nationalgrid

AGREEMENT

BETWEEN

NATIONAL GRID USA SERVICE COMPANY, INC.,
NIAGRA MOHAWK POWER CORPORATION,
MASSACHUSETTS ELECTRIC COMPANY,
NEW ENGLAND POWER COMPANY,
THE NARRAGANSETT ELECTRIC COMPANY,
NANTUCKET ELECTRIC COMPANY:

AND

SYRACUSE UTILITIES INC.
BREWERTON, NEW YORK

FOR

ELECTRIC CIVIL CONSTRUCTION SERVICES
UNIT PRICE CONTRACT

ASSOCIATED SAP CONTRACT № 4400006045

EFFECTIVE DATE
May 1, 2016

AGREEMENT

This Agreement, made and entered into on the date when signed by the party signing last in time ("Effective Date"), by and between **National Grid USA Service Company, Inc**., a corporation organized and existing under the laws of the Commonwealth of Massachusetts, with its principal place of business at 40 Sylvan Road, Waltham, Massachusetts 02451 for and on behalf of its affiliate companies which may include the following entities: **NIAGRA MOHAWK POWER CORPORATION, MASSACHUSETTS ELECTRIC COMPANY,NEW ENGLAND POWER COMPANY,THE NARRAGANSETT ELECTRIC COMPANY,NANTUCKET ELECTRIC COMPANY** (hereinafter collectively the "COMPANIES" and individually the "Company") ("Owner"), and **Syracuse Utilities Inc..** ("Contractor"), a New York corporation, with its principal place of business at 9583 Brewerton Rd, Brewerton, NY 13029 (hereinafter each, individually, a "Party" and, collectively, the "Parties") for the Services identified hereafter as:

National Grid – Electric Civil Construction Services
Bid Area #9 – Central New York – Primary Contractor
Bid Area #8 – Eastern New York – Secondary Contractor
Preferred Contractor List – Eastern, Central and Western New York

SAP Contract № 440000xxxx

ARTICLE 1 - SCOPE OF WORK

During the term of this Agreement, the Company will issue Work Authorization Forms to the Contractor for the Contractor's performance of work on or related to perform electric civil construction services (the "Work") in the above mentioned region(s). The Contractor hereby agrees to perform the Work and to provide all materials, equipment, apparatus, tools, labor, services, and facilities (to the extent not specified elsewhere in the Agreement as furnished by others) and to do all things necessary to perform the Work in various locations within the Contractor's assigned Area of Responsibility, all in accordance with this Agreement.

The Contractor hereby agrees to perform the Work under this Agreement which shall include: 1) Electric Civil Construction Services in the above mentioned areas

The Contractor shall be authorized to perform specific Work only upon Contractor's return to Company's designated representative of a Work Authorization Form executed by an officer of contractor or other duly authorized individual. The Work Authorization Form when fully executed shall become a Contract Document

It is recognized by the Parties to the Agreement that there may be times when emergency Work is required to be performed at the Company's discretion. At such times, the parties agree to be bound to the terms and conditions contained in the Agreement for all resources on National Grid property which are governed under this contract.

The Company does not guarantee the Contractor any level or quantity of Work pursuant to this Agreement and the Contractor recognizes that there is no obligation to award any Work or any

specific quantity of Work to the Contractor. Furthermore, the Company reserves the express right to award Work to third Parties or to perform Work utilizing Company crews. The Company further reserves the right to competitively bid Projects within the scope of this Agreement and may request the Contractor to prepare a bid for such Project related Work and upon the award of such Work to Contractor, to perform such Work under this Agreement.

The designation of Contractor as a provider in specified Areas of Responsibility in no way gives the Contractor exclusive rights to work performed in the designated Area of Responsibility. The boundaries of the Contractor's Area of Responsibility may change from time to time due to resource availability and/or Work requirements and will be determined at the sole discretion of the Company. The Company has at its discretion the right to award any Work to any Contractor.

ARTICLE 2 - CONTRACT DOCUMENTS

The following documents, including all schedules, appendices, exhibits or other attachments to such documents, are incorporated by reference as if fully set forth herein, and are referred herein individually as a "Contract Document" and collectively as "Contract Documents":

Agreement
Schedule A - Electric Civil Construction Contract Specification
Schedule B - Unit and Material Price Guide
Schedule C - Price Schedules
Schedule D - Work Authorization Form
Schedule E - Contractor Safety Requirements
Schedule F - Contractor Environmental Requirements
Schedule G - Requirements for Contractor Employee Background Checks
Schedule H - Insurance Requirements & Certificate
Schedule I - Terms and Conditions for Construction, Form 00700, Revised Oct., 2015

The provisions of this Agreement are intended to be complementary and consistent. If, however, there is any conflict or discrepancy between among the documents that comprise the Contract Documents, the order of precedence for resolving such conflict or discrepancy will be the sequential order of the documents in as listed above ("Order of Precedence"). If the Order of Precedence does not resolve any such conflict or discrepancy, the Engineer's determination of such conflict or discrepancy shall be final and conclusive.

ARTICLE 3 – TERM

This Agreement shall be effective for three years beginning on May 1, 2016, or when the Agreement is executed by all Parties, whichever occurs last in time. It shall continue in full force and effect until March 31, 2019 or in accordance with the provision of Article 18.0 of the Terms and Conditions, and as set forth below. The Company reserves the right, at its sole option, to cancel this contract at any time and for any reason.

At the option of the Company, this Agreement may be extended for two (2) one (1) year periods by written amendment. The Company will communicate its intent to exercise such option by written notice to the contractor ninety (90) days or more prior to the expiration of the then current term.

Whether the Agreement is extended as provided for above or not, for Work being performed under a Work Authorization issued within the term of the Agreement, this Agreement shall

continue in full force and effect in relation to such Work until the date that such Work is completed.

All warranties provided for in this Agreement shall remain in full force and effect until their stated expiration.

ARTICLE 4 – SCHEDULE

This Agreement shall be effective beginning on May 1, 2016. Any Work to be performed under this Agreement shall be commenced on the date specified in the relevant Work Authorization Form, and shall be completed in accordance with the schedule developed by the Contractor and accepted by the Company. The Contractor shall prepare updated schedules as may be requested by the Company.

ARTICLE 5 – CONTRACT PRICE

The Company will pay the Contractor for the segment of spend as stated in the Pricing Workbook.

Unless otherwise indicated in the relevant Work Authorization Form, the project cost to be paid by the National Grid Companies to the Contractor paid on a unit price basis set forth in Schedule B.

The Contract Price shall be adjusted for additions, deletions or changes to the Work as set forth in Section 9.0 of the Terms and Conditions.

On an annual basis price escalators based on labor increases will be applied to all units as agreed to during the RFP event. On April 1, 2017 a [redacted]% increase will be applied to [redacted]% of all units. On April 1, 2018 a [redacted]% increase will be applied to [redacted]% of all units.

Material rates will be firm through March 31, 2017. Thereafter upon the Contractor's written request material rate adjustments can be submitted once a year and are due by February 15th. Agreed upon adjusted rates will become effective April 1st of the same year.

All other components of the unit price will remain fixed for the duration of this agreement.

ARTICLE 6 – SALES & USE TAXES

If the work under this Agreement is performed in New York State and is classified as Capital Improvement to Real Property under the NYS Sales Tax law, the Contractor is liable for paying all applicable New York State and local sales tax and this cost is included in the Contract Price. The Company will provide a Certificate of Capital Improvement (Form ST-124).

If the Work under this Agreement is performed in Massachusetts and is "directly and exclusively" used in furnishing gas and electricity, in accordance with Massachusetts Sales Tax law, labor, materials, equipment and supplies that the Contractor acquires and uses to complete the work qualify as tax exempt under the T&D Exception. The Contractor may issue an Exempt Use Certificate (Form ST-12) or request one from the Company.

Most, if not all, of the Work in Massachusetts and Rhode Island is considered "Construction Contract" and thus the Contractor is liable for paying all applicable sales tax.

ARTICLE 7 – PAYMENTS

Unless otherwise indicated in the relevant Work Authorization Form, the Contractor shall submit to the Company its invoice and support documentation, in a form acceptable to the Company. Invoices shall contain appropriate supporting documentation as requested and set forth more fully elsewhere in the Contract Documents and relevant Work Authorization Form

For Time and Equipment Work, each invoice shall include the actual verifiable quantity of labor and equipment expended in performing the Work, the actual verifiable quantity of materials or equipment supplied to the Project, and actual and verifiable costs for rented equipment and Subcontractors. The measurement and value of the invoiced quantities and costs shall be determined in accordance with the Pricing Workbook. Each such invoice shall include back up documentation as requested in the Specification and relevant Work Authorization Form.

All invoices shall be submitted and payments made in accordance with and subject to the Terms and Conditions.

Contractor shall submit invoices for work completed, accepted and approved by National Grid. Contractor must reference the National Grid Contract Number on all invoices.

All invoices shall reference: Contract Number
Work Authorization Number
Work Request Number
Contractor's invoice number
Invoice date
Description of pay items
Change Orders
Field Construction Supervisor's Name (as shown on WAF)

It is understood that the Company reserves the rights, but shall not be obligated, to (a) convert all terms that are the subject of this transaction to an 'e-commerce' format to enable the Company to conduct its management of and performance under this Agreement over the Internet, and (b) to use the services of a third party provider to furnish or create the required 'e-commerce' solution for such Internet capability.

ARTICLE 8 – NOTICES

Commercial matters including inquiries regarding Agreement terms and conditions, modifications to this Agreement and negotiation of changes shall be address to:

National Grid
Matthew Bieber, Buyer, Global Procurement

No changes to this Agreement will be binding on the Company without prior written approval of National Grid Procurement.

Technical/site related matters shall be address to the Company's Field Representative identified on the relevant Work Authorization.

ARTICLE 9 – OWNERSHIP

The Notwithstanding anything to the contrary in any Contract Document, each Work Authorization Form issued pursuant to this Agreement shall be a separate agreement incorporating the terms of this Agreement and the Contract Documents.

In the event that a Work Authorization Form specifically identifies the National Grid Company(ies) for which the Work is performed (a "Company-Specific Item"), the National Grid Company(ies) so identified shall be the only "Company" with regard to such Company-Specific Item and Contractor acknowledges and agrees that only the National Grid Company that is the Company with regard to a Company-Specific Item may be liable to the Contractor in any way arising out of or related to such item. Without limiting the foregoing, Contractor acknowledges and agrees that a National Grid Company that is not the Company with regard to a Company-Specific Item shall in no event be liable to Contractor for damages to any entity arising out of work related to such item, nor shall such National Grid Company be liable to pay Contractor for any work done in relation to such item. In the event that a Work Authorization Form identifies multiple National Grid Companies as the entities for which the Work is performed, each company shall be a "Company" with regard to such Work and that any liability related thereto shall be several and not joint.

ARTICLE 10 – MISCELLANEOUS

The use of agreed to key personnel submitted previously by the Contractor are contract requirements as detailed in the specification. The names listed below are those who have been approved as part of the Contractor workforce for Company work under this Agreement. Any additions of personnel to this list may only be done with prior approval from the Company.

Foremen	Safety Professional
Joe Cangemi	Jarred O'Dell
Joe Rosenbarker Jr.	
Bob Race	
Tim Case	
Paul VanNorstrand	
Mike Call	
William Scott	
Harry Dindl	
Gary Wedderspoon	
Harold Hitchcock	
Billy Miller	
Bill Alger	
Frank Messa	

ARTICLE 11 - ENTIRE AGREEMENT

This Agreement, including all Contract Documents, constitutes the entire Agreement between the Owner and the Contractor, with respect to the Work specified, and all previous representations relative thereto, either written or oral are hereby annulled and superseded. No modification of any of the provisions of this Agreement shall be binding unless in writing and signed by a duly authorized representative of each party hereto.

IN WITNESS WHEREOF, each party hereto has caused this Agreement to be executed by its duly authorized representative on the day and year set forth below.

Syracuse Utilities Inc.:

Eugene Scorzelli
Signature

EUGENE SCORZELLI
Name

PRESIDENT
Title

May 16, 2016
Date

NATIONAL GRID USA SERVICE COMPANY, INC., NIAGRA MOHAWK POWER CORPORATION, MASSACHUSETTS ELECTRIC COMPANY,NEW ENGLAND POWER COMPANY,THE NARRAGANSETT ELECTRIC COMPANY,NANTUCKET ELECTRIC COMPANY:

Signature

RANDALL ROTERMUND
Name

VP US PROCUREMENT
Title

6-2-2016
Date

SCHEDULE A

Electric Civil Construction Contract Specification

SCHEDULE B

Unit & Material Price Guide

SCHEDULE C

Price Schedules

Unit Code	Unit Description	Volume Interval	UOM	Price
HE1	Hand removal of hard surface, up to 6" deep 10 sq ft or less	10 sq ft	Each	
HE2	Hand removal of hard surface, 6" - 12" depth 10 sq ft or less	10 sq ft	Each	
HE3	Hand removal of hard surface greater than 12" but less than 2	10 sq ft	Each	
HE4	Adder- Hand removal of hard surface, up to 6" deep	10 sq ft	Each	
HE5	Adder- Hand removal of hard surface, 6" - 12" depth	10 sq ft	Each	
HE6	Adder- Hand removal of hard surface greater than 12" but les	10 sq ft	Each	
HE7	Hard surface cutting only		Linear Ft	
HE8	Hand Digging, up to 40 cubic feet	<= 40 cubic ft	Each	
HE9	Adder-Hand Digging for each additional 40 cubic Feet	>40 cubic ft	Each	
HE10	Hand Digging a test hole for installation of underground structure		Each	
ME1	Rock Drilling Machine of 18" hole, up to 7 ft deep	1-2 holes	Each	
ME2	Rock Drilling Machine of 18" hole, up to 7 ft deep	3-5 holes	Each	
ME3	Rock Drilling Machine of 18" hole, up to 7 ft deep	6 or more holes	Each	
ME4	Adder Rock drilling machine of 18" hole, each incremental foot		Each	
ME5	Adder for rock drilling on the right away to dig 18"		Each	
ME6	Rock Drilling Machine of 24" hole, up to 10 ft deep	1-2 holes	Each	
ME7	Rock Drilling Machine of 24" hole, up to 10 ft deep	3-5 holes	Each	
ME8	Rock Drilling Machine of 24" hole, up to 10 ft deep	6 or more holes	Each	
ME9	Rock drilling machine of 24" hole, each incremental foot		Each	
ME10	Adder for rock drilling on the right away to dig 24" hole		Each	
ME11	Drill hole and install rock anchors		Each	
ME12	Grouting of the rock anchor (anchor bolt)		Each	
ME13	Installation of the plank anchor		Each	
ME14	Breaking and removing hard surface, up to 12" thick	100 sq ft or less	Sq. Ft	
ME15	Over 100 sq ft and up to 500 sq ft - Break and removing hard	101-500 sq Ft	Sq. Ft	
ME16	Over 500 sq ft and up to 1000 sq ft - Break and removing har	501-1000	Sq. Ft	
ME17	Over 1000 sq ft and up to 2000 sq ft - Break and removing ha	1000-2000 sq ft.	Sq. Ft	
ME18	Over 2000 sq ft - Break and removing hard surface	> 2000 sq ft	Sq. Ft	
ME19	Breaking and removing hard surface, greater than 12" thick	100 sq ft or less	Sq. Ft	
ME20	Over 100 sq ft and up to 500 sq ft - Break and removing hard	101-500 sq Ft	Sq. Ft	
ME21	Over 500 sq ft and up to 1000 sq ft - Break and removing har	501-1000	Sq. Ft	
ME22	Over 1000 sq ft and up to 2000 sq ft - Break and removing ha	1000-2000 sq ft.	Sq. Ft	
ME23	Over 2000 sq ft - Break and removing hard surface	> 2000 sq ft	Sq. Ft	
ME24	Railroad/Trolley Track Removal		Linear Ft	
ME25	Remove railroad / trolley ties		Each	
ME26	Machine excavation 250 cubic ft or less		Each	
ME27	Machine excavation 251 cubic ft - 500 cubic ft		Each	
ME28	Machine excavation 501 cubic ft - 750 cubic ft		Each	
ME29	Machine excavation 751 cubic ft - 1000 cubic ft		Each	
ME30	Each additional 500 cubic ft over 1000 cubic ft		Each	
ME31	Furnish and install steel sheet piling		Sq. Ft	
ME32	Remove steel sheet piling		Sq. Ft	
ME33	Furnish, install & remove trench box up to 8' X 12'		Each	
ME34	Furnish, install & remove trench box greater than 8' X 12'		Each	
ME35	Furnish, install & remove modular shore	<100'	Linear Ft	
ME36	Furnish, install & remove modular shore	>100'	Linear Ft	

ME37	Furnish, install & remove custom shore (timber shore wood)	<100'	Linear Ft		
ME38	Furnish, install & remove custom shore (timber shore wood)	>100'	Linear Ft		
ME39	Excavation of hard surface pot holing	1 to 5	Each		
ME40	Excavation of hard surface pot holing	5 to 10	Each		
ME41	Excavation of hard surface pot holing	>10	Each		
ME42	Excavation of soft surface pot holing	1 to 5	Each		
ME43	Excavation of soft surface pot holing	5 to 10	Each		
ME44	Excavation of soft surface pot holing	>10	Each		
ME45	Excavation of Hard Surface pot holing only	1 to 5	Each		
ME46	Excavation of Hard Surface pot holing only	5 to 10	Each		
ME47	Excavation of Hard Surface pot holing only	>10	Each		
ME48	Excavation of Soft Surface pot holing only	1 to 5	Each		
ME49	Excavation of Soft Surface pot holing only	5 to 10	Each		
ME50	Excavation of Soft Surface pot holing only	> 10	Each		
ME51	Trench 2' wide or less	100 LF or less	Linear Ft		
ME52	Trench 2' wide or less	101-500 LF	Linear Ft		
ME53	Trench 2' wide or less	501-1000 LF	Linear Ft		
ME54	Trench 2' wide or less	1000-2000 LF	Linear Ft		
ME55	Trench 2' wide or less	> 2000 LF	Linear Ft		
ME56	Trench 2' wide or less	100 LF or less	Linear Ft		
ME57	Trench 2' wide or less	101-500 LF	Linear Ft		
ME58	Trench 2' wide or less	501-1000 LF	Linear Ft		
ME59	Trench 2' wide or less	1000-2000 LF	Linear Ft		
ME60	Trench 2' wide or less	> 2000 LF	Linear Ft		
ME61	Trench 2' wide or less	100 LF or less	Linear Ft		
ME62	Trench 2' wide or less	101-500 LF	Linear Ft		
ME63	Trench 2' wide or less	501-1000 LF	Linear Ft		
ME64	Trench 2' wide or less	1000-2000 LF	Linear Ft		
ME65	Trench 2' wide or less	> 2000 LF	Linear Ft		
ME66	Trench greater than 2' wide but less than or equal to 5' wide	100 LF or less	Linear Ft		
ME67	Trench greater than 2' wide but less than or equal to 5' wide	101-500 LF	Linear Ft		
ME68	Trench greater than 2' wide but less than or equal to 5' wide	501-1000 LF	Linear Ft		
ME69	Trench greater than 2' wide but less than or equal to 5' wide	1000-2000 LF	Linear Ft		
ME70	Trench greater than 2' wide but less than or equal to 5' wide	> 2000 LF	Linear Ft		
ME71	Trench greater than 2' wide but less than or equal to 5' wide	100 LF or less	Linear Ft		
ME72	Trench greater than 2' wide but less than or equal to 5' wide	101-500 LF	Linear Ft		
ME73	Trench greater than 2' wide but less than or equal to 5' wide	501-1000 LF	Linear Ft		
ME74	Trench greater than 2' wide but less than or equal to 5' wide	1000-2000 LF	Linear Ft		
ME75	Trench greater than 2' wide but less than or equal to 5' wide	> 2000 LF	Linear Ft		
ME76	Trench greater than 2' wide but less than or equal to 5' wide	100 LF or less	Linear Ft		
ME77	Trench greater than 2' wide but less than or equal to 5' wide	101-500 LF	Linear Ft		
ME78	Trench greater than 2' wide but less than or equal to 5' wide	501-1000 LF	Linear Ft		
ME79	Trench greater than 2' wide but less than or equal to 5' wide	1000-2000 LF	Linear Ft		
ME80	Trench greater than 2' wide but less than or equal to 5' wide	> 2000 LF	Linear Ft		
ME81	42" nominal trench depth - with 6" select fill around cable fac	<=50'	Linear Ft		
ME82	42" nominal trench depth - with 24" select fill around cable &	<=50'	Linear Ft		
ME83	42" nominal trench depth, backfilled to top w/ select fill	<=50'	Linear Ft		

ME84	42" nominal trench depth near existing energized URD.	<=50'	Linear Ft	
ME85	42" nominal trench depth - with 6" select fill around cable fac	51'-200'	Linear Ft	
ME86	42" nominal trench depth - with 24" select fill around cable &	51'-200'	Linear Ft	
ME87	42" nominal trench depth, backfilled to top w/ select fill	51'-200'	Linear Ft	
ME88	42" nominal trench depth near existing energized URD.	51'-200'	Linear Ft	
ME89	42" nominal trench depth - with 6" select fill around cable fac	200'-500'	Linear Ft	
ME90	42" nominal trench depth - with 24" select fill around cable &	200'-500'	Linear Ft	
ME91	42" nominal trench depth, backfilled to top w/ select fill	200'-500'	Linear Ft	
ME92	42" nominal trench depth near existing energized URD.	200'-500'	Linear Ft	
ME93	42" nominal trench depth - with 6" select fill around cable fac	>500'	Linear Ft	
ME94	42" nominal trench depth - with 24" select fill around cable &	>500'	Linear Ft	
ME95	42" nominal trench depth, backfilled to top w/ select fill	>500'	Linear Ft	
ME96	42" nominal trench depth near existing energized URD.	>500'	Linear Ft	
ME97	Adder- Additional witdh over the 18" to units ME93-ME107	>500'	Linear Ft	
ME98	Mechanical- Removal of 1 cubic yard of ledge	<= 1 Cubic Yard	Cubic Yar	
ME99	Mechanical- Adder for Removal of each additional cubic yard	> 1 Cubic Yard	Cubic Yar	
CD1	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD2	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD3	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD4	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD5	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD6	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD7	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD8	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD9	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD10	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD11	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD12	Duct installation for steel conduit less than of equal to a diam	Length= 50'	Linear Ft	
CD13	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD14	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD15	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD16	Duct installation for steel conduit greater than a diameter of	Length= 50'	Linear Ft	
CD17	Duct installation for steel conduit less than of equal to a diam	Length 50' - 200'	Linear Ft	
CD18	Duct installation for steel conduit less than of equal to a diam	Length 50' - 200'	Linear Ft	
CD19	Duct installation for steel conduit less than of equal to a diam	Length 50' - 200'	Linear Ft	
CD20	Duct installation for steel conduit less than of equal to a diam	Length 50' - 200'	Linear Ft	
CD21	Duct installation for steel conduit greater than a diameter of	Length 50' - 200'	Linear Ft	
CD22	Duct installation for steel conduit greater than a diameter of	Length 50' - 200'	Linear Ft	
CD23	Duct installation for steel conduit greater than a diameter of	Length 50' - 200'	Linear Ft	
CD24	Duct installation for steel conduit greater than a diameter of	Length 50' - 200'	Linear Ft	
CD25	Duct installation for steel conduit less than of equal to a diam	Length 50' - 200'	Linear Ft	
CD26	Duct installation for steel conduit less than of equal to a diam	Length 50' - 200'	Linear Ft	
CD27	Duct installation for steel conduit less than of equal to a diam	Length 50' - 200'	Linear Ft	
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CD29	Duct installation for steel conduit greater than a diameter of	Length 50' - 200'	Linear Ft	
CD30	Duct installation for steel conduit greater than a diameter of	Length 50' - 200'	Linear Ft	
CD31	Duct installation for steel conduit greater than a diameter of	Length 50' - 200'	Linear Ft	

CD32	Duct installation for steel conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD33	Duct installation for steel conduit les than of equal to a diame	Length	200'-500'	Linear Ft	
CD34	Duct installation for steel conduit les than of equal to a diame	Length	200'-500'	Linear Ft	
CD35	Duct installation for steel conduit les than of equal to a diame	Length	200'-500'	Linear Ft	
CD36	Duct installation for steel conduit les than of equal to a diame	Length	200'-500'	Linear Ft	
CD37	Duct installation for steel conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
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CD43	Duct installation for steel conduit less than of equal to a diam	Length	200'-500'	Linear Ft	
CD44	Duct installation for steel conduit less than of equal to a diam	Length	200'-500'	Linear Ft	
CD45	Duct installation for steel conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD46	Duct installation for steel conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
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CD65	Duct installation for PVC conduit less than of equal to a diame	Length	<= 50'	Linear Ft	
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CD70	Duct installation for PVC conduit greater than a diameter of 4	Length	<= 50'	Linear Ft	
CD71	Duct installation for PVC conduit greater than a diameter of 4	Length	<= 50'	Linear Ft	
CD72	Duct installation for PVC conduit greater than a diameter of 4	Length	<= 50'	Linear Ft	
CD73	Duct installation for PVC conduit less than of equal to a diame	Length	<= 50'	Linear Ft	
CD74	Duct installation for PVC conduit less than of equal to a diame	Length	<= 50'	Linear Ft	
CD75	Duct installation for PVC conduit less than of equal to a diame	Length	<= 50'	Linear Ft	
CD76	Duct installation for PVC conduit less than of equal to a diame	Length	<= 50'	Linear Ft	
CD77	Duct installation for PVC conduit greater than a diameter of 4	Length	<= 50'	Linear Ft	
CD78	Duct installation for PVC conduit greater than a diameter of 4	Length	<= 50'	Linear Ft	

CD79	Duct installation for PVC conduit greater than a diameter of 4	Length	<= 50'	Linear Ft	
CD80	Duct installation for PVC conduit greater than a diameter of 4	Length	<= 50'	Linear Ft	
CD81	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD82	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD83	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD84	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD85	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD86	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD87	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD88	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD89	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD90	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD91	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD92	Duct installation for PVC conduit less than of equal to a diame	Length	50' - 200'	Linear Ft	
CD93	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD94	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD95	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD96	Duct installation for PVC conduit greater than a diameter of 4	Length	50' - 200'	Linear Ft	
CD97	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD98	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD99	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD100	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD101	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD102	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD103	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD104	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD105	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD106	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD107	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD108	Duct installation for PVC conduit less than of equal to a diame	Length	200'-500'	Linear Ft	
CD109	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD110	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD111	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD112	Duct installation for PVC conduit greater than a diameter of 4	Length	200'-500'	Linear Ft	
CD113	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD114	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD115	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD116	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD117	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	
CD118	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	
CD119	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	
CD120	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	
CD121	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD122	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD123	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD124	Duct installation for PVC conduit less than of equal to a diame	Length	> 500'	Linear Ft	
CD125	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	

CD126	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	
CD127	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	
CD128	Duct installation for PVC conduit greater than a diameter of 4	Length	> 500'	Linear Ft	
CD129	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD130	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD131	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD132	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD133	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD134	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD135	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD136	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD137	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD138	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD139	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD140	Duct installation for HDPE conduit less than of equal to a dian	Length	<= 50'	Linear Ft	
CD141	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD142	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD143	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD144	Duct installation for HDPE conduit greater than a diameter of	Length	<= 50'	Linear Ft	
CD145	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD146	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD147	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD148	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD149	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD150	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD151	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD152	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD153	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD154	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD155	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD156	Duct installation for HDPE conduit less than of equal to a dian	Length	50' - 200'	Linear Ft	
CD157	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD158	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD159	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD160	Duct installation for HDPE conduit greater than a diameter of	Length	50' - 200'	Linear Ft	
CD161	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	
CD162	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	
CD163	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	
CD164	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	
CD165	Duct installation for HDPE conduit greater than a diameter of	Length	200'-500'	Linear Ft	
CD166	Duct installation for HDPE conduit greater than a diameter of	Length	200'-500'	Linear Ft	
CD167	Duct installation for HDPE conduit greater than a diameter of	Length	200'-500'	Linear Ft	
CD168	Duct installation for HDPE conduit greater than a diameter of	Length	200'-500'	Linear Ft	
CD169	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	
CD170	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	
CD171	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	
CD172	Duct installation for HDPE conduit less than of equal to a dian	Length	200'-500'	Linear Ft	

CD173	Duct installation for HDPE conduit greater than a diameter of	Length 200'-500'	Linear Ft		[redacted]
CD174	Duct installation for HDPE conduit greater than a diameter of	Length 200'-500'	Linear Ft		
CD175	Duct installation for HDPE conduit greater than a diameter of	Length 200'-500'	Linear Ft		
CD176	Duct installation for HDPE conduit greater than a diameter of	Length 200'-500'	Linear Ft		
CD177	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD178	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD179	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD180	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD181	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD182	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD183	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD184	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD185	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD186	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD187	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD188	Duct installation for HDPE conduit less than of equal to a dian	Length 2500'	Linear Ft		
CD189	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD190	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD191	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD192	Duct installation for HDPE conduit greater than a diameter of	Length 2500'	Linear Ft		
CD193	Install riser up to 4"		Each		
CD194	Install riser over 4"		Each		
CD195	Terminate to handhole/pull box/splice box	<= 4 conduits	Each		
CD196	Terminate to handhole/pull box/splice box	5 -9 conduits	Each		
CD197	Terminate to handhole/pull box/splice box	10 -12 conduits	Each		
CD198	Terminate to handhole/pull box/splice box	>12 conduits	Each		
CD199	Terminate into the manhole/vault	2 - 4 conduits	Each		
CD200	Terminate into the manhole/vault	5 -9 conduits	Each		
CD201	Terminate into the manhole/vault	10 -12 conduits	Each		
CD202	Terminate into the manhole/vault	>12 conduits	Each		
CD203	Adder for additional 1" of thickness of manhole or vault wall		Each		
CD204	Terminate into transformer pad	2 - 4 conduits	Each		
CD205	Terminate into transformer pad	5 -9 conduits	Each		
CD206	Terminate into transformer pad	10 -12 conduits	Each		
CD207	Terminate into transformer pad	>12 conduits	Each		
CD208	Adder for terminating into an energized transformer pad,		Each		
CD209	Core bore 2" hole	1	Each		
CD210	Core bore 2" hole	2-6	Each		
CD211	Core bore 2" hole	>6	Each		
CD212	Core bore 4" hole	1	Each		
CD213	Core bore 4" hole	2-6	Each		
CD214	Core bore 4" hole	>6	Each		
CD215	Core bore 5" hole	1	Each		
CD216	Core bore 5" hole	2-6	Each		
CD217	Core bore 5" hole	>6	Each		
CD218	Core bore 6" hole	1	Each		
CD219	Core bore 6" hole	2-6	Each		

CD220	Core bore 6" hole	>6	Each	
CD221	Core bore 2" hole, additional incremental 1" of thickness		Each	
CD222	Core bore 4" hole, additional incremental 1" of thickness		Each	
CD223	Core bore 5" hole, additional incremental 1" of thickness		Each	
CD224	Core bore 6" hole, additional incremental 1" of thickness		Each	
CS1	Installation of Class 1 Underground Structure	1	Each	
CS2	Installation of Class 1 Underground Structure	2-6	Each	
CS3	Installation of Class 1 Underground Structure	>6	Each	
CS4	Installation of Class 2 Underground Structure	1	Each	
CS5	Installation of Class 2 Underground Structure	2-6	Each	
CS6	Installation of Class 2 Underground Structure	>6	Each	
CS7	Installation of Class 3 Underground Structure	1	Each	
CS8	Installation of Class 3 Underground Structure	2-6	Each	
CS9	Installation of Class 3 Underground Structure	>6	Each	
CS10	Installation of Class 4 Underground Structure		Each	
CS11	Installation of Class 5 Underground Structure		Each	
CS12	Installation of Class 6 Underground Structure		Each	
CS13	Raise manhole frame and cover (up to 12")	1	Each	
CS14	Raise manhole frame and cover (up to 12")	2-6	Each	
CS15	Raise manhole frame and cover (up to 12")	>6	Each	
CS16	Lower manhole frame and cover (up to 12")	1	Each	
CS17	Lower manhole frame and cover (up to 12")	2-6	Each	
CS18	Lower manhole frame and cover (up to 12")	>6	Each	
CS19	Replacing frame & cover	1	Each	
CS20	Replacing frame & cover	2-6	Each	
CS21	Replacing frame & cover	>6	Each	
CS22	Replace frame and cover with a larger frame and cover	1	Each	
CS23	Replace frame and cover with a larger frame and cover	2-6	Each	
CS24	Replace frame and cover with a larger frame and cover	>6	Each	
CS25	Casting & cover removal, steel plate installation, rebuilding of	1	Each	
CS26	Casting & cover removal, steel plate installation, rebuilding of	2-6	Each	
CS27	Casting & cover removal, steel plate installation, rebuilding of	>6	Each	
CS28	Precast Manhole roof replacement of less than or equal to 8'	1	Each	
CS29	Precast Manhole roof replacement of less than or equal to 8'	2-6	Each	
CS30	Precast Manhole roof replacement of less than or equal to 8'	>6	Each	
CS31	Precast Manhole roof replacement of greater than 8' *x 14' b	1	Each	
CS32	Precast Manhole roof replacement of greater than 8' *x 14' b	2-6	Each	
CS33	Precast Manhole roof replacement of greater than 8' *x 14' b	>6	Each	
CS34	Precast Manhole roof replacement greater than 11' x 14'	1	Each	
CS35	Precast Manhole roof replacement greater than 11' x 14'	2-6	Each	
CS36	Precast Manhole roof replacement greater than 11' x 14'	>6	Each	
CS37	Pouring a roof replacement up to 8' x 14' (112 sq ft or less)		Each	
CS38	Pouring a roof replacement of 8' x 14' - 11' x 14' (112 sq ft to 154 sq ft)		Each	
CS39	Pouring a roof replacement of 11' x 14' or greater (154 sq ft +)		Each	
CS40	Replace light duty handhole - (17" X 30")	1	Each	
CS41	Replace light duty handhole - (17" X 30")	2-6	Each	
CS42	Replace light duty handhole - (17" X 30")	>6	Each	

CS43	Replace fiberglass heavy duty handhole	1	Each	
CS44	Replace fiberglass heavy duty handhole	2-6	Each	
CS45	Replace fiberglass heavy duty handhole	>6	Each	
CS46	Replace Streetlight Hand hole (12" X12" X 24")	1	Each	
CS47	Replace Streetlight Hand hole (12" X12" X 24")	2-6	Each	
CS48	Replace Streetlight Hand hole (12" X12" X 24")	>6	Each	
CS49	Adjust or raise light duty handhole to grade (17" X 30")	1	Each	
CS50	Adjust or raise light duty handhole to grade (17" X 30")	2-6	Each	
CS51	Adjust or raise light duty handhole to grade (17" X 30")	>6	Each	
CS55	Adjust or raise light duty handhole to grade - 26 inch	1	Each	
CS56	Adjust or raise light duty handhole to grade - 26 inch	2-6	Each	
CS57	Adjust or raise light duty handhole to grade - 26 inch	>6	Each	
CS52	Lowering light duty handhole to grade (17" X 30")	1	Each	
CS53	Lowering light duty handhole to grade (17" X 30")	2-6	Each	
CS54	Lowering light duty handhole to grade (17" X 30")	>6	Each	
CS58	Lowering light duty handhole to grade - 26 inch	1	Each	
CS59	Lowering light duty handhole to grade - 26 inch	2-6	Each	
CS60	Lowering light duty handhole to grade - 26 inch	>6	Each	
CS61	Removal of Hand hole (17" X 30")	1	Each	
CS62	Removal of Hand hole (17" X 30")	2-6	Each	
CS63	Removal of Hand hole (17" X 30")	>6	Each	
CS64	Removal of Hand hole 26 inch	1	Each	
CS65	Removal of Hand hole 26 inch	2-6	Each	
CS66	Removal of Hand hole 26 inch	>6	Each	
CS67	Install ground rod on pole or padmount transformer	1	Each	
CS68	Install ground rod on pole or padmount transformer	2-6	Each	
CS69	Install ground rod on pole or padmount transformer	>6	Each	
CS70	Install ground rod in a structure	1	Each	
CS71	Install ground rod in a structure	2-6	Each	
CS72	Install ground rod in a structure	>6	Each	
CS73	Install ground grid for Class 1 Underground Structure	1	Each	
CS74	Install ground grid for Class 1 Underground Structure	2-6	Each	
CS75	Install ground grid for Class 1 Underground Structure	>6	Each	
CS76	Install ground grid for Class 2 Underground Structure	1	Each	
CS77	Install ground grid for Class 2 Underground Structure	2-6	Each	
CS78	Install ground grid for Class 2 Underground Structure	>6	Each	
CS79	Install ground grid for Class 3 Underground Structure	1	Each	
CS80	Install ground grid for Class 3 Underground Structure	2-6	Each	
CS81	Install ground grid for Class 3 Underground Structure	>6	Each	
CS82	Install ground grid for Class 4 Underground Structure	1	Each	
CS83	Install ground grid for Class 4 Underground Structure	2-6	Each	
CS84	Install ground grid for Class 4 Underground Structure	>6	Each	
CS85	Install ground grid for Class 5 Underground Structure	1	Each	
CS86	Install ground grid for Class 5 Underground Structure	2-6	Each	
CS87	Install ground grid for Class 5 Underground Structure	>6	Each	
CS88	Install ground grid for Class 6 Underground Structure	1	Each	
CS89	Install ground grid for Class 6 Underground Structure	2-6	Each	

CS90	Install ground grid for Class 6 Underground Structure	>6	Each	
CS91	Install a ground grid / potential mat at the bottom of pole		Each	
SD1	HDD with diameter of 2" or smaller and installation of PVC Co	<= 60'	Linear Ft	
SD2	HDD with diameter of 2-4" or and installation of PVC Conduit	<= 60'	Linear Ft	
SD3	HDD with diameter of 4" - 8" and installation of PVC Conduit	<= 60'	Linear Ft	
SD4	HDD with diameter of 2" or smaller and installation of HDPE C	< = 200	Linear Ft	
SD5	HDD with diameter of 2-4" and installation of HDPE Conduit (	< = 200	Linear Ft	
SD6	HDD with diameter of 4" - 8" and installation of HDPE Condu	< = 200	Linear Ft	
SD7	HDD with diameter of 8" - 12" and installation of HDPE Cond	< = 200	Linear Ft	
SD8	HDD with diameter of 12" - 16" and installation of HDPE Conc	< = 200	Linear Ft	
SD9	HDD with diameter of 16" - 24" and installation of HDPE Conc	< = 200	Linear Ft	
SD10	HDD with diameter greater than 24" and installation of HDPE	< = 200	Linear Ft	
SD11	HDD with diameter of 2" or smaller and installation of HDPE C	201-500	Linear Ft	
SD12	HDD with diameter of 4" and installation of HDPE Conduit (in	201-500	Linear Ft	
SD13	HDD with diameter of 4" - 8" and installation of HDPE Conduit	201-500	Linear Ft	
SD14	HDD with diameter of 8" - 12" and installation of HDPE Cond	201-500	Linear Ft	
SD15	HDD with diameter of 12" - 16" and installation of HDPE Conc	201-500	Linear Ft	
SD16	HDD with diameter of 16" - 24" and installation of HDPE Conc	201-500	Linear Ft	
SD17	HDD with diameter greater than 24" and installation of HDPE	201-500	Linear Ft	
SD18	HDD with diameter of 2" or smaller and installation of HDPE C	> 500	Linear Ft	
SD19	HDD with diameter of 4" and installation of HDPE Conduit (in	> 500	Linear Ft	
SD20	HDD with diameter of 4" - 8" and installation of HDPE Condu	> 500	Linear Ft	
SD21	HDD with diameter of 8" - 12" and installation of HDPE Cond	> 500	Linear Ft	
SD22	HDD with diameter of 12" - 16" and installation of HDPE Conc	> 500	Linear Ft	
SD23	HDD with diameter of 16" - 24" and installation of HDPE Conc	> 500	Linear Ft	
SD24	HDD with diameter greater than 24" and installation of HDPE	> 500	Linear Ft	
SD25	Drilling with Moling Equipment with diameter of 2" - 4"	<50	Linear Ft	
SD26	Adder- Drilling with Moling Equipment with diameter of 2" - 4	>50	Linear Ft	
SD27	Drilling with Moling Equipment with diameter of 4" - 8"	<50	Linear Ft	
SD28	Adder Drilling with Moling Equipment with diameter of 4" - 8'	>50	Linear Ft	
SD29	Drilling with Moling Equipment with diameter greater than 8'	<50	Linear Ft	
SD30	Adder- Drilling with Moling Equipment with diameter gretaer	>50	Linear Ft	
SD31	HDD with diameter of 2" or smaller and installation of PVC w/	< = 200	Linear Ft	
SD32	HDD with diameter of 2-4" and installation of PVC w/ Interloc	< = 200	Linear Ft	
SD33	HDD with diameter of 4" - 8" and installation of PVC w/ Inter	< = 200	Linear Ft	
SD34	HDD with diameter of 8" - 12" and installation of PVC w/ Inte	< = 200	Linear Ft	
SD35	HDD with diameter of 2" or smaller and installation of PVC w/	201-500	Linear Ft	
SD36	HDD with diameter of 4" and installation of PVC w/ Interlocki	201-500	Linear Ft	
SD37	HDD with diameter of 4" - 8" and installation of PVC w/ Interl	201-500	Linear Ft	
SD38	HDD with diameter of 8" - 12" and installation of PVC w/ Inte	201-500	Linear Ft	
SD39	HDD with diameter of 2" or smaller and installation of PVC w/	>500	Linear Ft	
SD40	HDD with diameter of 4" and installation of PVC w/ Interlocki	>500	Linear Ft	
SD41	HDD with diameter of 4" - 8" and installation of PVC w/ Inter	>500	Linear Ft	
SD42	HDD with diameter of 8" - 12" and installation of PVC w/ Inte	>500	Linear Ft	
RR1	Applying compressed air and rodding	<= 300'	Linear Ft	
RR2	Applying compressed air and rodding	301'-500'	Linear Ft	
RR3	Applying compressed air and rodding	>500'	Linear Ft	

RR4	Hand rodding	<= 300'	Linear Ft	
RR5	Hand rodding	301'-500'	Linear Ft	
RR6	Hand rodding	>500'	Linear Ft	
RR7	Utilizing camera	Per Duct	Each	
RR8	Flushing with high pressure water	<= 300'	Linear Ft	
RR9	Flushing with high pressure water	301'-500'	Linear Ft	
RR10	Flushing with high pressure water	>500'	Linear Ft	
RR11	Utilization of a power rodder	<= 300'	Linear Ft	
RR12	Utilization of a power rodder	301'-500'	Linear Ft	
RR13	Utilization of a power rodder	>500'	Linear Ft	
RR14	Brushing mandrel and installing Mule tape	<= 300'	Linear Ft	
RR15	Brushing mandrel and installing Mule tape	301'-500'	Linear Ft	
RR16	Brushing mandrel and installing Mule tape	>500'	Linear Ft	
RR17	Remove blisters from duct bank	Per Duct	Linear Ft	
WP1	Basic URD single phase Number 2 primary / three phase Num	1 installation	Linear Ft	
WP2	Basic URD single phase Number 2 primary / three phase Num	2-5 installations	Linear Ft	
WP3	Basic URD single phase Number 2 primary / three phase Num	>5 installations	Linear Ft	
WP4	350 MCM /500 MCM includes all three conductors	1 installation	Linear Ft	
WP5	351 MCM /500 MCM includes all three conductors	2-5 installations	Linear Ft	
WP6	352 MCM /500 MCM includes all three conductors	>5 installations	Linear Ft	
WP7	750 MCM/1000 MCM includes all three conductors	1 installation	Linear Ft	
WP8	751 MCM/1000 MCM includes all three conductors	2-5 installations	Linear Ft	
WP9	752 MCM/1000 MCM includes all three conductors	>5 installations	Linear Ft	
WP10	Basic URD single phase Number 2 primary / three phase Num	1 pull	Linear Ft	
WP11	Basic URD single phase Number 2 primary / three phase Num	2-5 pulls	Linear Ft	
WP12	Basic URD single phase Number 2 primary / three phase Num	>5 pulls	Linear Ft	
WP13	350 MCM /500 MCM includes all three conductors	1 pull	Linear Ft	
WP14	351 MCM /500 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP15	352 MCM /500 MCM includes all three conductors	>5 pulls	Linear Ft	
WP16	750 MCM/1000 MCM includes all three conductors	1 pull	Linear Ft	
WP17	751 MCM/1000 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP18	752 MCM/1000 MCM includes all three conductors	>5 pulls	Linear Ft	
WP19	Basic URD single phase Number 2 primary / three phase Num	1 installation	Linear Ft	
WP20	Basic URD single phase Number 2 primary / three phase Num	2-5 installations	Linear Ft	
WP21	Basic URD single phase Number 2 primary / three phase Num	>5 installations	Linear Ft	
WP22	350 MCM /500 MCM includes all three conductors	1 installation	Linear Ft	
WP23	351 MCM /500 MCM includes all three conductors	2-5 installations	Linear Ft	
WP24	352 MCM /500 MCM includes all three conductors	>5 installations	Linear Ft	
WP25	750 MCM/1000 MCM includes all three conductors	1 installation	Linear Ft	
WP26	751 MCM/1000 MCM includes all three conductors	2-5 installations	Linear Ft	
WP27	752 MCM/1000 MCM includes all three conductors	>5 installations	Linear Ft	
WP28	Basic URD single phase Number 2 primary / three phase Num	1 pull	Linear Ft	
WP29	Basic URD single phase Number 2 primary / three phase Num	2-5 pulls	Linear Ft	
WP30	Basic URD single phase Number 2 primary / three phase Num	>5 pulls	Linear Ft	
WP31	350 MCM /500 MCM includes all three conductors	1 pull	Linear Ft	
WP32	351 MCM /500 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP33	352 MCM /500 MCM includes all three conductors	>5 pulls	Linear Ft	

WP34	750 MCM/1000 MCM includes all three conductors	1 pull	Linear Ft	[redacted]
WP35	751 MCM/1000 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP36	752 MCM/1000 MCM includes all three conductors	>5 pulls	Linear Ft	
WP37	Basic URD single phase Number 2 primary / three phase Num	1 installation	Linear Ft	
WP38	Basic URD single phase Number 2 primary / three phase Num	2-5 installations	Linear Ft	
WP39	Basic URD single phase Number 2 primary / three phase Num	>5 installations	Linear Ft	
WP40	350 MCM /500 MCM includes all three conductors	1 installation	Linear Ft	
WP41	351 MCM /500 MCM includes all three conductors	2-5 installations	Linear Ft	
WP42	352 MCM /500 MCM includes all three conductors	>5 installations	Linear Ft	
WP43	750 MCM/1000 MCM includes all three conductors	1 installation	Linear Ft	
WP44	751 MCM/1000 MCM includes all three conductors	2-5 installations	Linear Ft	
WP45	752 MCM/1000 MCM includes all three conductors	>5 installations	Linear Ft	
WP46	Basic URD single phase Number 2 primary / three phase Num	1 pull	Linear Ft	
WP47	Basic URD single phase Number 2 primary / three phase Num	2-5 pulls	Linear Ft	
WP48	Basic URD single phase Number 2 primary / three phase Num	>5 pulls	Linear Ft	
WP49	350 MCM /500 MCM includes all three conductors	1 pull	Linear Ft	
WP50	351 MCM /500 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP51	352 MCM /500 MCM includes all three conductors	>5 pulls	Linear Ft	
WP52	750 MCM/1000 MCM includes all three conductors	1 pull	Linear Ft	
WP53	751 MCM/1000 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP54	752 MCM/1000 MCM includes all three conductors	>5 pulls	Linear Ft	
WP55	Basic URD single phase Number 2 primary / three phase Num	1 installation	Linear Ft	
WP56	Basic URD single phase Number 2 primary / three phase Num	2-5 installations	Linear Ft	
WP57	Basic URD single phase Number 2 primary / three phase Num	>5 installations	Linear Ft	
WP58	350 MCM /500 MCM includes all three conductors	1 installation	Linear Ft	
WP59	351 MCM /500 MCM includes all three conductors	2-5 installations	Linear Ft	
WP60	352 MCM /500 MCM includes all three conductors	>5 installations	Linear Ft	
WP61	750 MCM/1000 MCM includes all three conductors	1 installation	Linear Ft	
WP62	751 MCM/1000 MCM includes all three conductors	2-5 installations	Linear Ft	
WP63	752 MCM/1000 MCM includes all three conductors	>5 installations	Linear Ft	
WP64	Basic URD single phase Number 2 primary / three phase Num	1 pull	Linear Ft	
WP65	Basic URD single phase Number 2 primary / three phase Num	2-5 pulls	Linear Ft	
WP66	Basic URD single phase Number 2 primary / three phase Num	>5 pulls	Linear Ft	
WP67	350 MCM /500 MCM includes all three conductors	1 pull	Linear Ft	
WP68	351 MCM /500 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP69	352 MCM /500 MCM includes all three conductors	>5 pulls	Linear Ft	
WP70	750 MCM/1000 MCM includes all three conductors	1 pull	Linear Ft	
WP71	751 MCM/1000 MCM includes all three conductors	2-5 pulls	Linear Ft	
WP72	752 MCM/1000 MCM includes all three conductors	>5 pulls	Linear Ft	
FD1	Installation of pre-cast concrete pads	1	Each	
FD2	Installation of pre-cast concrete pads	2-6	Each	
FD3	Installation of pre-cast concrete pads	>6	Each	
FD4	Installation of pre-cast concrete pad with oil containment	1	Each	
FD5	Installation of pre-cast concrete pad with oil containment	2-6	Each	
FD6	Installation of pre-cast concrete pad with oil containment	>6	Each	
FD7	Add oil containment to an existing pad.	1	Each	
FD8	Add oil containment to an existing pad.	2-6	Each	

FD9	Add oil containment to an existing pad.	>6	Each
FD10	Add curbing to oil containment pad	1	Each
FD11	Add curbing to oil containment pad	2-6	Each
FD12	Add curbing to oil containment pad	>6	Each
FD13	Installation of bollards	1	Each
FD14	Installation of bollards	2-6	Each
FD15	Installation of bollards	>6	Each
FD16	Installation of fiber glass pads - single/three phase pads	1	Each
FD17	Installation of fiber glass pads - single/three phase pads	2-6	Each
FD18	Installation of fiber glass pads - single/three phase pads	>6	Each
FD19	Installation of fiber glass pads - single/three phase pads - URD	1	Each
FD20	Installation of fiber glass pads - single/three phase pads - URD	2-6	Each
FD21	Installation of fiber glass pads - single/three phase pads - URD	>6	Each
FD22	Installation of fiber glass pads - switchgear pads	1	Each
FD23	Installation of fiber glass pads - switchgear pads	2-6	Each
FD24	Installation of fiber glass pads - switchgear pads	>6	Each
FD25	Concrete form & pour in place	Foundation	CY
FD26	Set pad mount / switch gear transformer - *(limit to 2 tons/u	1	Each
FD27	Set pad mount / switch gear transformer - *(limit to 2 tons/u	2-6	Each
FD28	Set pad mount / switch gear transformer - *(limit to 2 tons/u	>6	Each
SL1	Install precast concrete foundation (24" * 24" * 48" depth)	<= 5	Each
SL2	Install precast concrete foundation (24" * 24" * 48" depth)	6-10	Each
SL3	Install precast concrete foundation (24" * 24" * 48" depth)	>10	Each
SL4	Install precast concrete foundation (24" * 24" * 60" depth)	<= 5	Each
SL5	Install precast concrete foundation (24" * 24" * 60" depth)	6-10	Each
SL6	Install precast concrete foundation (24" * 24" * 60" depth)	>10	Each
SL7	Remove precast streetlight foundation (24" x 24" x 48" depth	<= 5	Each
SL8	Remove precast streetlight foundation (24" x 24" x 48" depth	6-10	Each
SL9	Remove precast streetlight foundation (24" x 24" x 48" depth	>10	Each
SL10	Remove precast streetlight foundation (24" x 24" x 60" depth	<= 5	Each
SL11	Remove precast streetlight foundation (24" x 24" x 60" depth	6-10	Each
SL12	Remove precast streetlight foundation (24" x 24" x 60" depth	>10	Each
SL13	Install and remove precast streetlight foundation (24" x 24" x	<= 5	Each
SL14	Install and remove precast streetlight foundation (24" x 24" x	6-10	Each
SL15	Install and remove precast streetlight foundation (24" x 24" x	>10	Each
SL16	Install and remove precast streetlight foundation (24" x 24" x	<= 5	Each
SL17	Install and remove precast streetlight foundation (24" x 24" x	6-10	Each
SL18	Install and remove precast streetlight foundation (24" x 24" x	>10	Each
SL19	Install poured in place concrete foundation	<= 5	Each
SL20	Install poured in place concrete foundation	6-10	Each
SL21	Install poured in place concrete foundation	>10	Each
SL22	Conduit repair (3' X 3')	Per Repair	Each
SL23	Adder- Conduit repair	Per Repair	Each
SL24	Removal and bagging/tagging of orange burg and transite pip	Per Removal	Each
SL25	Install standard up to 12' tall	<= 5	Each
SL26	Install standard up to 12' tall	6-10	Each
SL27	Install standard up to 12' tall	>10	Each

SL28	Install standard 12' - 16' tall	<= 5	Each		
SL29	Install standard 12' - 16' tall	6-10	Each		
SL30	Install standard 12' - 16' tall	>10	Each		
SL31	Install standard greater than 16' tall	<= 5	Each		
SL32	Install standard greater than 16' tall	6-10	Each		
SL33	Install standard greater than 16' tall	>10	Each		
SL34	Remove standard up to 12' tall	<= 5	Each		
SL35	Remove standard up to 12' tall	6-10	Each		
SL36	Remove standard up to 12' tall	>10	Each		
SL37	Remove standard 12' - 16' tall	<= 5	Each		
SL38	Remove standard 12' - 16' tall	6-10	Each		
SL39	Remove standard 12' - 16' tall	>10	Each		
SL40	Remove standard greater than 16' tall	<= 5	Each		
SL41	Remove standard greater than 16' tall	6-10	Each		
SL42	Remove standard greater than 16' tall	>10	Each		
SL43	Transfer standard up to 12' tall	<= 5	Each		
SL44	Transfer standard up to 12' tall	6-10	Each		
SL45	Transfer standard up to 12' tall	>10	Each		
SL46	Transfer 12' - 16' tall	<= 5	Each		
SL47	Transfer 12' - 16' tall	6-10	Each		
SL48	Transfer 12' - 16' tall	>10	Each		
SL49	Transfer standard greater than 16' tall	<= 5	Each		
SL50	Transfer standard greater than 16' tall	6-10	Each		
SL51	Transfer standard greater than 16' tall	>10	Each		
SL52	Install the light head	<= 5	Each		
SL53	Install the light head	6-10	Each		
SL54	Install the light head	>10	Each		
SL55	Remove the light head	<= 5	Each		
SL56	Remove the light head	6-10	Each		
SL57	Remove the light head	>10	Each		
SL58	Install standard directly in ground	<= 5	Each		
SL59	Install standard directly in ground	6-10	Each		
SL60	Install standard directly in ground	>10	Each		
SL61	Install wiring from light head to base	Per Install	Each		
SL62	Pulling mule tape between the lights	<70 ft	Linear Ft		
SL63	Pulling mule tape between the lights	>70 ft	Linear Ft		
SL64	Pulling wires between lights in conduits	<70 ft	Linear Ft		
SL65	Pulling wires between lights in conduits	>70 ft	Linear Ft		
SL66	Installation of direct buried wires	<70 ft	Linear Ft		
SL67	Installation of direct buried wires	>70 ft	Linear Ft		
SL68	Test and record voltages	<= 5	Each		
SL69	Test and record voltages	> 5	Each		
SL70	Streetlight Painting	<= 5	Each		
SL71	Streetlight Painting	6-10	Each		
SL72	Streetlight Painting	>10	Each		
SL73	Transformer Painting	<= 5	Each		
SL74	Transformer Painting	6-10	Each		

SL75	Transformer Painting	>10	Each	
RS1	Installation of concrete with broom finish	<= 100 sq Ft	Sq. Ft	
RS2	Installation of concrete with broom finish	100-500 sq ft	Sq Ft	
RS3	Installation of concrete with broom finish	500-1000 sq Ft	Sq Ft	
RS4	Installation of concrete with broom finish	>1000 sq Ft	Sq. Ft	
RS5	Installation of concrete with trowel finish	<= 100 sq Ft	Sq. Ft	
RS6	Installation of concrete with trowel finish	100-500 sq ft	Sq Ft	
RS7	Installation of concrete with trowel finish	500-1000 sq Ft	Sq Ft	
RS8	Installation of concrete with trowel finish	>1000 sq Ft	Sq. Ft	
RS9	Concrete Restoration only	<= 100 sq Ft	Sq Ft	
RS10	Installation of handicap ramp	Per Installation	Each	
RS11	Installation of concrete with a stamped finish	Per Installation	Sq. Ft	
RS12	Installation of roadbed concrete	<= 100 sq Ft	Sq Ft	
RS13	Installation of roadbed concrete	100-500 sq ft	Sq Ft	
RS14	Installation of roadbed concrete	500-1000 sq Ft	Sq Ft	
RS15	Installation of roadbed concrete	>1000 sq Ft	Sq Ft	
RS16	Installation of dowelling	<= 100 sq Ft	Each	
RS17	Installation of dowelling	100-500 sq ft	Each	
RS18	Installation of dowelling	>500 sq ft	Each	
RS19	Preparation and installation of binder asphalt	<= 100 sq Ft	Sq. Ft	
RS20	Preparation and installation of binder asphalt	100-500 sq ft	Sq Ft	
RS21	Preparation and installation of binder asphalt	500-1000 sq Ft	Sq Ft	
RS22	Preparation and installation of binder asphalt	>1000 sq Ft	Sq Ft	
RS23	Preparation and installation of binder asphalt	<= 100 sq Ft	Sq Ft	
RS24	Preparation and installation of binder asphalt	100-500 sq ft	Sq Ft	
RS25	Preparation and installation of binder asphalt	500-1000 sq Ft	Sq Ft	
RS26	Preparation and installation of binder asphalt	>1000 sq Ft	Sq Ft	
RS27	Adder for each additional inch	<= 100 sq Ft	Sq Ft	
RS28	Adder for each additional inch	100-500 sq ft	Sq Ft	
RS29	Adder for each additional inch	500-1000 sq Ft	Sq Ft	
RS30	Adder for each additional inch	>1000 sq Ft	Sq Ft	
RS31	Grind and in lay	< = 100 sq ft	Sq. Ft	
RS32	Grind and in lay	101-500 sq ft	Sq Ft	
RS33	Grind and in lay	> 500 sq ft	Sq Ft	
RS34	Preparation and installation of top-coat asphalt (up to 3")	< = 100 sq ft	Sq. Ft	
RS35	Preparation and installation of top-coat asphalt (up to 3")	101-500 sq ft	Sq Ft	
RS36	Preparation and installation of top-coat asphalt (up to 3")	500-1000 sq Ft	Sq Ft	
RS37	Preparation and installation of top-coat asphalt (up to 3")	>1000 sq Ft	Sq Ft	
RS38	Preparation and installation of infrared asphalt (up to 3")	< = 100 sq ft	Sq. Ft	
RS39	Preparation and installation of infrared asphalt (up to 3")	101-500 sq ft	Sq Ft	
RS40	Preparation and installation of infrared asphalt (up to 3")	500-1000 sq Ft	Sq Ft	
RS41	Preparation and installation of infrared asphalt (up to 3")	>1000 sq Ft	Sq Ft	
RS42	Preparation and installation of binder asphalt- Restoration or	<= 100 sq Ft	Sq Ft	
RS43	Seal coating	< = 100 sq ft	Sq. Ft	
RS44	Seal coating	101-500 sq ft	Sq. Ft	
RS45	Seal coating	> 500 sq ft	Sq. Ft	
RS46	Installation of cold / perma patch	< = 100 sq ft	Sq. Ft	

RS47	Installation of cold / perma patch	101-500 sq ft	Sq. Ft	
RS48	Installation of cold / perma patch	> 500 sq ft	Sq. Ft	
RS49	Removal of cold / perma patch	< = 100 sq ft	Sq. Ft	
RS50	Removal of cold / perma patch	101-500 sq ft	Sq. Ft	
RS51	Removal of cold / perma patch	> 500 sq ft	Sq. Ft	
RS52	Installation of pavers or brick sidewalks	Per Installation	Sq. Ft	
RS53	Installation and remove curbing with asphalt	< = 15 ft	Linear Ft	
RS54	Installation and remove curbing with asphalt	16-50 ft	Linear Ft	
RS55	Installation and remove curbing with asphalt	>50 ft	Linear Ft	
RS56	Installation and remove curbing with granite	< = 15 ft	Linear Ft	
RS57	Installation and remove curbing with granite	16-50 ft	Linear Ft	
RS58	Installation and remove curbing with granite	>50 ft	Linear Ft	
RS59	Installation and remove curbing with concrete	< = 15 ft	Linear Ft	
RS60	Installation and remove curbing with concrete	16-50 ft	Linear Ft	
RS61	Installation and remove curbing with concrete	>50 ft	Linear Ft	
RS62	Installation of loam and seed, minimum of 4"	< = 100 sq ft	Sq. Ft	
RS63	Installation of loam and seed, minimum of 4"	101-500 sq ft	Sq. Ft	
RS64	Installation of loam and seed, minimum of 4"	500-1000 sq ft	Sq. Ft	
RS65	Installation of loam and seed, minimum of 4"	1000-2000 sq ft	Sq. Ft	
RS66	Installation of loam and seed, minimum of 4"	>2000 sq ft	Sq. Ft	
RS67	Installation of sod	< = 100 sq ft	Sq. Ft	
RS68	Installation of sod	>100 sq ft	Sq. Ft	
RS69	Hydro seeding	< = 100 sq ft	Sq. Ft	
RS70	Hydro seeding	101-500 sq ft	Sq. Ft	
RS71	Hydro seeding	500-1000 sq ft	Sq. Ft	
RS72	Hydro seeding	1000-2000 sq ft	Sq. Ft	
RS73	Hydro seeding	>2000 sq ft	Sq. Ft	
RS74	Restoration only - Loam & Seed	<= 100 sq Ft	Sq Ft	
RS75	Mulching	< = 100 sq ft	Sq. Ft	
RS76	Mulching	101-500 sq ft	Sq. Ft	
RS77	Mulching	500-1000 sq ft	Sq. Ft	
RS78	Mulching	1000-2000 sq ft	Sq. Ft	
RS79	Mulching	>2000 sq ft	Sq. Ft	
RS80	Installation of shrub	<=5	Each	
RS81	Installation of shrub	>5	Each	
RS82	Installation of trees	<=5	Each	
RS83	Installation of trees	>5	Each	
RS84	Removal of shrub	<=5	Each	
RS85	Removal of shrub	>5	Each	
RS86	Removal of trees	<=5	Each	
RS87	Removal of trees	>5	Each	
RS88	Installation of silt fencing	< = 100 ft	Linear Ft	
RS89	Installation of silt fencing	101-500 ft	Linear Ft	
RS90	Installation of silt fencing	> 500 ft	Linear Ft	
RS91	Installation of hay bale	< = 100 ft	Linear Ft	
RS92	Installation of hay bale	101-500 ft	Linear Ft	
RS93	Installation of hay bale	> 500 ft	Linear Ft	

RS94	Installation of wattle	< = 100 ft	Linear Ft	
RS95	Installation of wattle	101-500 ft	Linear Ft	
RS96	Installation of wattle	> 500 ft	Linear Ft	
RS97	Installation of temporary access or apron	< 1000 sq. ft	Sq. Ft	
RS98	Installation of temporary access or apron	1000-2000 sq. ft	Sq. Ft	
RS99	Installation of temporary access or apron	>2000 sq ft	Sq. Ft	
RS100	Removal of silt fencing	< = 100 ft	Linear Ft	
RS101	Removal of silt fencing	101-500 ft	Linear Ft	
RS102	Removal of silt fencing	> 500 ft	Linear Ft	
RS103	Removal of hay bale	< = 100 ft	Linear Ft	
RS104	Removal of hay bale	101-500 ft	Linear Ft	
RS105	Removal of hay bale	> 500 ft	Linear Ft	
RS106	Removal of wattle	< = 100 ft	Linear Ft	
RS107	Removal of wattle	101-500 ft	Linear Ft	
RS108	Removal of wattle	> 500 ft	Linear Ft	
RS109	Removal of temporary access or apron	< 1000 sq. ft	Sq. Ft	
RS110	Removal of temporary access or apron	1000-2000 sq. ft	Sq. Ft	
RS111	Removal of temporary access or apron	>2000 sq ft	Sq. Ft	
RS112	Installation and removal of matting	Per Installation/R	Sq. Ft	
RS113	Backfilling with not-excavated material - Compactable	<=5 ton	Ton	
RS114	Backfilling with not-excavated material - Compactable	6-25 ton	Ton	
RS115	Backfilling with not-excavated material - Compactable	>25 ton	Ton	
RS116	Backfilling with not-excavated material - Non compactable	<=5 ton	Ton	
RS117	Backfilling with not-excavated material - Non compactable	6-25 ton	Ton	
RS118	Backfilling with not-excavated material - Non compactable	>25 ton	Ton	
RS119	Stoning - reinstall stone into a yard after the work is complete	<=5 ton	Ton	
RS120	Stoning - reinstall stone into a yard after the work is complete	6-25 ton	Ton	
RS121	Stoning - reinstall stone into a yard after the work is complete	>25 ton	Ton	
RS122	Installion of Subbase	<= 100 sq ft	Sq Ft	
RS123	Installion of Subbase	101-500 sq ft	Sq Ft	
RS124	Installion of Subbase	500-1000 sq ft	Sq Ft	
RS125	Installion of Subbase	1000-2000 sq ft	Sq Ft	
RS126	Installion of Subbase	>2000 sq ft	Sq. Ft	
RS127	Removal of non-contractor generated spoils	Per Removal	Each	
RS128	Installation of Safety Fence	<= 100 ft	Linear Ft	
RS129	Installation of Safety Fence	101-500 ft	Linear Ft	
RS130	Installation of Safety Fence	> 500 ft	Linear Ft	
RS131	Removal of Safety Fence	<= 100 ft	Linear Ft	
RS132	Removal of Safety Fence	101-500 ft	Linear Ft	
RS133	Removal of Safety Fence	> 500 ft	Linear Ft	
RS134	Preparation and installation of top-coat asphalt (up to 3") - Re	Per Job	Sq. Ft	
EQ1	ATV (mule with tracks)		Per Hr	
EQ2	Rubber Tire Backhoe, Case 580 or equivalent		Per Hr	
EQ3	Backhoe w/Ho-Ram Attachment		Per Hr	
EQ4	Cribbing		Per Day	
EQ5	D3 Bulldozer or equivalent		Per Hr	
EQ6	D5 Bulldozer or equivalent		Per Hr	

EQ7	D6 Bulldozer or equivalent		Per Hr	
EQ8	Plate compactor		Per Hr	
EQ9	Rammer Compactor (trench type)		Per Hr	
EQ10	Compressor, Tag-a-long		Per Hr	
EQ11	400 CFM HP air-compressor		Per Hr	
EQ12	825-950 CFM air-compressor (for 18" drill)		Per Hr	
EQ13	1300 CFM HP air-compressor (for 24" drill)		Per Hr	
EQ14	Crane Truck - 12 ton		Per Hr	
EQ15	Crane Truck - 18 ton		Per Hr	
EQ16	Crane Truck - 20 ton		Per Hr	
EQ17	Crane Truck 22 ton Manitex w/ Basket		Per Hr	
EQ18	Crane Truck - 25 ton 4x6		Per Hr	
EQ19	Crane Truck - 30 ton 4x6		Per Hr	
EQ20	Crane Truck 30 ton Manitex w/ Basket		Per Hr	
EQ21	Crane Truck - 35 ton boom 6X8		Per Hr	
EQ22	Crane 30 ton track (Mantis)		Per Day	
EQ23	Crane 40 ton track (Mantis)		Per Day	
EQ24	Pressure Digger (Minimal Invasive Digging Equipment)		Per Hr	
EQ25	UTV track mounted digger derrick w/ man-bucket		Per Hr	
EQ26	Directional Drill Machine		Per Hr	
EQ27	Small Dump Truck (6 Wheel) approximate capacity 2-3 CY		Per Hr	
EQ28	Medium Dump Truck (6 Wheel) approximate capacity 5-7 CY		Per Hr	
EQ29	Large Dump Truck (6 Wheel) approximate capacity 10-12 CY		Per Hr	
EQ30	Ten Wheeler Tri-Axle approximate Capacity 12+ CY		Per Hr	
EQ31	Small Excavator (10,000 to 30,000 lbs)		Per Hr	
EQ32	Medium Excavator (between 30,000- 50,000 lbs)		Per Hr	
EQ33	Large Excavator(above 50,000 lbs)		Per Hr	
EQ34	Excavator (Mini) up to 10,000lbs		Per Hr	
EQ35	Small Excavator w/ Ho Ram Attachment		Per Hr	
EQ36	Medium Excavator w/ Ho Ram Attachment		Per Hr	
EQ37	Large Excavator w/ Ho Ram Attachment		Per Hr	
EQ38	Excavator (Mini) w/ Ho Ram Attachment		Per Hr	
EQ39	Generator (Tow Behind)		Per Hr	
EQ40	Generator (Portable)		Per Hr	
EQ41	Gradall		Per Hr	
EQ42	Ground heater with power		Per Day	
EQ43	Skid Steer Loader		Per Hr	
EQ44	Front End Loader 5cy		Per Hr	
EQ45	Front End Loader 7cy		Per Hr	
EQ46	Mortar/Cement Mixer		Per Hr	
EQ47	Mulch Blower		Per Hr	
EQ48	Service Truck F-350		Per Hr	
EQ49	Pickup F-250		Per Hr	
EQ50	Pickup (Small)		Per Hr	
EQ51	Pneumatic Fence Post Driver		Per Hr	
EQ52	Pressure Washer		Per Hr	
EQ53	Pump 3" Mud Sucker/Trash Type		Per Hr	

EQ54	18" Rock Drill		Per Hr	
EQ55	24" Rock Drill		Per Hr	
EQ56	Vibratory Roller (< = 5 tons)		Per hr	
EQ57	Vibratory Roller (> 5 Ton)		Per Hr	
EQ58	Sander (6 Wheel)		Per Hr	
EQ59	Chainsaw		Per Hr	
EQ60	Road saw (Capable of cutting to 10" depth)		Per Hr	
EQ61	Power Screed		Per Hr	
EQ62	Metal Sheers		Per Hr	
EQ63	Steel Plate up to 5' X 10'		Per Day	
EQ64	Steel Plate larger than 5' X 10'		Per Day	
EQ65	Light Tower		Per Hr	
EQ66	Electronic Message signboard		Per Day	
EQ67	Traffic barrels with flashing		Per Day	
EQ68	Attenuator Crash Truck for Work Area Protection		Per Day	
EQ69	Barrier Vehicle		Per Day	
EQ70	Arrow Board - Tow behind		Per Day	
EQ71	Jersey barriers		Per Day	
EQ72	Power lighting stand/plant		Per Day	
EQ73	Trailer with water		Per Hr	
EQ74	Equipment trailer 20 ton		Per Hr	
EQ75	Landscape Trailer up to 3 ton		Per Hr	
EQ76	Utility Trailer 6 ton		Per Hr	
EQ77	Low-Boy Tri-Axle Trailer		Per Hr	
EQ78	Flow fill/Concrete Trailer (Portable Unit)		Per Hr	
EQ79	Cable Reel Trailer		Per Hr	
EQ80	Walk behind trencher		Per Hr	
EQ81	Trench Box (Capable of Securing up to a 4 way MH)		Per Hr	
EQ82	Power Trowel		Per Hr	
EQ83	Welding Truck		Per Hr	
EQ84	Flow fill/Concrete Batch Truck		Per Hr	
EQ85	Boom Truck (5 Ton)		Per Hr	
EQ86	Winch/Duct Rodding Truck		Per Hr	
EQ87	Digger-derrick (“pole setter” / auger truck)		Per Hr	
EQ88	Tool Truck		Per Hr	
EQ89	Tow Behind Vacuum Excavation		Per Hr	
EQ90	6 Wheel Vacuum Excavation		Per Hr	
EQ91	10 Wheel Vacuum Excavation		Per Hr	
EQ92	Ground Water Pump, 3"		Per Hr	
EQ93	18-24” depth saw attachment for skid steer		Per Hr	
EQ94	Brush cutter / brush mower attachment for skid steer		Per Hr	
EQ95	Snow blower attachment for skid steer		Per Hr	
MM1	2 man crew straight time		Per Hr	
MM2	3 man crew straight time		Per Hr	
MM3	4 man crew straight time		Per Hr	
MM4	2 man crew overtime		Per Hr	
MM5	3 man crew overtime		Per Hr	

MM6	4 man crew overtime		Per Hr	
MM7	2 man crew double time		Per Hr	
MM8	3 man crew double time		Per Hr	
MM9	4 man crew double time		Per Hr	
MM10	Estimating Only		Per Hr	
MM11	Spotter		Per Hr	
MM12	Flaggers		Per Hr	
MM13	Flaggers Overtime		Per Hr	
MM14	Flagging the Site		Per Day	
MM15	Producing a GPR Report		Per Day	
MM16	2 man crew travel unit		Each	
MM17	3 man crew travel unit		Each	
MM18	4 man crew travel unit		Each	
MM19	2 man crew premium time unit		Per Hr	
MM20	3 man crew premium time unit		Per Hr	
MM21	4 man crew premium time unit		Per Hr	
MM22	Teamster / Dump Truck Driver - Straight Time		Per Hr	
MM23	Teamster / Dump Truck Driver - Overtime		Per Hr	
MM24	Teamster / Dump Truck Driver - Double Time		Per Hr	
MM25	Equipment Operator - Straight Time		Per Hr	
MM26	Equipment Operator - Overtime		Per Hr	
MM27	Equipment Operator - Double Time		Per Hr	
MM28	Laborer - Straight Time		Per Hr	
MM29	Laborer - Overtime		Per Hr	
MM30	Laborer - Double Time		Per Hr	
MM31	Foreman - Straight Time		Per Hr	
MM32	Foreman - Overtime		Per Hr	
MM33	Foreman - Double Time		Per Hr	
AP1	Asphalt, Top		Ton	
AP2	Asphalt, UPM Cold Patch		Ton	
AP3	Asphalt, Tack coat		Gallon	
AP4	Asphalt, Binder		Ton	
AP5	Asphalt, Winter Mix (adder to top and binder above)		Ton	
AP6	Asphalt, Sealer		Gallon	
CC1	2000 PSI		Cubic Yar	
CC2	2500 PSI		Cubic Yar	
CC3	3000 PSI		Cubic Yar	
CC4	3500 PSI		Cubic Yar	
CC5	4000 PSI		Cubic Yar	
CC6	4500 PSI		Cubic Yar	
CC7	5000 PSI		Cubic Yar	
CC8	Adder- After Hours		Cubic Yar	
CC9	Colored Concrete		Cubic Yar	
CC10	Adder- Winter Concrete		Cubic Yar	
CC11	Partial Load 5yd Min		Each	
CC12	2% Accelerator (adder to above CY pricing)		Cubic Yar	
CC13	Concrete, Mesh sheet typical 8 x 4		SF	

CC14	Concrete, Sealer		Gallon	
CC15	Controlled Destiny Fill		Cubic Yar	
CC16	12" Sonotube		Linear Fo	
CC17	18" Sonotube		Linear Fo	
CC18	24" Sonotube		Linear Fo	
CC19	36" Sonotube		Linear Fo	
CC20	Concrete, Expansion per 10LF		Linear Fo	
CC21	Quickcrete		Pound	
FT1	Fertilizer		Pound	
ML1	Mulch bag		Cubic Foo	
ML2	Mulch CY		Cubic Yar	
ST1	3/4" Stone		Ton	
ST2	3/4" Proc Blend		Ton	
ST3	3/4" Proc Grav		Ton	
ST4	1" Crusher run		Ton	
ST5	1 1/2" Proc Grav		Ton	
ST6	1 1/2" Stone		Ton	
ST7	2" Crusher		Ton	
ST8	2"-4" Erosion Stone		Ton	
ST9	6" - 10" Trap Stone		Ton	
ST10	#1 Crushed Stone		Ton	
ST11	#2 Crushed Stone		Ton	
ST12	#1 and 2 Mixed		Ton	
ST13	Pea Gravel		Ton	
ST14	Screenings		Ton	
ST15	Surge Stone		Ton	
TS1	Topsoil		Cubic Yar	
TS2	Topsoil		Cubic Yar	
SE1	Seedaid		Pound	
SE2	Seed		Pound	
SO1	Sod		SQ FT	
SA1	Sand		Ton	
DL1	#3 Rebar		Each	
DL2	#4 Rebar		Each	
DL3	#5 Rebar		Each	
DL4	#6 Rebar		Each	
FB1	Geo-Roll(Per roll)		Each	
FB2	Geo-SY		SQ Yard	
GR1	Grout		Pound	
HP1	Handi 2 x 3		Each	
HP2	Handi 2 x 4		Each	
HP3	Handi 2 x 5		Each	
MO1	Mortar		Pound	
SF1	Silt Fence(Per roll)		Each	
SF2	Dirt Bag		Each	
SB1	Sand		Pound	
HB1	Haybale		Each	

SW1	<12" diameter		Linear Fo	
BG1	Silt Sack		Each	
SS1	Survey Stakes		Each	
BR1	Bricks 1/2		Each	
BR2	Bricks Full		Each	
CT2-1			Linear Fo	
CT2-2			Each	
CT2-3			Each	
CT2-4			Each	
CT2-5			Each	
CT2-6			Each	
CT2-7			Each	
CT2-8			Each	
CT2-9			Each	
CT2-10			Each	
CT2-11			Each	
CT2-12			Linear Fo	
CT2-13			Linear Fo	
CT2-14			Each	
CT2-15			Each	
CT2-16			Each	
CT2-17			Each	
CT2-18			Each	
CT2-19			Each	
CT2-20			Each	
CT2-21			Each	
CT2-22			Each	
CT2-23			Each	
CT2-24			Each	
CT2-25			Each	
CT2-26			Each	
CT2-27			Each	
CT2-28			Each	
CT2-29			Each	
CT2-30			Each	
CT2-31			Each	
CT3-1			Linear Fo	
CT3-2			Each	
CT3-3			Each	
CT3-4			Each	
CT3-5			Each	
CT3-6			Each	
CT3-7			Each	
CT3-8			Each	
CT3-9			Each	
CT3-10			Each	
CT3-11			Each	

CT3-12			Linear Fo		[redacted]
CT3-13			Linear Fo		
CT3-14			Each		
CT3-15			Each		
CT3-16			Each		
CT3-17			Each		
CT3-18			Each		
CT3-19			Each		
CT3-20			Each		
CT3-21			Each		
CT3-22			Each		
CT3-23			Each		
CT3-24			Each		
CT3-25			Each		
CT3-26			Each		
CT3-27			Each		
CT3-28			Each		
CT3-29			Each		
CT3-30			Each		
CT3-31			Each		
CT4-1			Linear Fo		
CT4-2			Each		
CT4-3			Each		
CT4-4			Each		
CT4-5			Each		
CT4-6			Each		
CT4-7			Each		
CT4-8			Each		
CT4-9			Each		
CT4-10			Each		
CT4-11			Each		
CT4-12			Linear Fo		
CT4-13			Linear Fo		
CT4-14			Each		
CT4-15			Each		
CT4-16			Each		
CT4-17			Each		
CT4-18			Each		
CT4-19			Each		
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CT4-24			Each		
CT4-25			Each		
CT4-26			Each		
CT4-27			Each		

CT4-28			Each	
CT4-29			Each	
CT4-30			Each	
CT4-31			Each	
CT5-1			Linear Fo	
CT5-2			Each	
CT5-3			Each	
CT5-4			Each	
CT5-5			Each	
CT5-6			Each	
CT5-7			Each	
CT5-8			Each	
CT5-9			Each	
CT5-10			Each	
CT5-11			Each	
CT5-12			Linear Fo	
CT5-13			Linear Fo	
CT5-14			Each	
CT5-15			Each	
CT5-16			Each	
CT5-17			Each	
CT5-18			Each	
CT5-19			Each	
CT5-20			Each	
CT5-21			Each	
CT5-22			Each	
CT5-23			Each	
CT5-24			Each	
CT5-25			Each	
CT5-26			Each	
CT5-27			Each	
CT5-28			Each	
CT5-29			Each	
CT5-30			Each	
CT5-31			Each	
CT1	PVC Glue		Quart	
CT2	Twine Spiral Wrap		Linear Fo	
CT3	Mule Tape 2500 lb		Linear Fo	
CT4	Direct Bury Tape		Linear Fo	
CT5	Lag Bolts		Each	
CT6	Handhole, Street Light		Each	
CT7	Pull Box		Each	
CT8	Handhole, Secondary		Each	
CT9	Heavy Duty HH		Each	
CT10	Precast Satellite Sidewalk MH		Each	
CT11	2 Way MH		Each	
CT12	Switch Gear MH		Each	

CT13	3 Way MH		Each	[redacted]
CT14	4 Way MH		Each	[redacted]

SCHEDULE D

Work Authorization Form

SCHEDULE E

Contractor Safety Requirements

SCHEDULE F

Contractor Environmental Requirements

SCHEDULE G

Requirements for Contractor Employee Background Checks

SCHEDULE H

Insurance Requirements & Certificate

SCHEDULE I

Terms and Conditions for Construction, Form 00700, Rev. Oct., 2015

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TERMS AND CONDITIONS FOR CONSTRUCTION

Form 00700 (Rev. April 11, 2016)