud Coupling Ford C38-44-2 Style A, McDonald 74624GK | \$ 11.77 | \$ 588.50 |
| | | Part # | | Manufacturer | | |
| 4 | 50ea. | 728A | | 1" X 2 1/2" Straight Meter Spud Coupling Ford C38-44-2.625, McDonald 74624GL | \$ 12.12 | \$ 606.00 |
| | | Part # | | Manufacturer | | |
| 5 | 50ea. | 728B | | 1" X 3" Straight Meter Spud Coupling Mc Donald 74620GM | \$ 15.95 | \$ 797.50 |
| | | Part # | | Manufacturer | | |
| 6 | 50ea. | 734 | | 1-1/2" FIPT Brass Meter Flange Ford CF31-66-NL | \$ 35.00 | \$ 1750.00 |
| | | Part # | | Manufacturer | | |

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|---------------------------------|-------|------|--------|---|-----------|------------|
| 7 | 50ea. | | 735 | 2" FIPT Brass Meter Flange Ford CF31-77-NL | \$ 45.73 | \$ 2286.50 |
| | | | | Part # | | |
| | | | | Manufacturer | | |
| Group XIII Subtotal (Items 1-7) | | | | | \$ | 76028.50 |

GROUP XIV - Insta-Tite & Misc (No Substitutions For This Group For Mueller)

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|---------|------|--------|--|-----------|-------------|
| 1 | 100ea. | | | 3/4" Adapter Nut Insta-Tite X Female Flare Mueller H15074 | \$ 19.15 | \$ 1915.00 |
| | | | Part # | Manufacturer | | |
| 2 | 100ea. | | | 3/4" Insta-Tite Straight Coupling Mueller H15406 | \$ 20.46 | \$ 2046.00 |
| | | | Part # | Manufacturer | | |
| 3 | 100ea. | | | 3/4" Adapter Straight Insta-Tite X MIPT Mueller H15424 | \$ 16.81 | \$ 1681.00 |
| | | | Part # | Manufacturer | | |
| 4 | 100ea. | | | 3/4" Adapter Straight Insta-Tite X FIPT Mueller H15457 | \$ 18.74 | \$ 1874.00 |
| | | | Part # | Manufacturer | | |
| 5 | 50ea | | 141B3Q | 3/4" Valve Corp Stop CC x Insta-Tite Mueller B25006 | \$ 52.08 | \$ 2604.00 |
| | | | Part # | Manufacturer | | |
| 6 | 1000ea. | | | 1" Adapter Nut Insta-Tite X Female Flare Mueller H15074 | \$ 29.25 | \$ 29250.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|---------------------------------|---------|----------------|---|-----------|-------------|
| 7 | 1000ea. | | 1" Insta-Tite Straight Coupling Mueller H15406 | \$ 23.48 | \$ 23480.00 |
| | | Part # | Manufacturer | | |
| 8 | 1000ea. | | 1" Adapter Straight Insta-Tite X MIPT Mueller H15424 | \$ 20.71 | \$ 20710.00 |
| | | Part # | Manufacturer | | |
| 9 | 1000ea. | | 1" Adapter Straight Insta-Tite X FIPT Mueller H15457 | \$ 26.83 | \$ 26830.00 |
| | | Part # | Manufacturer | | |
| 10 | 500ea. | 141B | 1" Valve Corp Stop CC x Insta-Tite Mueller B25006 | \$ 68.51 | \$ 34255.00 |
| | | Part # | Manufacturer | | |
| 11 | 200ea. | | 3/4" Valve Corp Stop CC x Flare Mueller H15000 | \$ 33.55 | \$ 6710.00 |
| | | Part # | Manufacturer | | |
| Group XIV Subtotal (Items 1-11) | | | | \$ | 151355.00 |

GROUP XV - Restraints - Domestic Products Only As Noted (DPO)

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|------------|--|--------------|-----------|------------|
| 1 | 200ea. | R1000-BK3 | 3" FLANGE BOLT KIT | Manufacturer | \$ 1.80 | \$ 360.00 |
| 2 | 200ea. | R1000-BK4 | 4" FLANGE BOLT KIT | Manufacturer | \$ 3.40 | \$ 680.00 |
| 3 | 100ea. | R1000-BK6 | 6" FLANGE BOLT KIT | Manufacturer | \$ 5.40 | \$ 540.00 |
| 4 | 100ea. | R1000-BK8 | 8" FLANGE BOLT KIT | Manufacturer | \$ 5.60 | \$ 560.00 |
| 5 | 40ea. | R1000-BK10 | 10/12" FLANGE BOLT KIT | Manufacturer | \$ 14.50 | \$ 580.00 |
| 6 | 120ea. | R1000-EZ3 | 3" EZ FIELD FLANGE EBAA 1000 Series DPO | Manufacturer | \$ 21.30 | \$ 2556.00 |
| 7 | 120ea. | R1000-EZ4 | 4" EZ FIELD FLANGE EBAA 1000 Series DPO | Manufacturer | \$ 28.80 | \$ 3456.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|---------------------|--|-----------|------------|
| 8 | 40ea. | R1000-EZ6 Part # | 6" EZ FIELD FLANGE EBAA 1000 Series DPO Manufacturer | \$ 31.00 | \$ 1240.00 |
| 9 | 40ea. | R1000-EZ8 Part # | 8" EZ FIELD FLANGE EBAA 1000 Series DPO Manufacturer | \$ 42.25 | \$ 1690.00 |
| 10 | 25ea. | R1001D Part # | 3" Megalug for ductile iron pipe EBAA 1100 Series DPO Manufacturer | \$ 27.35 | \$ 683.75 |
| 11 | 20ea. | R1002D Part # | 4" Megalug for ductile iron pipe EBAA 1100 Series DPO Manufacturer | \$ 29.69 | \$ 593.80 |
| 12 | 50ea. | R1003D Part # | 6" Megalug for ductile iron pipe EBAA 1100 Series DPO Manufacturer | \$ 36.94 | \$ 1847.00 |
| 13 | 100ea. | R1004D Part # | 8" Megalug for ductile iron pipe EBAA 1100 Series DPO Manufacturer | \$ 50.13 | \$ 5013.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|------------|
| 14 | 25ea. | R1005D | 10" Megalug for ductile iron pipe EBAA 1100 Series DPO | \$ 71.63 | \$ 1790.75 |
| | | Part # | Manufacturer | | |
| 15 | 50ea. | R1006D | 12" Megalug for ductile iron pipe EBAA 1100 Series DPO | \$ 96.00 | \$ 4800.00 |
| | | Part # | Manufacturer | | |
| 16 | 25ea. | R1002P | 4" Megalug for C-900 pipe EBAA 1100 Series DPO | \$ 34.00 | \$ 850.00 |
| | | Part # | Manufacturer | | |
| 17 | 100ea. | R1003P | 6" Megalug for C-900 pipe EBAA 1100 Series DPO | \$ 43.00 | \$ 4300.00 |
| | | Part # | Manufacturer | | |
| 18 | 100ea. | R1004P | 8" Megalug for C-900 pipe EBAA 1100 Series DPO | \$ 58.00 | \$ 5800.00 |
| | | Part # | Manufacturer | | |
| 19 | 20ea. | R1005P | 10" Megalug for C-900 pipe EBAA 1100 Series DPO | \$ 100.00 | \$ 2000.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|------------|
| 20 | 50ea. | R1006P | 12" Megalug for C-900 pipe EBAA 1100 Series DPO Part # Manufacturer | \$ 105.40 | \$ 5270.00 |
| 21 | 100ea. | R1000-3 | 3" MJ Accessory Pack ROMAC 3-MJAP-CI DPO Part # Manufacturer | \$ 16.25 | \$ 1625.00 |
| 22 | 100ea. | R1000-4 | 4" MJ Accessory Pack ROMAC 4-MJAP-CI DPO Part # Manufacturer | \$ 18.36 | \$ 1836.00 |
| 23 | 100ea. | R1000-6 | 6" MJ Accessory Pack ROMAC 6-MJAP-CI DPO Part # Manufacturer | \$ 21.18 | \$ 2118.00 |
| 24 | 50ea. | R1000-8 | 8" MJ Accessory Pack ROMAC 8-MJAP-CI DPO Part # Manufacturer | \$ 24.00 | \$ 1200.00 |
| 25 | 50ea. | R1000-10 | 10" MJ Accessory Pack ROMAC 10-MJAP-CI DPO Part # Manufacturer | \$ 31.78 | \$ 1589.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|--------------------------------|-------|-------------|-----------------------|-----------|-------------|
| 26 | 50ea. | R1000-12 | 12" MJ Accessory Pack | | |
| | | | ROMAC 12-MJAP-CI DPO | \$ 33.20 | \$ 1660.00 |
| | | Part # | Manufacturer | | |
| Group XV Subtotal (Items 1-26) | | | | \$ | \$ 54638.30 |

GROUP XVI - RED HEAD ADAPTERS

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|--------|--------|---|-----------|------------|
| 1 | 50ea. | 125 | | 1" ADAPTER LEAD FLANGE X COMP (1-5/64 x 14 x 1) Red Head 45032 | \$ 50.25 | \$ 2512.50 |
| | | Part # | | Manufacturer | | |
| 2 | 50ea. | 125A | | 1" ADAPTER LEAD FLANGE X COMP (1-1/2 x 12 x 1) Red Head 445136 | \$ 54.26 | \$ 2713.00 |
| | | Part # | | Manufacturer | | |
| 3 | 50ea. | 125B | | 1" ADAPTER LEAD FLANGE X COMP (1-3/8 x 14 x 1) Red Head 445164 | \$ 60.59 | \$ 3029.50 |
| | | Part # | | Manufacturer | | |
| 4 | 50ea. | 125C | | 1" ADAPTER LEAD FLANGE X COMP (1-11/21 x 14 x 1) Red Head 445157 | \$ 47.72 | \$ 2386.00 |
| | | Part # | | Manufacturer | | |
| 5 | 50ea. | 125D | | 1" ADAPTER LEAD FLANGE X COMP (1-5/64 x 14 x 1) Red Head 445165 | \$ 48.52 | \$ 2426.00 |
| | | Part # | | Manufacturer | | |
| 6 | 50ea. | 125E | | 1" ADAPTER LEAD FLANGE X COMP (1-3/4 x 14 x 1) Red Head 445158 | \$ 62.44 | \$ 3122.00 |
| | | Part # | | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|--------------------------------|-------|-------------|--|-----------|-------------|
| 7 | 50ea. | 125F | 1" ADAPTER LEAD FLANGE X COMP (1-31/64 x 11-1/2 x 1) Red Head 445166 | \$ 54.26 | \$ 2713.00 |
| | | Part # | Manufacturer | | |
| 8 | 50ea. | 125G | 1" ADAPTER LEAD FLANGE X COMP (2-5/64 x 14 x 1) AY McDonald 74742LFT1 | \$ 45.64 | \$ 2282.00 |
| | | Part # | Manufacturer | | |
| Group XVI Subtotal (Items 1-8) | | | | | \$ 21184.00 |

GROUP XVII - FITTINGS, REDUCERS, ADAPTERS AND SPOOLS

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|--------|--|-------------|-----------|-----------|
| 1 | 10ea. | 0311 | 3" FITTING ELL CI 11.25 DEGREE FL | | \$ 35.20 | \$ 352.00 |
| | | Part # | Manufacturer | | | |
| 2 | 10ea. | 0311A | 3" FITTING ELL CI 11.25 DEGREE MJ | | \$ 20.25 | \$ 202.50 |
| | | Part # | Manufacturer | | | |
| 3 | 10ea. | 0322 | 3" FITTING ELL CI 22.5 DEGREE FLG | | \$ 31.48 | \$ 314.80 |
| | | Part # | Manufacturer | | | |
| 4 | 10ea. | 0322B | 3" FITTING ELL CI 22.5 DEGREE FLG X MJ | | \$ 69.65 | \$ 696.50 |
| | | Part # | Manufacturer | | | |
| 5 | 20ea. | 0345 | 3" FITTING ELL CI 45 DEGREE FLG | | \$ 27.85 | \$ 557.00 |
| | | Part # | Manufacturer | | | |
| 6 | 20ea. | 0345A | 3" FITTING ELL CI 45 DEGREE MJ | | \$ 27.75 | \$ 555.00 |
| | | Part # | Manufacturer | | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--------------------------------------|-----------|-----------|
| 7 | 20ea. | 0345B | 3" FITTING ELL CI 45 DEGREE FLG X MJ | \$ 40.25 | \$ 805.00 |
| | | Part # | Manufacturer | | |
| 8 | 20ea. | 0390 | 3" PITTING ELL CI 90 DEGREE FLG | \$ 39.90 | \$ 798.00 |
| | | Part # | Manufacturer | | |
| 9 | 20ea. | 0390A | 3" FITTING ELL CI 90 DEGREE MJ | \$ 31.10 | \$ 622.00 |
| | | Part # | Manufacturer | | |
| 10 | 20ea. | 0390B | 3" FITTING ELL CI 90 DEGREE FLG X MJ | \$ 33.80 | \$ 676.00 |
| | | Part # | Manufacturer | | |
| 11 | 10ea. | 03A | 3" FITTING SLEEVE CI MJ | \$ 26.00 | \$ 260.00 |
| | | Part # | Manufacturer | | |
| 12 | 10ea. | 03B | 3" FITTING ADAPTER CI FL X MJ | \$ 27.75 | \$ 277.50 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|-------|----------------|--------------------------------------|-----------|-----------|
| 13 | 10ea. | 0403 | 4" X 3" FITTING REDUCER CI FLG | \$ 42.25 | \$ 422.50 |
| | | Part # | Manufacturer | | |
| 14 | 10ea. | 0403B | 4" X 3" FITTING REDUCER CI FLG X MJ | \$ 63.10 | \$ 631.00 |
| | | Part # | Manufacturer | | |
| 15 | 10ea. | 040390 | 4" X 3" FITTING ELL CI 90 DEGREE FLG | \$ 50.75 | \$ 507.50 |
| | | Part # | Manufacturer | | |
| 16 | 10ea. | 0411 | 4" FITTING ELL CI 11.25 DEGREE FL | \$ 65.95 | \$ 659.50 |
| | | Part # | Manufacturer | | |
| 17 | 10ea. | 0411A | 4" FITTING ELL CI 11.25 DEGREE MJ | \$ 25.35 | \$ 253.50 |
| | | Part # | Manufacturer | | |
| 18 | 10ea. | 0422 | 4" FITTING ELL CI 22.5 DEGREE FLG | \$ 54.80 | \$ 548.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--|-----------|------------|
| 19 | 10ea. | 0422A | 4" FITTING ELL CI 22.5 DEGREE MJ Part # _____ Manufacturer | \$ 26.40 | \$ 264.00 |
| 20 | 10ea. | 0422B | 4" PITTING ELL CI 22.5 DEGREE FLG X MJ Part # _____ Manufacturer | \$ 53.45 | \$ 534.50 |
| 21 | 20ea. | 0445 | 4" FITTING ELL CI 45 DEGREE FLG Part # _____ Manufacturer | \$ 55.15 | \$ 1103.00 |
| 22 | 20ea. | 0445A | " FITTING ELL CI 45 DEGREE MJ Part # _____ Manufacturer | \$ 27.75 | \$ 555.00 |
| 23 | 20ea. | 0445B | 4" FITTING ELL CI 45 DEGREE FLG X MJ Part # _____ Manufacturer | \$ 41.60 | \$ 832.00 |
| 24 | 20ea. | 0490 | 4" FITTING ELL CI 90 DEGREE FLG Part # _____ Manufacturer | \$ 61.90 | \$ 1238.00 |

| ITEM NO. | CITY PART # | QTY | DESCRIPTION | UNIT COST | EXTENSION |
|-------------|----------------|-------|--|-----------|------------|
| 25 | 0490A | 20ea. | 4" FITTING ELL CI 90 DEGREE MJ Part # _____ Manufacturer _____ | \$ 33.50 | \$ 670.00 |
| 26 | 0490B | 20ea. | 4" FITTING ELL CI 90 DEGREE FLG X MJ Part # _____ Manufacturer _____ | \$ 38.25 | \$ 765.00 |
| 27 | 04A | 10ea. | 4" FITTING SLEEVE CI MJ Part # _____ Manufacturer _____ | \$ 65.20 | \$ 652.00 |
| 28 | 04B | 10ea. | 4" FITTING ADAPTER CI FL X MJ Part # _____ Manufacturer _____ | \$ 31.80 | \$ 318.00 |
| 29 | 0604A | 10ea. | 6" X 4" FITTING REDUCER CI MJ Part # _____ Manufacturer _____ | \$ 31.80 | \$ 318.00 |
| 30 | 0604B | 10ea. | 6" X 4" FITTING REDUCER CI FLG X MJ Part # _____ Manufacturer _____ | \$ 150.00 | \$ 1500.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--|-----------|------------|
| 31 | 10ea. | 0611 | 6" FITTING ELL CI 11.25 DEGREE FL | \$ 102.50 | \$ 1025.00 |
| | | Part # | Manufacturer | | |
| 32 | 10ea. | 0611A | 6" FITTING ELL CI 11.25 DEGREE MJ | \$ 42.25 | \$ 422.50 |
| | | Part # | Manufacturer | | |
| 33 | 10ea. | 0622 | 6" FITTING ELL CI 22.5 DEGREE FLG | \$ 81.20 | \$ 812.00 |
| | | Part # | Manufacturer | | |
| 34 | 10ea. | 0622A | 6" FITTING ELL CI 22.5 DEGREE MJ | \$ 40.60 | \$ 406.00 |
| | | Part # | Manufacturer | | |
| 35 | 10ea. | 0622B | 6" FITTING ELL CI 22.5 DEGREE FLG X MJ | \$ 68.30 | \$ 683.00 |
| | | Part # | Manufacturer | | |
| 36 | 10ea. | 0645 | 6" FITTING ELL CI 45 DEGREE FLG | \$ 85.25 | \$ 852.50 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--------------------------------------|-----------|-----------|
| 37 | 10ea. | 0645A | 6" FITTING ELL CI 45 DEGREE MJ | \$ 44.65 | \$ 446.50 |
| | | Part # | Manufacturer | | |
| 38 | 10ea. | 0645B | 6" PITTING ELL CI 45 DEGREE FLG X MJ | \$ 60.90 | \$ 609.00 |
| | | Part # | Manufacturer | | |
| 39 | 10ea. | 0690 | 6" FITTING ELL CI 90 DEGREE FLG | \$ 95.70 | \$ 957.00 |
| | | Part # | Manufacturer | | |
| 40 | 10ea. | 0690A | 6" FITTING ELL CI 90 DEGREE MJ | \$ 54.80 | \$ 548.00 |
| | | Part # | Manufacturer | | |
| 41 | 10ea. | 0690B | 6" FITTING ELL CI 90 DEGREE FLG X MJ | \$ 67.65 | \$ 676.50 |
| | | Part # | Manufacturer | | |
| 42 | 10ea. | 06A | 6" FITTING SLEEVE CI MJ | \$ 49.75 | \$ 497.50 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--------------------------------------|-----------|------------|
| 43 | 10ea. | 06B | 6" FITTING ADAPTER CI FL X MJ | | |
| | | Part # | Manufacturer | \$ 44.00 | \$ 440.00 |
| 44 | 10ea. | 0845 | 8" FITTING ELL CI 45 DEGREE FLG | | |
| | | Part # | Manufacturer | \$ 129.55 | \$ 1295.50 |
| 45 | 10ea. | 0845A | 8" FITTING ELL CI 45 DEGREE MJ | | |
| | | Part # | Manufacturer | \$ 65.00 | \$ 650.00 |
| 46 | 10ea. | 0845B | 8" FITTING ELL CI 45 DEGREE FLG X MJ | | |
| | | Part # | Manufacturer | \$ 117.00 | \$ 1170.00 |
| 47 | 10ea. | 0890 | 8" FITTING ELL CI 90 DEGREE FLG | | |
| | | Part # | Manufacturer | \$ 157.00 | \$ 1570.00 |
| 48 | 10ea. | 0890A | 8" FITTING ELL CI 90 DEGREE MJ | | |
| | | Part # | Manufacturer | \$ 79.50 | \$ 795.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|------------|
| 49 | 10ea. | 0890B | 8" FITTING ELL CI 90 DEGREE FLG X MJ | \$ 117.00 | \$ 1170.00 |
| | | Part # | Manufacturer | | |
| 50 | 10ea. | 08A | 8" FITTING SLEEVE CI MJ | \$ 80.50 | \$ 805.00 |
| | | Part # | Manufacturer | | |
| 51 | 10ea. | 08B | 8" FITTING ADAPTER CI FL X MJ | \$ 66.30 | \$ 663.00 |
| | | Part # | Manufacturer | | |
| 52 | 20ea. | 470WR3 | 3" X 6 3/4" EPOXY LINED AND COATED STEEL SPOOL, W/ 2" FIPT TEE, FLG X FLG | \$ 236.95 | \$ 4739.00 |
| | | Part # | Manufacturer | | |
| 53 | 20ea. | 470WR4 | 4" X 6 3/4" EPOXY LINED AND COATED STEEL SPOOL, W/ 2" FIPT TEE, FLG X FLG | \$ 282.60 | \$ 5652.00 |
| | | Part # | Manufacturer | | |
| 54 | 20ea. | 470WL3 | 3" X 36" DI-SPOOL FLG X PE (WR) | \$ 220.28 | \$ 4405.60 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------------------------------|-------|----------------|---|-----------|-------------|
| 55 | 20ea. | 470W3 | 3" X 24" DI-SPOOL FLG X FLG (WR) | | |
| | | Part # | Manufacturer | \$ 209.82 | \$ 4196.40 |
| 56 | 20ea. | 470WL4 | 4" X 36" DI-SPOOL FLG X PE (WR) | | |
| | | Part # | Manufacturer | \$ 153.79 | \$ 3075.80 |
| 57 | 20ea. | 470W4 | 4" X 24" DI-SPOOL FLG X FLG (WR) | | |
| | | Part # | Manufacturer | \$ 173.09 | \$ 3461.80 |
| 58 | 20ea. | 470WR6 | 6" X 6 3/4" EPOXY LINED AND COATED STEEL SPOOL, W/ 2" FIPT TEE, FLG X FLG | | |
| | | Part # | Manufacturer | \$ 381.52 | \$ 7630.40 |
| 59 | 20ea. | 470WR8 | 8" X 7" EPOXY LINED AND COATED STEEL SPOOL, W/ 2" FIPT TEE, FLG X FLG | | |
| | | Part # | Manufacturer | \$ 478.26 | \$ 9565.20 |
| Group XVII Subtotal (Items 1-59) | | | | | \$ 77108.00 |

GROUP XVIII- SEWER PARTS

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--|-----------|------------|
| 1 | 200ea | PTI-P1213 | 4" Spigot Adapter PVC-ABS PTI-P1213, MULTIFITTINGS-040728 | \$ 8.50 | \$ 1700.00 |
| | | Part # | Manufacturer | | |
| 2 | 300ea | 910 BOX | Carson Clean-out Box - Green - SEWER Carson 910-10 | 7.20 | 2160.00 |
| | | Part # | Manufacturer | | |
| 3 | 50ea | 910 LID | Carson Clean-out lids - Green - SEWER Carson 910-4 | 5.20 | 1560.00 |
| | | Part # | Manufacturer | | |
| 4 | 500ea | 0924245 | Coupling Plastic 4" Fernco #1056-44 | 3.75 | 1875.00 |
| | | Part # | Manufacturer | | |
| 5 | 500ea | 0926245 | Coupling Plastic 6" Fernco #1056-66 | 8.00 | 4000.00 |
| | | Part # | Manufacturer | | |
| 6 | 100ea | 0928245 | Coupling Plastic 8" Fernco #1056-88 | 12.35 | 1235.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|---|-----------|------------|
| 7 | 400ea | 0924105 | Coupling Clay-Plastic 4" Fernco #1002-44WC Part # Manufacturer | \$ 3.75 | \$ 1500.00 |
| 8 | 400ea | 0926105 | Coupling Clay-Plastic 6" Fernco #1002-66WC Part # Manufacturer | \$ 8.00 | \$ 3200.00 |
| 9 | 200ea | 0928105 | Coupling Clay-Plastic 8" Fernco #1002-88WC Part # Manufacturer | \$ 12.35 | \$ 2470.00 |
| 10 | 100ea | 0924225 | Coupling AC/DI X CI/PL 4" Fernco #1051-44 Part # Manufacturer | \$ 4.05 | \$ 405.00 |
| 11 | 100ea | 0926225 | Coupling AC/DI X CI/PL 6" Fernco #1051-66 Part # Manufacturer | \$ 8.65 | \$ 865.00 |
| 12 | 100ea | 0928225 | Coupling AC/DI X CI/PL 8" Fernco #1051-88 Part # Manufacturer | \$ 13.35 | \$ 1335.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|----------------|---|-----------|------------|
| 13 | 100ea | 0926065 | Coupling Clay 6" Fernco #1001-66WC Part # Manufacturer | \$ 8.65 | \$ 865.00 |
| 14 | 100ea | 0928105 | Coupling Clay 8" Fernco #1001-88WC Part # Manufacturer | \$ 13.35 | \$ 1335.00 |
| 15 | 200ea | 0924022 | Coupling 4" ABS Mueller A-100, NIBCO AFTC4 Part # Manufacturer | \$ 3.45 | \$ 690.00 |
| 16 | 400ea | 18090930680000 | Plug Mechanical 4" Cherne 270-245, GP4 Part # Manufacturer | \$ 5.55 | \$ 2220.00 |
| 17 | 100ea | 18090930530000 | Plug Mechanical 6" Cherne 270-261, GP6 Part # Manufacturer | \$ 15.00 | \$ 1500.00 |
| 18 | 20ea | 18090930830000 | Plug Mechanical 8" Cherne 270-270, GP8 Part # Manufacturer | \$ 28.55 | \$ 571.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|---------------------------|---|-----------|------------|
| 19 | 100ea | 25100007500000 Part # | Tee PVC 6 X 4 PTI # G106-4, MULTI-FITTING PSFTG64 Manufacturer | \$ 23.96 | \$ 2396.00 |
| 20 | 100ea | 251011707500000 Part # | Wye PVC 6 X 4 PTI # G306-4, MULTI-FITTING PSFWYEG64 Manufacturer | \$ 24.68 | \$ 2468.00 |
| 21 | 100ea | 25100008800000 Part # | Tee PVC 8 X 4 PTI # G108-4, MULTI-FITTING PSFTG84 Manufacturer | \$ 37.02 | \$ 3702.00 |
| 22 | 100ea | 251011708800000 Part # | Wye PVC 8 X 4 PTI # G308-4, MULTI-FITTING PSFWYEG84 Manufacturer | \$ 36.82 | \$ 3682.00 |
| 23 | 200ea | 251600005907200 Part # | Wye Long Turn Tee 4" ABS Mueller # A-501, NIBCO AFTCOMB4 Manufacturer | \$ 18.72 | \$ 3744.00 |
| 24 | 200ea | 251611705900000 Part # | Wye 4" ABS Mueller # A-600, AFTY4 Manufacturer | \$ 14.77 | \$ 2954.00 |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-----------------------------------|----------|-----------------|---|-----------|--------------|
| 25 | 200ea | 3424320 | Bend 11 1/4 PVC 4" HXH Spears # 411-040BC, PFF14 Part # _____ Manufacturer _____ | \$ 11.50 | \$ 2300.00 |
| 26 | 100ea | 3424270 | Bend 45 degree 4" ABS Mueller # A-321, NIBCO AFT44 Part # _____ Manufacturer _____ | \$ 6.73 | \$ 673.00 |
| 27 | 100ea | 3424279 | Bend 45 degree Street 4" ABS Mueller # A-323, NIBCO AFTS44 Part # _____ Manufacturer _____ | \$ 6.25 | \$ 625.00 |
| 28 | 100ea | 3424240 | Bend 22 degree 4" ABS Charlotte # 324, NIBCO AFT24 Part # _____ Manufacturer _____ | \$ 6.28 | \$ 628.00 |
| 29 | 15,000ft | 171600005300000 | Pipe 4" ABS Solid Core Plastic Services ABPSC4 Part # _____ Manufacturer _____ | \$ 3.85 | \$ 57750.00 |
| Group XVIII Subtotal (Items 1-29) | | | | | \$ 110408.00 |

GROUP XIX - HYDRANTS - (Mueller A423, Kennedy K81D or Equivalent)

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|------|--------------|-----------------------------------|------------|--------------|
| 1 | 12ea | 909 | Part # | 6" HYDRANT OL XTRA-SHORT 24" BURY | \$ 1380.00 | \$ 16560.00 |
| | | | Manufacturer | | | |
| 2 | 100ea | 900 | Part # | 6" HYDRANT OL SHORT 30" BURY | \$ 1451.00 | \$ 145100.00 |
| | | | Manufacturer | | | |
| 3 | 100ea | 905 | Part # | 6" HYDRANT OL STD 42" BURY LF | \$ 1520.00 | \$ 152000.00 |
| | | | Manufacturer | | | |
| 4 | 12ea | 915 | Part # | 6" HYDRANT OL STD 54" BURY LF | \$ 1585.00 | \$ 19020.00 |
| | | | Manufacturer | | | |
| 5 | 12ea | 903 | Part # | 8" HYDRANT OL SHORT 30" BURY LF | \$ 1440.00 | \$ 17280.00 |
| | | | Manufacturer | | | |
| 6 | 25ea | 910 | Part # | 8" HYDRANT OL STD 42" BURY LF | \$ 1565.00 | \$ 39125.00 |
| | | | Manufacturer | | | |

| ITEM NO. | QTY | CITY PART # Part # | DESCRIPTION Manufacturer | UNIT COST | EXTENSION |
|--------------------------------|------|-----------------------|---|------------|--------------|
| 7 | 12ea | 935 | 8" HYDRANT OL STD 54" BURY LF | \$ 1655.00 | \$ 19860.00 |
| | | Part # | Manufacturer | | |
| 8 | 25ea | | 6" Extension Kit for Quoted Hydrants 1-7 | \$ 350.00 | \$ 8750.00 |
| | | Part # | Manufacturer | | |
| 9 | 25ea | | 12" Extension Kit for Quoted Hydrants 1-7 | \$ 420.00 | \$ 10500.00 |
| | | Part # | Manufacturer | | |
| Group XIX Subtotal (Items 1-9) | | | | | \$ 428195.00 |

GROUP XX - BACKFLOW, AIR RELEASE, and INFLOW PREVENTER VALVES

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|------|-----------|----------------------------|-------------------------|-----------|-------------|
| 1 | 25ea | 975XL2075 | 3/4" WILKINS 975XL2 | 3/4" RP BACKFLOW ASSY | \$ 301.00 | \$ 7525.00 |
| | | Part # | Manufacturer | | | |
| 2 | 50ea | 975XL2100 | 1" WILKINS 975XL2 | 1" RP BACKFLOW ASSY | \$ 317.00 | \$ 15850.00 |
| | | Part # | Manufacturer | | | |
| 3 | 25ea | 975XL2125 | 1-1/4" WILKINS 975XL2 | 1-1/4" RP BACKFLOW ASSY | \$ 544.00 | \$ 13600.00 |
| | | Part # | Manufacturer | | | |
| 4 | 50ea | 975XL2150 | 1-1/2" WILKINS 975XL2 | 1-1/2" RP BACKFLOW ASSY | \$ 550.00 | \$ 27500.00 |
| | | Part # | Manufacturer | | | |
| 5 | 50ea | 975XL2200 | 2" WILKINS 975XL2 | 2" RP BACKFLOW ASSY | \$ 610.00 | \$ 30500.00 |
| | | Part # | Manufacturer | | | |
| 6 | 50ea | 344H | 1" COMBO AIR RELEASE VALVE | APCO 143C.1 | \$ 335.00 | \$ 16750.00 |
| | | Part # | Manufacturer | | | |
| 7 | 50ea | 344I | 2" COMBO AIR RELEASE VALVE | APCO 145C.1 | \$ 507.00 | \$ 25350.00 |
| | | Part # | Manufacturer | | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--|------------|--------------|
| 8 | 25ea | 344J | 3" COMBO AIR RELEASE VALVE APCO 147C.1 | \$ 900.00 | \$ 22500.00 |
| | | Part # | Manufacturer | | |
| 9 | 25ea | 344K | 4" COMBO AIR RELEASE VALVE APCO 149C.1 | \$ 1200.00 | \$ 30000.00 |
| | | Part # | Manufacturer | | |
| 10 | 10ea | 344L | 6" COMBO AIR RELEASE VALVE APCO 150C.1 | \$ 2150.00 | \$ 21500.00 |
| | | Part # | Manufacturer | | |
| 11 | 100ea | 1301 | 1" VAL-MATIC FLOOD SAFE INFLOW PREVENTER VAL-MATIC # 1301 | \$ 966.00 | \$ 9660.00 |
| | | Part # | Manufacturer | | |
| 12 | 100ea | 1302 | 2" VAL-MATIC FLOOD SAFE INFLOW PREVENTER VAL-MATIC # 1302 | \$ 1142.00 | \$ 114200.00 |
| | | Part # | Manufacturer | | |
| 13 | 25ea | 1303 | 3" VAL-MATIC FLOOD SAFE INFLOW PREVENTER VAL-MATIC # 1303 | \$ 1932.00 | \$ 48300.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|-------------|--|------------|-------------|
| 14 | 25ea | 1304 | 4" VAL-MATIC FLOOD SAFE INFLOW PREVENTER VAL-MATIC # 1304 | \$ 2216.00 | \$ 55400.00 |
| | | Part # | Manufacturer | | |
| 15 | 10ea | 1306 | 6" VAL-MATIC FLOOD SAFE INFLOW PREVENTER VAL-MATIC # 1306 | 3977.00 | \$ 39770.00 |
| | | Part # | Manufacturer | | |
| 16 | 100ea | | 1" VAL-MATIC WALL BRACKET VAL-MATIC # SPK-1301-80 | 96.50 | \$ 9650.00 |
| | | Part # | Manufacturer | | |
| 17 | 100ea | | 2" VAL-MATIC WALL BRACKET VAL-MATIC # SPK-1302-80 | 142.00 | \$ 14200.00 |
| | | Part # | Manufacturer | | |
| 18 | 25ea | | 3" VAL-MATIC WALL BRACKET VAL-MATIC # SPK-1303-80 | 170.00 | \$ 4250.00 |
| | | Part # | Manufacturer | | |
| 19 | 25ea | | 4" VAL-MATIC WALL BRACKET VAL-MATIC # SPK-1304-80 | 176.00 | \$ 4400.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|--------------------------------|------|-------------|--|-----------|------------|
| 20 | 10ea | | 6" VAL-MATIC WALL BRACKET VAL-MATIC # SPK-1306-80 | \$ 176.00 | \$ 1760.00 |
| | | Part # | Manufacturer | | |
| Group XX Subtotal (Items 1-20) | | | | \$ | 512665.00 |

GROUP XXI - PIPE - DRAINAGE, WASTE WATER

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|---------------------------------------|--------|-------------|----------------|-----------|-------------|
| 1 | 2000ft | 440 | 6" PIPE SDR35 | \$ 2.00 | \$ 4000.00 |
| | | Part # | Manufacturer | | |
| 2 | 6000ft | 441 | 8" PIPE SDR35 | \$ 3.59 | \$ 21540.00 |
| | | Part # | Manufacturer | | |
| 3 | 2000ft | N/A | 10" PIPE SDR35 | \$ 5.64 | \$ 11280.00 |
| | | Part # | Manufacturer | | |
| 4 | 1000ft | N/A | 12" PIPE SDR35 | \$ 8.09 | \$ 8090.00 |
| | | Part # | Manufacturer | | |
| 5 | 600ft | N/A | 15" PIPE SDR35 | \$ 12.04 | \$ 7224.00 |
| | | Part # | Manufacturer | | |
| 6 | 600ft | N/A | 18" PIPE SDR35 | \$ 19.50 | \$ 11700.00 |
| | | Part # | Manufacturer | | |
| Group XXI Subtotal (Items 1-6) | | | | \$ | \$ 63834.00 |

GROUP XXII - CLAY PIPE, TEES, WYES, BENDS

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|------|------------------|-------------------------------|-----------|------------|
| 1 | 200ft | | | PIPE CLAY 6", BAND SEAL, WC | | |
| | | | <u>100011165</u> | <u>GLADDING MCBEAN</u> | \$ 4.32 | \$ 864.00 |
| | | | Part # | Manufacturer | | |
| 2 | 200ft | | | PIPE CLAY 8", BAND SEAL, WC | | |
| | | | <u>100011293</u> | <u>GLADDING MCBEAN</u> | \$ 4.81 | \$ 962.00 |
| | | | Part # | Manufacturer | | |
| 3 | 100ft | | | PIPE CLAY 10", BAND SEAL, WC | | |
| | | | <u>100054494</u> | <u>GLADDING MCBEAN</u> | \$ 6.35 | \$ 635.00 |
| | | | Part # | Manufacturer | | |
| 4 | 50ea | | | TEE CLAY 6 X 4, BAND SEAL, WC | | |
| | | | <u>100011180</u> | <u>GLADDING MCBEAN</u> | \$ 45.95 | \$ 2297.50 |
| | | | Part # | Manufacturer | | |
| 5 | 50ea | | | TEE CLAY 8 X 4, BAND SEAL, WC | | |
| | | | <u>100011285</u> | <u>GLADDING MCBEAN</u> | \$ 82.85 | \$ 4142.35 |
| | | | Part # | Manufacturer | | |
| 6 | 50ea | | | WYE 6 X 4 CLAY, BAND SEAL, WC | | |
| | | | <u>100011178</u> | <u>GLADDING MCBEAN</u> | \$ 48.50 | \$ 2425.00 |
| | | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------------------------------|------|-------------|---|-----------|------------|
| 7 | 50ea | | WYE 8 X4 CLAY, BAND SEAL, WC | | |
| | | 100011294 | GLADDING MCBEAN | \$ 54.73 | \$ 2736.50 |
| | | Part # | Manufacturer | | |
| 8 | 10ea | | BEND, 6", CLAY, 22 1/2 °, BAND SEAL, WC | | |
| | | 100011176 | GLADDING MCBEAN | 49.97 | 499.70 |
| | | Part # | Manufacturer | | |
| 9 | 10ea | | BEND, 6", CLAY, 45 °, BAND SEAL, WC | | |
| | | 100011173 | GLADDING MCBEAN | 44.82 | 448.20 |
| | | Part # | Manufacturer | | |
| 10 | 10ea | | BEND, 8", CLAY, 45 °, BAND SEAL, WC | | |
| | | 100011228 | GLADDING MCBEAN | 61.07 | 610.70 |
| | | Part # | Manufacturer | | |
| Group XXII Subtotal (Items 1-10) | | | | \$ | 15620.95 |

GROUP XXIII - MANHOLE and DRAINS

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|-------------|
| 1 | 25ea. | | FRAME HEAD 6 3/4" (FOR 26" LID) SBF1920F | 200.00 | \$ 5000.00 |
| | | Part # | Manufacturer | | |
| 2 | 100ea. | | LID 26" SAND FINISH (POCOS) SBF1920 SAND | 167.00 | \$ 16700.00 |
| | | Part # | Manufacturer | | |
| 3 | 50ea. | | A-BOX FRAME CURB STYLE 3 SIDED 24" SBF 1903,D&L I-3533 | 135.00 | \$ 6750.00 |
| | | Part # | Manufacturer | | |
| 4 | 50ea. | | A-BOX FRAME CURB STYLE 4 SIDED 24" SBF 1909,D&L I-3534 | 155.00 | \$ 7750.00 |
| | | Part # | Manufacturer | | |
| 5 | 50ea. | | A-BOX HOOD CURB STYLE 24" SBF 1903,D&L I-3532 | 163.00 | \$ 8150.00 |
| | | Part # | Manufacturer | | |
| 6 | 300ea. | | A-BOX GRATE 24" X 15 3/4" w/ CHAIN (POCOS) SBF 1903,D&L I-3537 | 173.00 | \$ 51900.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|--------|-------------|---|-----------|-------------|
| 7 | 100ea. | | B-BOX FRAME CURB STYLE 40" SBF 1904,D&L I-3542 | \$ 141.00 | \$ 14100.00 |
| | | Part # | Manufacturer | | |
| 8 | 50ea. | | B-BOX HOOD CURB STYLE 40" SBF 1904,D&L I-3541 | \$ 159.00 | \$ 7950.00 |
| | | Part # | Manufacturer | | |
| 9 | 100ea. | | B-BOX GRATE 40" CURB STYLE (POCOS) SBF 1904,D&L I-3543 | \$ 170.00 | \$ 17000.00 |
| | | Part # | Manufacturer | | |
| 10 | 50ea. | | #22 DRAIN BOX 8" WITH TRAP and Lid D&L I-4145 | \$ 362.00 | \$ 18100.00 |
| | | Part # | Manufacturer | | |
| 11 | 25ea. | | 1.5"x26" CI GRADE RING D&L G-2101 | \$ 174.00 | \$ 4350.00 |
| | | Part # | Manufacturer | | |
| 12 | 25ea. | | 2.5"x26" CI GRADE RING D&L G-2103 | \$ 124.00 | \$ 3100.00 |
| | | Part # | Manufacturer | | |

| ITEM NO. | QTY | CITY PART # | DESCRIPTION | UNIT COST | EXTENSION |
|-----------------------------------|-------|-------------|------------------------------------|-----------|------------|
| 13 | 25ea. | | 3"x26" CI GRADE RING D&L G-2104 | \$ 206.00 | \$ 5150.00 |
| | | Part # | Manufacturer | | |
| Group XXIII Subtotal (Items 1-13) | | | | \$ | 166000.00 |

GROUP XXIV - KRAUSZ COUPLINGS & CLAMPS (No substitutions for this group for KRAUSZ)

| ITEM NO. | QTY | CITY | PART # | DESCRIPTION | UNIT COST | EXTENSION |
|----------|-------|--------|--------|--|-----------|------------|
| 1 | 40ea. | 600A | | 6" Hymax Extended Range Coupling 6.42-7.68" Krausz 860-54-0163-16 | \$ 196.00 | \$ 7840.00 |
| | | Part # | | Manufacturer | | |
| 2 | 10ea. | 600B | | 6" EZ-MAX Repair Clamp 6.60-7.40" Krausz 222-56-0167-10W | \$ 123.00 | \$ 1230.00 |
| | | Part # | | Manufacturer | | |
| 3 | 10ea. | 600C | | 6" VERSA Repair Clamp 6.42-7.68" Krausz 283-56-0163-16 | \$ 284.00 | \$ 2840.00 |
| | | Part # | | Manufacturer | | |
| 4 | 40ea. | 800A | | 8" Hymax Extended Range Coupling 8.54-9.84" Krausz 860-54-0217-16 | \$ 221.00 | \$ 8840.00 |
| | | Part # | | Manufacturer | | |
| 5 | 10ea. | 800B | | 8" EZ-MAX Repair Clamp 8.60-9.40" Krausz 222-56-0218-10W | \$ 144.00 | \$ 1440.00 |
| | | Part # | | Manufacturer | | |

| | | | | | |
|---|-------|--------|---|-------------|------------|
| 6 | 10ea. | 800C | 8" VERSA Repair Clamp 8.54-9.84" Krausz 283-56-0217-16 | | |
| | | Part # | Manufacturer | \$ 319.00 | \$ 3190.00 |
| | | | | | |
| | | | Group XXIV Subtotal (Items 1-6) | \$ 25380.00 | |

TOTALS BY GROUP

| | |
|---|--------------|
| GROUP I – BRASS FITTINGS AND ACCESSORIES | \$ 33540.05 |
| GROUP II – CORP, CURB STOPS | \$ 185917.00 |
| GROUP III – SADDLES | \$ 77566.80 |
| GROUP IV – FULL CIRCLE CLAMPS AND OUTLET CLAMPS | \$ 65128.40 |
| GROUP V – FLEX COUPLINGS | \$ 73862.20 |
| GROUP VI – LEAK CLAMPS | \$ 13136.40 |
| GROUP VII – BRASS COUPLINGS/ADAPTERS | \$ 238574.00 |
| GROUP VIII – GATE VALVES | \$ 295686.00 |
| GROUP IX – PIPE (WATER) | \$ 149813.00 |
| GROUP X – TAPPING SLEEVES | \$ 375943.00 |
| GROUP XI – ENCLOSURES | \$ 60809.25 |
| GROUP XII – METER BOXES AND LIDS | \$ 348705.75 |
| GROUP XIII – MISC. METER ADAPTERS | \$ 76028.50 |

| | |
|---|---------------|
| GROUP XIV – INSTA-TITE AND MISC. (MUELLER ONLY) | \$ 151355.00 |
| GROUP XV – RESTRAINTS | \$ 54638.30 |
| GROUP XVI – RED HEAD ADAPTERS | \$ 21184.00 |
| GROUP XVII – FITTINGS, REDUCERS ADAPTERS & SPOOLS | \$ 77108.00 |
| GROUP XVIII – SEWER PARTS | \$ 110408.00 |
| GROUP XIX – HYDRANTS | \$ 428195.00 |
| GROUP XX – BACKFLOW, AIR RELEASE & INFLOW PREVENTOR VALVES | \$ 512665.00 |
| GROUP XXI – PIPE (DRAINAGE/WASTEWATER) | \$ 63834.00 |
| GROUP XXII – CLAY PIPE, TEES, WYES, BENDS | \$ 15620.95 |
| GROUP XXIII – MANHOLE AND DRAINS | \$ 166000.00 |
| GROUP XXIV – KRAUSZ – COUPLINGS AND CLAMPS | \$ 25380.00 |
| TOTAL: | \$ 3621098.40 |
| TAX @ 8.75% | \$ 316846.11 |
| TOTAL BID: | \$ 3938944.51 |