



**\*\*\*THIS IS A PURCHASE ORDER CHANGE\*\*\***

**CONTRACT PURCHASE AGREEMENT #401550, SAP PO's:  
SAP PO# 3200230538, Brooklyn  
SAP PO # 3200230561 Queens  
SAP PO # 3200230566 Staten Island**

**This Contract Purchase Agreement Change Order Contract Extension 2016** made and entered into effective April 1, 2016 by and between **The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corporation d/b/a National Grid**, ("Company"), a corporation organized under the laws of the State of New York, having its office and principal place of business at 175 East Old Country Road, Hicksville, New York, 11801; and **Hallen Construction Company, Inc.** ("Contractor") having its office and principal place of business at 4270 Austin Blvd., Island Park, New York, 11558.

**WITNESSETH:**

**WHEREAS**, the parties agree to amend the terms and conditions of the Purchase Order previously entered into by the parties on April 1, 2010.

**NOW, THEREFORE**, in consideration of the terms and conditions previously agreed to and additional considerations incorporated herein, the parties agree that the Contract Purchase Agreement shall be amended as follows:

**CONTRACT TERM**

The Parties acknowledge that notwithstanding that they omitted to formally extend the term of the Purchase Order in writing upon its expiry on March 31, 2016, it was the mutual intention of the Parties to amend the Purchase Order by March 31, 2016, and accordingly, the Parties have continued to conduct their relationship to date in an effort to do so and as if this was done. To that end, the Parties mutually agree that while the Parties have executed this Purchase Order on the dates as set forth in the signature blocks below, this Purchase Order shall be retroactively effective as of April 1, 2016. Therefore, the Purchase Order for Mains & Services Installation Work in the Brooklyn, Queens and Staten Island regions shall be extended an additional five (5) years from April 1, 2016 through March 31, 2021.

**CHANGE ORDER PROVISIONS**

The following revised terms and conditions shall apply for this contract extension:

- Immediate across the board cost reduction of █% for all Mains and Service Work effective December 1, 2015.
- Reduction of D&R units by an additional █%. Effective 12-1-2015.
- Pricing to be held firm through April 1, 2017
- Yearly Escalator: █% as defined in our current contract for contract years beginning April 2017
- Tiered volume adjustment will be applied from April 2017 to end of contract. Annual adjustments to the unitized and T&M pricing will occur as follows; for every █% change in total spend, the escalator/de-escalator will be adjusted by █%. Collars will be in place for growth/decline that's above/below █%. For clarity, see the table below

Growth Rate	Unitized Price Adjustment
[REDACTED]	

The base line used to determine the growth rate will be the 12 month calendar years spend for the prior year. The base-lines will be reset each year based upon the previous year spend. The unitized pricing will be adjusted accordingly from the agreed upon █% escalator. As an example:

Effective Date	Adjustment to unitized pricing	Spend with Hallen for prior calendar year	Change in \$	Increase in Spend
October 2015	█%			
April 2016			N/A	N/A
April 2017	[REDACTED]			
April 2018	[REDACTED]			
April 2019	[REDACTED]			
April 2020	[REDACTED]			

**REVISIONS TO CONTRACT DOCUMENTS**

**TERMS & CONDITIONS** – Terms and Conditions for Construction Purchase Orders, form 0700 (rev. October 13, 2015)

**Schedule A** – Supplemental Conditions

**Schedule B** – Gas Mains and Services Installation Unit Definitions

**Schedule C** - Specifications for Gas Mains & Services Installations

**Attachment A** – Pricing Workbook Effective December 1, 2015

This Contract Extension shall be governed by the by the Terms and Conditions set forth in the "Agreement between Keyspan Corporate Services LLC and the Hallen Construction Co., Inc. - Gas Mains & Services Installation - Brooklyn, Queens, & Staten Island Regions."

Work will be authorized for payment utilizing National Grid's Interface billing system.

All other terms and conditions of the original Contract Purchase Agreement and all amendments thereto remain unchanged.

In the absence of Contractor's written acknowledgment of this Change Order Contract Extension 2016, performance of any part of the work Hallen Construction Company, Inc. shall be deemed to constitute Contractor's unqualified acceptance of all provisions of this Change Order Contract Extension 2016.

Company reserves the right, at its sole option, to cancel this Purchase Order for any reason without penalty.

**Hallen Construction Co., Inc.**

**The Brooklyn Union Gas Company d/b/a  
National Grid NY and KeySpan Gas East  
Corporation d/b/a National Grid**

  
\_\_\_\_\_  
Signature

Pascale J. Ambrosio  
\_\_\_\_\_  
Print Name

Executive Vice President  
\_\_\_\_\_  
Title

12 - 15 - 16  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Signature

VIVIANNE BRACKEN  
\_\_\_\_\_  
Print Name

SVP CPO  
\_\_\_\_\_  
Title

14 December 2016  
\_\_\_\_\_  
Date

## **TERMS AND CONDITIONS**

Terms and Conditions for Construction Purchase  
Orders, Form 0700 (rev. Oct, 13, 2015)



**TERMS AND  
CONDITIONS  
FOR  
CONSTRUCTION**

**Form 00700 (Rev. October 13, 2015)**

**SCHEDULE A**

**SUPPLEMENTAL CONDITIONS  
to  
TERMS AND CONDITIONS FOR CONSTRUCTION  
Document No. 00700, (Rev. 13 October 2015)**

**Between**

**THE BROOKLYN UNION GAS COMPANY D/B/A NATIONAL GRID NY  
& KEYSpan GAS EAST CORPORATION D/B/A NATIONAL GRID**

**and**

**HALLEN CONSTRUCTION COMPANY, INC.**

The following Supplemental Conditions terms and conditions (“Supplemental Conditions”) shall supplement Schedule A – Terms and Conditions for Construction 007000 (“Terms and Conditions”). In the event of any conflict or inconsistency between these Supplemental Conditions and the Terms and Conditions, these Supplemental Conditions shall control.

**SCOPE OF WORK**

**Article 2.3** shall be deleted in its entirety and replaced with “**RESERVED.**”

**2.3 RESERVED.**

**Article 2.6** shall be modified by deleting the second sentence and now read as follows:

**2.6 The Company and its engineers make no warranty for the detail, accuracy, or completeness of the Contract Documents including, but not limited to, the Specifications and Drawings.**

**PERMITS AND LICENSES**

**Article 5.2** shall be modified by striking the end of the last sentence and now read as follows:

**5.2 The Contractor shall maintain all permits and licenses required and necessary to complete the Work so that it complies with all applicable laws, rules, regulations, requirements, orders, directives, ordinances, codes and standards of all Federal, state, and local governmental agencies having jurisdiction over the Company and its Affiliates, the Contractor, the Subcontractors, or the Project.**

**WARRANTY/REMEDY**

Article 8.1 shall be modified and now read as follows:

8.1 .....5) that all Work shall be free from defects in workmanship, and Contractor supplied materials of any kind, for a period of 12 months from the date placed in service or 24 months from the date of receipt, whichever is later;.....

**PRICE/PAYMENT**

Article 9.2 shall be modified and now read as follows:

9.2 Standard payment terms are “██████.”.....

Article 9.8 shall be deleted in its entirety and replaced with “RESERVED.”

9.8 RESERVED.

**WITHHOLDING PAYMENT**

Article 13.1.9 shall be modified and now read as follows:

**13.1.9 Environmental damage caused by Contractor or any Subcontractor, or environmental damage exacerbated by the negligence of Contractor or any Subcontractor.**

**CHANGES TO WORK SCOPE/AGREEMENT CHANGES**

Article 14.5.1 shall be modified and now read as follows:

14.5.1 Reimbursement for all labor will be based on the actual direct verifiable amount of time incurred in performing the changes, at the labor rates set forth in the Agreement, which labor rates include all indirect and overhead expenses, including, but not limited to, field supervision, an allowance for small tools and equipment with a value less than \$1,000.00, and an allowance for new, and light duty vehicles up to 1.5 tons gross weight, and such items shall not be separately charged.

Article 14.5.5 shall be modified and now read as follows:

14.5.5 Reimbursement shall not be allowed for any equipment or tools with a new cost of the equivalent of one thousand Dollars (\$1,000.000) or less, each.

Article 14.5.7 shall be modified and now read as follows:

14.5.7 .....Reimbursement shall not be allowed for any equipment or tools with a new cost of the equivalent of one thousand Dollars (\$1,000.000) or less, each.

## INSURANCE

Article 23.1.7 shall be deleted in its entirety and replaced with “RESERVED.”

### **23.1.7 RESERVED.**

Article 23.2 shall be modified by striking the last sentence and replacing it with “Contractor shall consult with the Company prior to procuring governmental or site specific insurance. If it is determined that additional governmental or site specific insurance is required, Contractor will be reasonably compensated for the cost of said insurance after receipt of a proper invoice.” and now read as follows:

**23.2** These requirements are in addition to any which may be required elsewhere in this Agreement. In addition, the Contractor shall comply with any governmental and/or site-specific insurance requirements even if not stated herein. This includes providing evidence of insurance and additional insured status, if necessary, to any third party property owner on which the Contractor’s work activities associated with this Agreement may be taking place as required by law or permit. Contractor shall consult with the Company prior to procuring governmental or site specific insurance. If it is determined that additional governmental or site specific insurance is required, Contractor will be reasonably compensated for the cost of said insurance after receipt of a proper invoice.

Article 23.3 shall be modified and now read as follows:

**23.3** Subcontractors. In the event that the Contractor uses subcontractors in connection with the provision of the Goods or Services, the Contractor shall require all such subcontractors provide the same insurance as shown in Sections 23.1.1, 23.1.2, 23.1.3, and 23.1.4 For subcontractors with minimal exposures, the contractor may use their discretion to determine appropriate insurance coverage and limits provided that the require coverage and limits are reasonable and customary to work being performed. The Contractor shall remain liable for the performance of the subcontractor, and such contract relationship shall not relieve the Contractor of its obligations under this agreement. In additions, such subcontractor shall name both the Insured Entities and Contractor as additional insured under coverages in Sections 23.1.2, 23.1.3 and 23.1.4. If requested, Contractor will provide Company with an insurance certificate from its subcontractor evidencing this coverage.

## DOCUMENTS/INTELLECTUAL PROPERTY

Article 27.5 shall be modified and now read as follows:

**27.5** Any and all drawings and other deliverables provided or prepared under this Agreement, including, without limitation, systems designs, original drawings, specifications, final project specific calculations, computer-aided design and drafting data and files, and other engineering documents which Contractor or Contractor’s partner(s), employee(s), agent(s), vendor(s), contractor(s), supplier(s) or any other party employed by Contractor, or subcontractor to Contractor of any tier, to satisfy its obligation under the Agreement (the “Deliverables”) shall be work made for hire and shall be deemed the property of Company. All such Deliverables, as well as all copyrightable expressions thereof, shall be deemed to fit into one or more of the specifically enumerated categories of works contained in 17 U.S.C. Section 101 et sea, and any subsequent

revisions thereof. The Contractor and/or Contractor's partner(s), employee(s), agent(s), vendor(s), contractor(s), supplier(s), or any other party employed by Contractor, or subcontractor to Contractor of any tier, to satisfy its obligation under the Agreement shall promptly furnish Company with complete information, including, without limitation, a written description thereof giving the date of the work, invention or expression and naming the inventors or authors and others involved in the development or writing of the work, invention or expression of the Deliverable. Company shall have the sole power to determine whether or not and in which countries and jurisdictions patent application shall be filed or copyrights registered and to determine the disposition of title to and rights in any works, expressions, inventions, ideas, discoveries, improvements or developments and in any United States and foreign patent applications, patents or copyrights that may result. Memoranda, notes and experimental works, descriptions, diagrams and other data generated in performance of the Work pertaining to any and all Deliverables covered by the Agreement shall be available at reasonable times to Company. Contractor shall assist Company in the implementation of this section by obtaining and providing detailed written descriptions of each Deliverables sufficient for filing patent or copyright applications, by providing an evaluation of the patentability or copyrightability of each disclosure, by assisting Company in the prosecution of patent and copyright applications, and by executing or having executed by appropriate persons any and all documents which may be necessary or desirable to cause title in such Deliverables to vest with Company. The cost of such assistance shall be considered separate and distinct and shall be mutually agreed upon between the Company and Contractor.

Notwithstanding the foregoing, any intellectual property that was created prior to the Agreement or was not created by Contractor as a Deliverable for Company under this Agreement ("Consultant Pre-existing IP"), shall remain the property of Contractor. Contractor hereby grants to Company a non-exclusive, non-transferrable, irrevocable, royalty-free, perpetual worldwide license to use the Consultant Pre-Existing IP to the extent Company deems appropriate.

#### **LIENS/BONDS**

Article 36.9 shall be deleted in its entirety and replaced with "RESERVED."

**36.9 RESERVED.**

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## **SCHEDULE B**

Gas Mains and Services  
Installation Unit Definitions Rev 8, 2011



**Brooklyn, Queens & Staten Island  
Gas Mains & Services Installation  
Unit Definitions**

*April, 2011*

## **SCHEDULE C**

Specifications for Gas Mains & Services Installations



**Brooklyn, Queens & Staten Island  
Gas Mains & Services Installation  
Contract Specifications**

*January, 2011*

# **ATTACHMENT A**

Pricing Workbook Effective December 1, 2015

**CONFIDENTIAL**

**MAINS UP TO 100 FEET LONG**

Type of Work	Material	Pressure	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Extension	Plastic	LP	1' to 60'	LP Main Extension (Includes Connections & Pits)	Soft	2"	Lump SUM	XA963
					Hard ≤ 9"		Lump SUM	XM163
					Hard > 9"		Lump SUM	XN153
					Soft	4"	Lump SUM	XA964
					Hard ≤ 9"		Lump SUM	XM164
					Hard > 9"		Lump SUM	XN154
					Soft	6" & 8"	Lump SUM	XA965
					Hard ≤ 9"		Lump SUM	XM165
					Hard > 9"		Lump SUM	XN155
					Soft	12"	Lump SUM	XA966
					Hard ≤ 9"		Lump SUM	XM166
					Hard > 9"		Lump SUM	XN156
Main Extension	Plastic	HP	1' to 60'	HP Main Extension (Includes Connections & Pits)	Soft	2"	Lump SUM	XA972
					Hard ≤ 9"		Lump SUM	XM172
					Hard > 9"		Lump SUM	XN162
					Soft	4"	Lump SUM	XA973
					Hard ≤ 9"		Lump SUM	XM173
					Hard > 9"		Lump SUM	XN163
					Soft	6" & 8"	Lump SUM	XA974
					Hard ≤ 9"		Lump SUM	XM174
					Hard > 9"		Lump SUM	XN164
					Soft	12"	Lump SUM	XA975
					Hard ≤ 9"		Lump SUM	XM175
					Hard > 9"		Lump SUM	XN165
Main Extension (adder)	Plastic	LP / HP	61' to 100'	Incremental to Lump SUM Main Extension (LP or HP)	Soft	2"	Per LF	XA954
					Hard ≤ 9"		Per LF	XM154
					Hard > 9"		Per LF	XN144
					Soft	4"	Per LF	XA955
					Hard ≤ 9"		Per LF	XM155
					Hard > 9"		Per LF	XN145
					Soft	6" & 8"	Per LF	XA956
					Hard ≤ 9"		Per LF	XM156
					Hard > 9"		Per LF	XN146
					Soft	12"	Per LF	XA957
					Hard ≤ 9"		Per LF	XM157
					Hard > 9"		Per LF	XN147

**HALLEN**

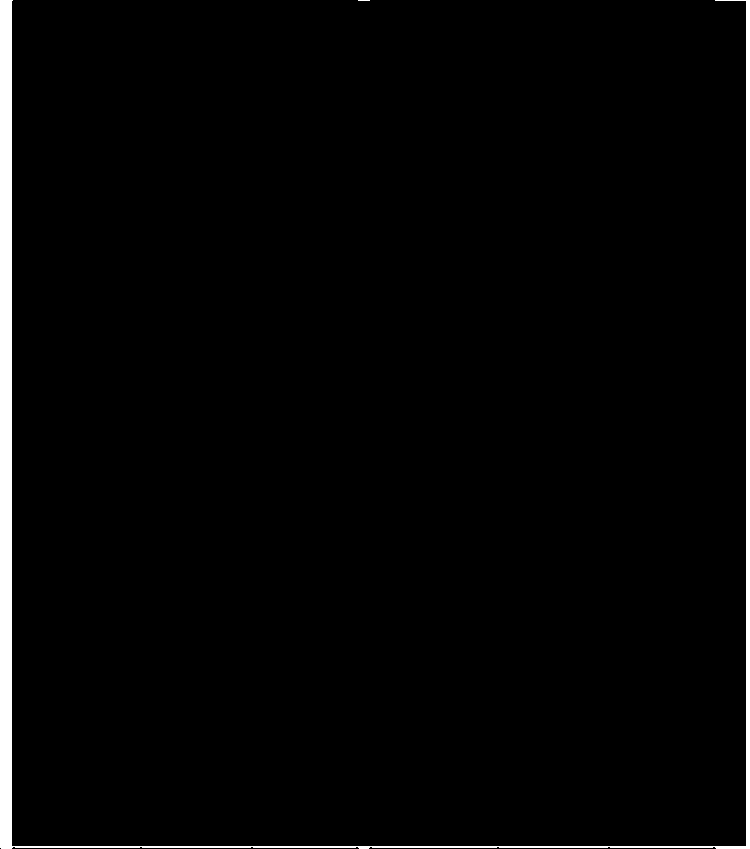
UNIT PRICES IN CCH INCLUDES ████ RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES ████% RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS UP TO 100 FEET LONG**

Type of Work	Material	Pressure	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Replacement	Plastic	LP	1' to 60'	LP Relay Main (Includes Connections & Pits)	Soft	2"	Lump SUM	XA909
					Hard ≤ 9"		Lump SUM	XM109
					Hard > 9"		Lump SUM	XN109
					Soft	4"	Lump SUM	XA910
					Hard ≤ 9"		Lump SUM	XM110
					Hard > 9"		Lump SUM	XN110
					Soft	6" & 8"	Lump SUM	XA911
					Hard ≤ 9"		Lump SUM	XM111
					Hard > 9"		Lump SUM	XN111
Soft	12"	Lump SUM	XA912					
Hard ≤ 9"		Lump SUM	XM112					
Hard > 9"		Lump SUM	XN112					
Main Replacement	Plastic	HP	1' to 60'	HP Relay Main (Includes Connection Pits)	Soft	2"	Lump SUM	XA918
					Hard ≤ 9"		Lump SUM	XM118
					Hard > 9"		Lump SUM	XN118
					Soft	4"	Lump SUM	XA919
					Hard ≤ 9"		Lump SUM	XM119
					Hard > 9"		Lump SUM	XN119
					Soft	6" & 8"	Lump SUM	XA920
					Hard ≤ 9"		Lump SUM	XM120
					Hard > 9"		Lump SUM	XN198
Soft	12"	Lump SUM	XA921					
Hard ≤ 9"		Lump SUM	XM121					
Hard > 9"		Lump SUM	XN199					
Main Replacement (adder)	Plastic	LP / HP	61' to 100'	Incremental to Lump SUM Relay Main (LP or HP)	Soft	2"	Per LF	XA900
					Hard ≤ 9"		Per LF	XM100
					Hard > 9"		Per LF	XN100
					Soft	4"	Per LF	XA901
					Hard ≤ 9"		Per LF	XM101
					Hard > 9"		Per LF	XN101
					Soft	6" & 8"	Per LF	XA902
					Hard ≤ 9"		Per LF	XM102
					Hard > 9"		Per LF	XN102
Soft	12"	Per LF	XA903					
Hard ≤ 9"		Per LF	XM103					
Hard > 9"		Per LF	XN103					

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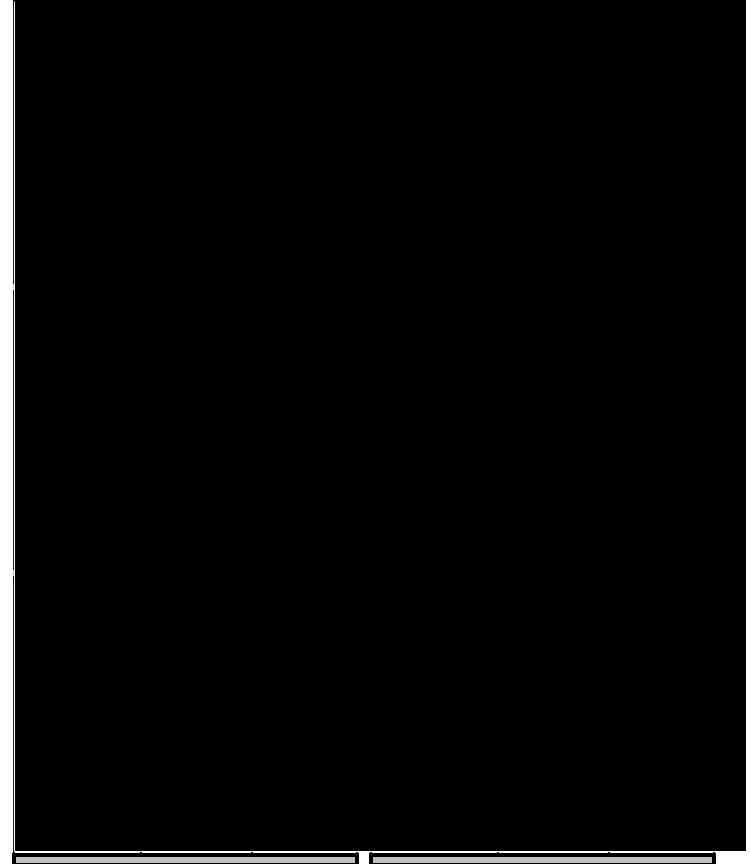
UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS UP TO 100 FEET LONG**

Type of Work	Material	Pressure	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Extension	Steel	LP	1' to 60'	LP Main Extension (Includes Connections & Pits)	Soft	2"	Lump SUM	XA967
					Hard ≤ 9"		Lump SUM	XM167
					Hard > 9"		Lump SUM	XN157
					Soft	4"	Lump SUM	XA968
					Hard ≤ 9"		Lump SUM	XM168
					Hard > 9"		Lump SUM	XN158
					Soft	6" & 8"	Lump SUM	XA969
					Hard ≤ 9"		Lump SUM	XM169
					Hard > 9"		Lump SUM	XN159
					Soft	12"	Lump SUM	XA970
					Hard ≤ 9"		Lump SUM	XM170
					Hard > 9"		Lump SUM	XN160
Soft	16"	Lump SUM	XA971					
Hard ≤ 9"		Lump SUM	XM171					
Hard > 9"		Lump SUM	XN161					
Main Extension	Steel	HP	1' to 60'	HP Main Extension (Includes Connection Pit)	Soft	2"	Lump SUM	XA976
					Hard ≤ 9"		Lump SUM	XM176
					Hard > 9"		Lump SUM	XN166
					Soft	4"	Lump SUM	XA977
					Hard ≤ 9"		Lump SUM	XM177
					Hard > 9"		Lump SUM	XN167
					Soft	6" & 8"	Lump SUM	XA978
					Hard ≤ 9"		Lump SUM	XM178
					Hard > 9"		Lump SUM	XN168
					Soft	12"	Lump SUM	XA979
					Hard ≤ 9"		Lump SUM	XM179
					Hard > 9"		Lump SUM	XN169
Soft	16"	Lump SUM	XA980					
Hard ≤ 9"		Lump SUM	XM180					
Hard > 9"		Lump SUM	XN170					

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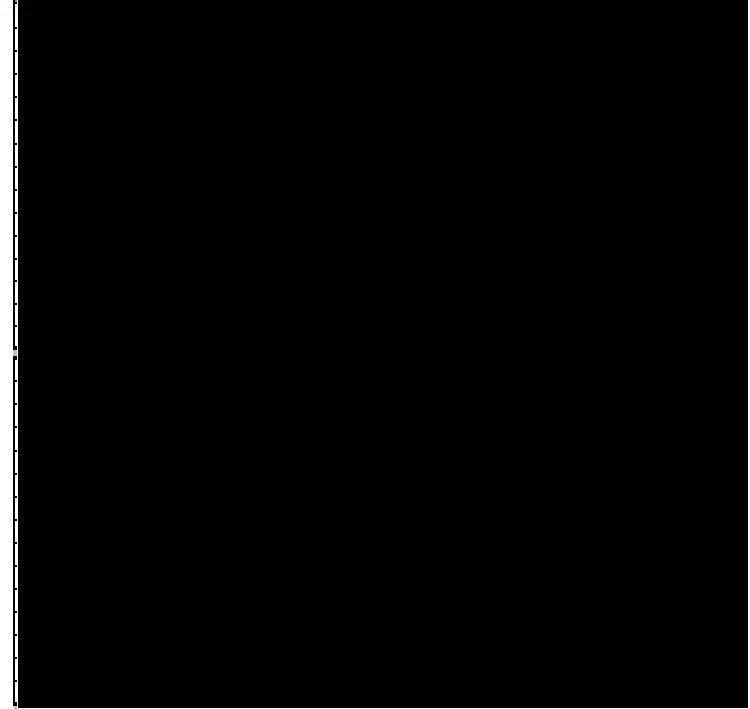
UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS UP TO 100 FEET LONG**

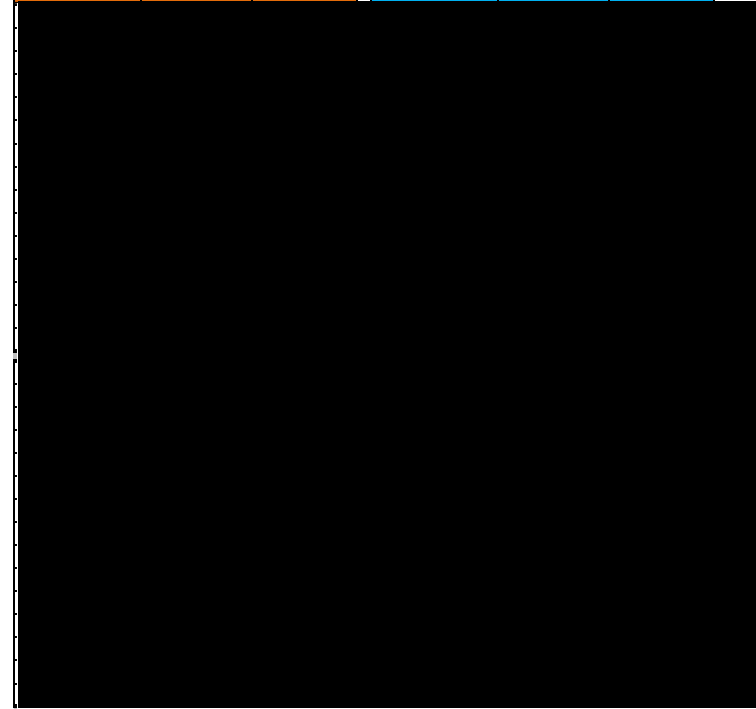
Type of Work	Material	Pressure	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Extension (adder)	Steel	LP / HP	61' to 100'	Incremental to Lump SUM Main extension (LP or HP)	Soft	2"	Per LF	XA958
					Hard ≤ 9"		Per LF	XM158
					Hard > 9"		Per LF	XN148
					Soft	4"	Per LF	XA959
					Hard ≤ 9"		Per LF	XM159
					Hard > 9"		Per LF	XN149
					Soft	6" & 8"	Per LF	XA960
					Hard ≤ 9"		Per LF	XM160
					Hard > 9"		Per LF	XN150
					Soft	12"	Per LF	XA961
					Hard ≤ 9"		Per LF	XM161
					Hard > 9"		Per LF	XN151
Soft	16"	Per LF	XA962					
Hard ≤ 9"		Per LF	XM162					
Hard > 9"		Per LF	XN152					
Main Replacement	Steel	LP	1' to 60'	LP Relay Main (Includes Connections & Pits)	Soft	2"	Lump SUM	XA913
					Hard ≤ 9"		Lump SUM	XM113
					Hard > 9"		Lump SUM	XN113
					Soft	4"	Lump SUM	XA914
					Hard ≤ 9"		Lump SUM	XM114
					Hard > 9"		Lump SUM	XN114
					Soft	6" & 8"	Lump SUM	XA915
					Hard ≤ 9"		Lump SUM	XM115
					Hard > 9"		Lump SUM	XN115
					Soft	12"	Lump SUM	XA916
					Hard ≤ 9"		Lump SUM	XM116
					Hard > 9"		Lump SUM	XN116
Soft	16"	Lump SUM	XA917					
Hard ≤ 9"		Lump SUM	XM117					
Hard > 9"		Lump SUM	XN117					

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS UP TO 100 FEET LONG**

Type of Work	Material	Pressure	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Replacement	Steel	HP	1' to 60'	HP Relay Main (Includes Connection Pits)	Soft	2"	Lump SUM	XA922
					Hard ≤ 9"		Lump SUM	XM122
					Hard > 9"		Lump SUM	XN200
					Soft	4"	Lump SUM	XA923
					Hard ≤ 9"		Lump SUM	XM123
					Hard > 9"		Lump SUM	XN201
					Soft	6" & 8"	Lump SUM	XA924
					Hard ≤ 9"		Lump SUM	XM124
					Hard > 9"		Lump SUM	XN202
					Soft	12"	Lump SUM	XA925
					Hard ≤ 9"		Lump SUM	XM125
					Hard > 9"		Lump SUM	XN203
Soft	16"	Lump SUM	XA926					
Hard ≤ 9"		Lump SUM	XM126					
Hard > 9"		Lump SUM	XN204					
Main Replacement (adder)	Steel	LP / HP	61' to 100'	Incremental to Lump SUM Relay Main (LP or HP)	Soft	2"	Per LF	XA904
					Hard ≤ 9"		Per LF	XM104
					Hard > 9"		Per LF	XN104
					Soft	4"	Per LF	XA905
					Hard ≤ 9"		Per LF	XM105
					Hard > 9"		Per LF	XN105
					Soft	6" & 8"	Per LF	XA906
					Hard ≤ 9"		Per LF	XM106
					Hard > 9"		Per LF	XN106
					Soft	12"	Per LF	XA907
					Hard ≤ 9"		Per LF	XM107
					Hard > 9"		Per LF	XN107
Soft	16"	Per LF	XA908					
Hard ≤ 9"		Per LF	XM108					
Hard > 9"		Per LF	XN108					
Install Steel Main Valve	Steel			Install Steel Main Valve (in conjunction with Main installation)		2"	Each	XP374
						4"	Each	XP375
						6" & 8"	Each	XP376
						12"	Each	XP377
						16"	Each	XP378

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## MAINS GREATER THAN 100 FEET LONG

Type of Work	Material	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Extension	Plastic	101' to 300'	LP/HP Main Extension - Installation only	Soft	2"	Per LF	XA981
				Hard ≤ 9"		Per LF	XM181
				Hard > 9"		Per LF	XN171
				Soft	4"	Per LF	XA984
				Hard ≤ 9"		Per LF	XM184
				Hard > 9"		Per LF	XN174
				Soft	6" & 8"	Per LF	XA987
				Hard ≤ 9"		Per LF	XM187
				Hard > 9"		Per LF	XN177
				Soft	12"	Per LF	XA990
				Hard ≤ 9"		Per LF	XM190
				Hard > 9"		Per LF	XN180
Main Replacement	Plastic	101' to 300'	LP/HP Main Replacement - Installation only	Soft	2"	Per LF	XA927
				Hard ≤ 9"		Per LF	XM127
				Hard > 9"		Per LF	XN205
				Soft	4"	Per LF	XA930
				Hard ≤ 9"		Per LF	XM130
				Hard > 9"		Per LF	XN120
				Soft	6" & 8"	Per LF	XA933
				Hard ≤ 9"		Per LF	XM133
				Hard > 9"		Per LF	XN123
				Soft	12"	Per LF	XA936
				Hard ≤ 9"		Per LF	XM136
				Hard > 9"		Per LF	XN126

### HALLEN

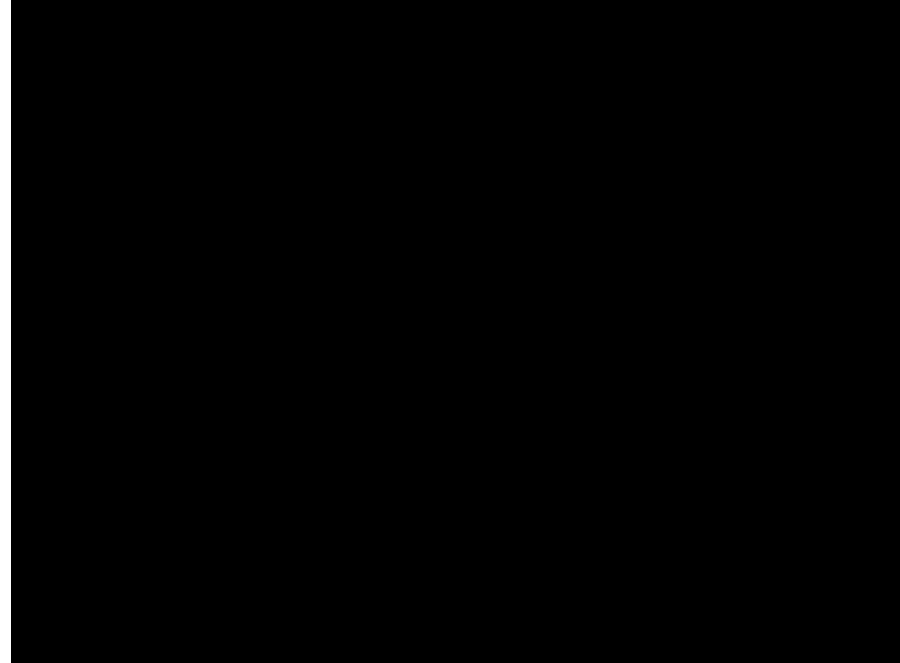
UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## MAINS GREATER THAN 100 FEET LONG

Type of Work	Material	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Extension	Plastic	300' to 1,000'	LP/HP Main Extension - Installation only	Soft	2"	Per LF	XA982
				Hard ≤ 9"		Per LF	XM182
				Hard > 9"		Per LF	XN172
				Soft	4"	Per LF	XA985
				Hard ≤ 9"		Per LF	XM185
				Hard > 9"		Per LF	XN175
				Soft	6" & 8"	Per LF	XA988
				Hard ≤ 9"		Per LF	XM188
				Hard > 9"		Per LF	XN178
				Soft	12"	Per LF	XA991
				Hard ≤ 9"		Per LF	XM191
				Hard > 9"		Per LF	XN181
Main Replacement	Plastic	300' to 1,000'	LP/HP Main Replacement - Installation only	Soft	2"	Per LF	XA928
				Hard ≤ 9"		Per LF	XM128
				Hard > 9"		Per LF	XN206
				Soft	4"	Per LF	XA931
				Hard ≤ 9"		Per LF	XM131
				Hard > 9"		Per LF	XN121
				Soft	6" & 8"	Per LF	XA934
				Hard ≤ 9"		Per LF	XM134
				Hard > 9"		Per LF	XN124
				Soft	12"	Per LF	XA937
				Hard ≤ 9"		Per LF	XM137
				Hard > 9"		Per LF	XN127

### HALLEN

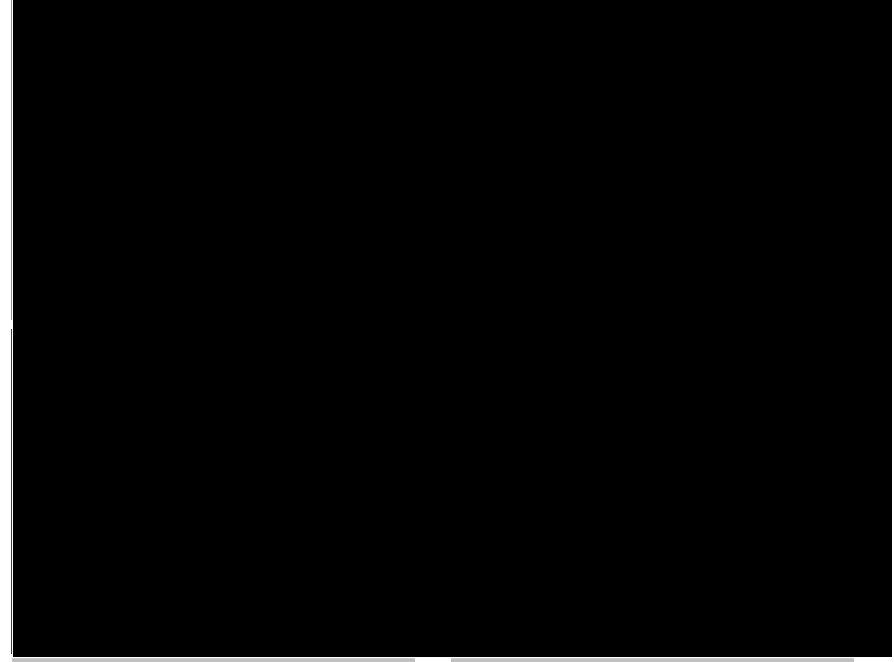
UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS GREATER THAN 100 FEET LONG**

Type of Work	Material	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
Main Extension	Plastic	> 1,000'	LP/HP Main Extension - Installation only	Soft	2"	Per LF	XA983
				Hard ≤ 9"		Per LF	XM183
				Hard > 9"		Per LF	XN173
				Soft	4"	Per LF	XA986
				Hard ≤ 9"		Per LF	XM186
				Hard > 9"		Per LF	XN176
				Soft	6" & 8"	Per LF	XA989
				Hard ≤ 9"		Per LF	XM189
				Hard > 9"		Per LF	XN179
				Soft	12"	Per LF	XA992
				Hard ≤ 9"		Per LF	XM192
				Hard > 9"		Per LF	XN182
Main Replacement	Plastic	> 1,000'	LP/HP Main Replacement - Installation only	Soft	2"	Per LF	XA929
				Hard ≤ 9"		Per LF	XM129
				Hard > 9"		Per LF	XN207
				Soft	4"	Per LF	XA932
				Hard ≤ 9"		Per LF	XM132
				Hard > 9"		Per LF	XN122
				Soft	6" & 8"	Per LF	XA935
				Hard ≤ 9"		Per LF	XM135
				Hard > 9"		Per LF	XN125
				Soft	12"	Per LF	XA938
				Hard ≤ 9"		Per LF	XM138
				Hard > 9"		Per LF	XN128

**HALLEN**

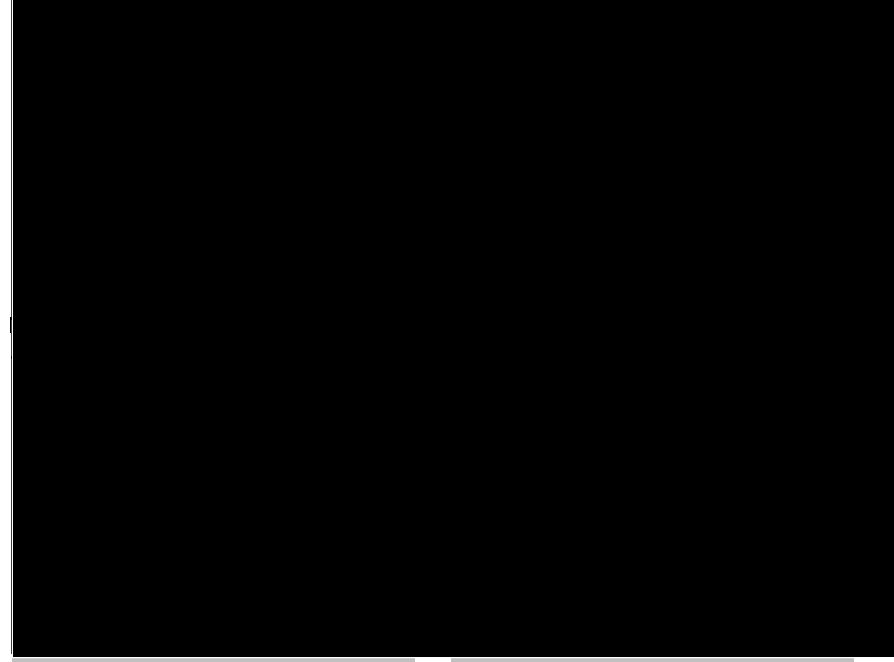
UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS GREATER THAN 100 FEET LONG**

Type of Work	Material	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
<b>Main Extension</b>	<b>Steel</b>	<b>101' to 300'</b>	LP/HP Main Extension - Installation only	Soft	<b>2"</b>	Per LF	XA993
				Hard ≤ 9"		Per LF	XM193
				Hard > 9"		Per LF	XN183
				Soft	<b>4"</b>	Per LF	XA996
				Hard ≤ 9"		Per LF	XM196
				Hard > 9"		Per LF	XN186
				Soft	<b>6" &amp; 8"</b>	Per LF	XA999
				Hard ≤ 9"		Per LF	XM199
				Hard > 9"		Per LF	XN189
				Soft	<b>12"</b>	Per LF	XA852
				Hard ≤ 9"		Per LF	XM202
				Hard > 9"		Per LF	XN192
Soft	<b>16"</b>	Per LF	XA855				
Hard ≤ 9"		Per LF	XM205				
Hard > 9"		Per LF	XN195				
<b>Main Replacement</b>	<b>Steel</b>	<b>101' to 300'</b>	LP/HP Main Replacement - Installation only	Soft	<b>2"</b>	Per LF	XA939
				Hard ≤ 9"		Per LF	XM139
				Hard > 9"		Per LF	XN129
				Soft	<b>4"</b>	Per LF	XA942
				Hard ≤ 9"		Per LF	XM142
				Hard > 9"		Per LF	XN132
				Soft	<b>6" &amp; 8"</b>	Per LF	XA945
				Hard ≤ 9"		Per LF	XM145
				Hard > 9"		Per LF	XN135
				Soft	<b>12"</b>	Per LF	XA948
				Hard ≤ 9"		Per LF	XM148
				Hard > 9"		Per LF	XN138
Soft	<b>16"</b>	Per LF	XA951				
Hard ≤ 9"		Per LF	XM151				
Hard > 9"		Per LF	XN141				

**HALLEN**

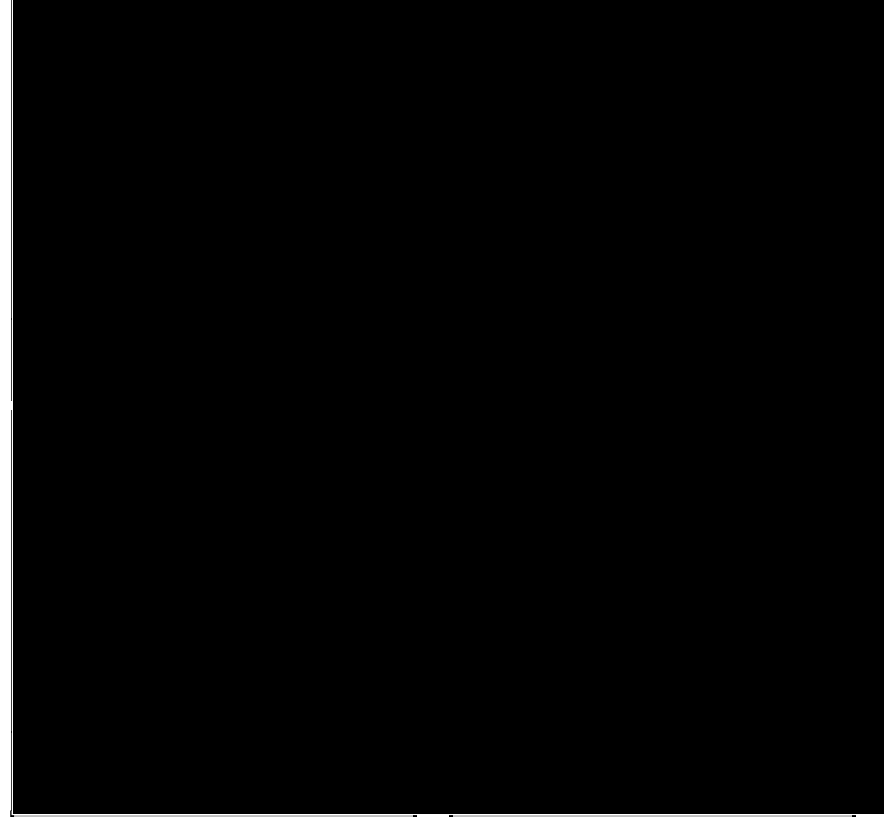
UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS GREATER THAN 100 FEET LONG**

Type of Work	Material	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
<b>Main Replacement</b>	<b>Steel</b>	<b>301' to 1,000'</b>	LP/HP Main Replacement - Installation only	Soft	<b>2"</b>	Per LF	XA940
				Hard ≤ 9"		Per LF	XM140
				Hard > 9"		Per LF	XN130
				Soft	<b>4"</b>	Per LF	XA943
				Hard ≤ 9"		Per LF	XM143
				Hard > 9"		Per LF	XN133
				Soft	<b>6" &amp; 8"</b>	Per LF	XA946
				Hard ≤ 9"		Per LF	XM146
				Hard > 9"		Per LF	XN136
				Soft	<b>12"</b>	Per LF	XA949
				Hard ≤ 9"		Per LF	XM149
				Hard > 9"		Per LF	XN139
Soft	<b>16"</b>	Per LF	XA952				
Hard ≤ 9"		Per LF	XM152				
Hard > 9"		Per LF	XN142				
<b>Main Extension</b>	<b>Steel</b>	<b>301' to 1,000'</b>	LP/HP Main Extension - Installation only	Soft	<b>2"</b>	Per LF	XA994
				Hard ≤ 9"		Per LF	XM194
				Hard > 9"		Per LF	XN184
				Soft	<b>4"</b>	Per LF	XA997
				Hard ≤ 9"		Per LF	XM197
				Hard > 9"		Per LF	XN187
				Soft	<b>6" &amp; 8"</b>	Per LF	XA850
				Hard ≤ 9"		Per LF	XM200
				Hard > 9"		Per LF	XN190
				Soft	<b>12"</b>	Per LF	XA853
				Hard ≤ 9"		Per LF	XM203
				Hard > 9"		Per LF	XN193
Soft	<b>16"</b>	Per LF	XA856				
Hard ≤ 9"		Per LF	XM206				
Hard > 9"		Per LF	XN196				

**HALLEN**

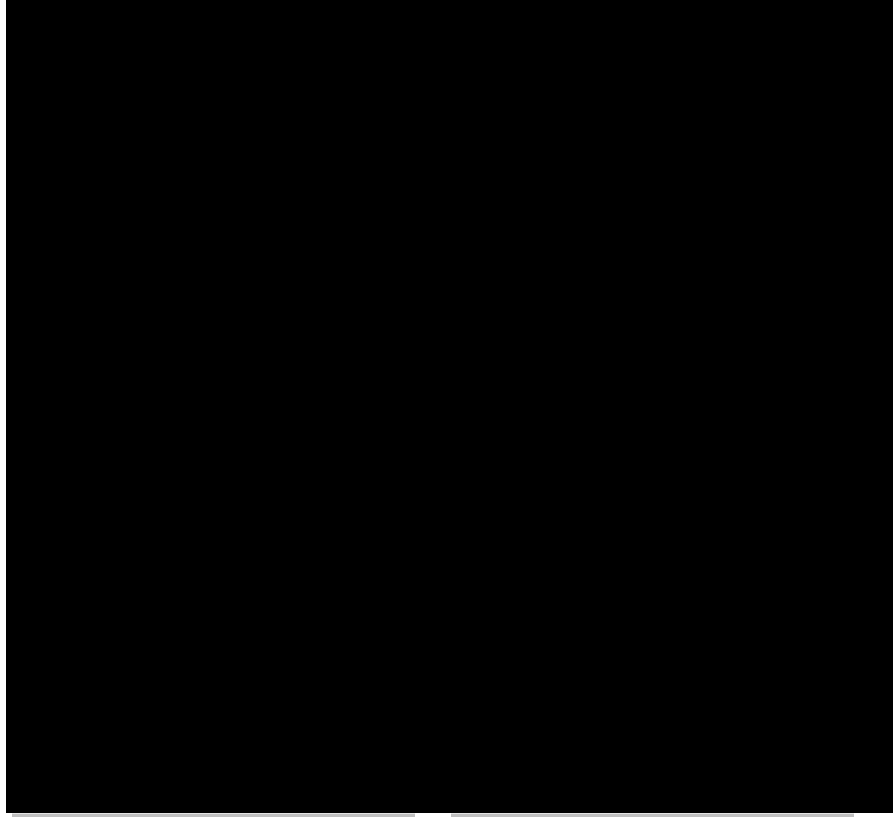
UNIT PRICES IN CCH INCLUDES ███ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES ███ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



**CONFIDENTIAL**

**MAINS GREATER THAN 100 FEET LONG**

Type of Work	Material	Volume Interval	Description	Surface Excavation	Pipe Diameter	UOM	Unit #
<b>Main Replacement</b>	<b>Steel</b>	<b>&gt; 1,000'</b>	LP/HP Main Replacement - Installation only	Soft	<b>2"</b>	Per LF	XA941
				Hard ≤ 9"		Per LF	XM141
				Hard > 9"		Per LF	XN131
				Soft	<b>4"</b>	Per LF	XA944
				Hard ≤ 9"		Per LF	XM144
				Hard > 9"		Per LF	XN134
				Soft	<b>6" &amp; 8"</b>	Per LF	XA947
				Hard ≤ 9"		Per LF	XM147
				Hard > 9"		Per LF	XN137
				Soft	<b>12"</b>	Per LF	XA950
				Hard ≤ 9"		Per LF	XM150
				Hard > 9"		Per LF	XN140
Soft	<b>16"</b>	Per LF	XA953				
Hard ≤ 9"		Per LF	XM153				
Hard > 9"		Per LF	XN143				
<b>Main Extension</b>	<b>Steel</b>	<b>&gt; 1,000'</b>	LP/HP Main Extension - Installation only	Soft	<b>2"</b>	Per LF	XA995
				Hard ≤ 9"		Per LF	XM195
				Hard > 9"		Per LF	XN185
				Soft	<b>4"</b>	Per LF	XA998
				Hard ≤ 9"		Per LF	XM198
				Hard > 9"		Per LF	XN188
				Soft	<b>6" &amp; 8"</b>	Per LF	XA851
				Hard ≤ 9"		Per LF	XM201
				Hard > 9"		Per LF	XN191
				Soft	<b>12"</b>	Per LF	XA854
				Hard ≤ 9"		Per LF	XM204
				Hard > 9"		Per LF	XN194
Soft	<b>16"</b>	Per LF	XA857				
Hard ≤ 9"		Per LF	XM207				
Hard > 9"		Per LF	XN197				

**HALLEN**

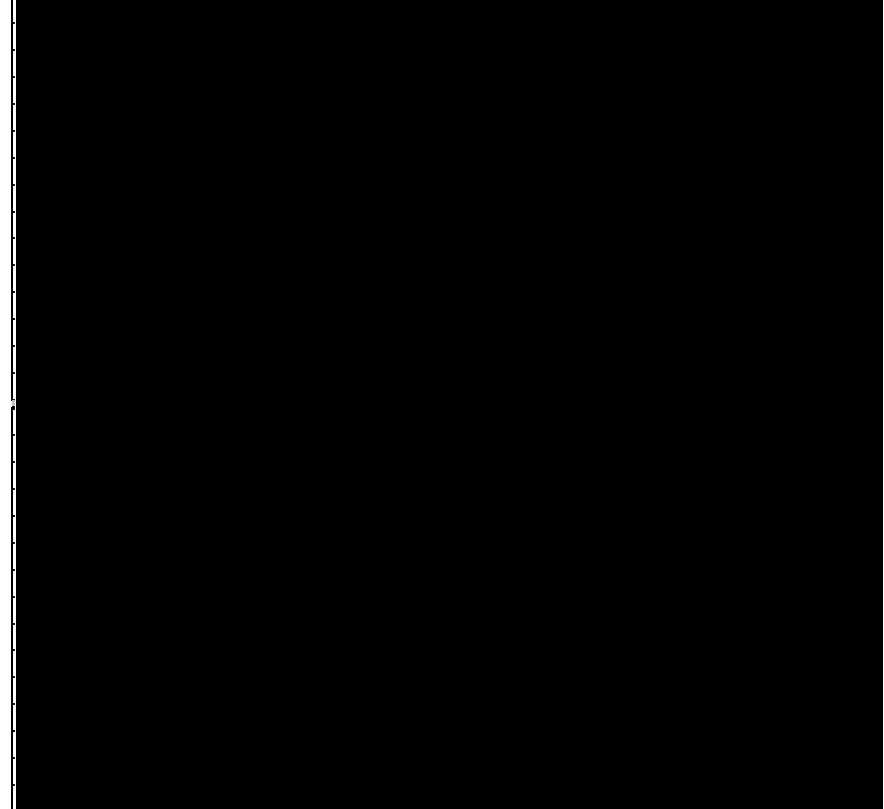
UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## CONNECTIONS

Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #
Connection Opening	LPIHP	End of Main	up to 4"	A Dirt/Grass/No perm resto	Lump Sum	XA419
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC419
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC419
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC419
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD419
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD419
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD419
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE622
				A Dirt/Grass/No perm resto	Lump Sum	XA420
			6" & 8"	C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC420
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC420
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC420
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD420
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD420
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD420
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE623
				A Dirt/Grass/No perm resto	Lump Sum	XA421
				A Asphalt, concrete or binder combo up to 9"	Lump Sum	XC421
			10" & 12"	Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BC421
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC421
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD421
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD421
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD421
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE624
				A Dirt/Grass/No perm resto	Lump Sum	XA422
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC422
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC422
			16"	C Asphalt, concrete or binder combo > 9"	Lump Sum	OC422
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD422
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD422
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD422
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE625
				A Dirt/Grass/No perm resto	Lump Sum	XA423
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC423
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC423
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC423
			20"	D Asphalt, concrete or binder combo > 9"	Lump Sum	XD423
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD423
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD423
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE626

### HALLEN

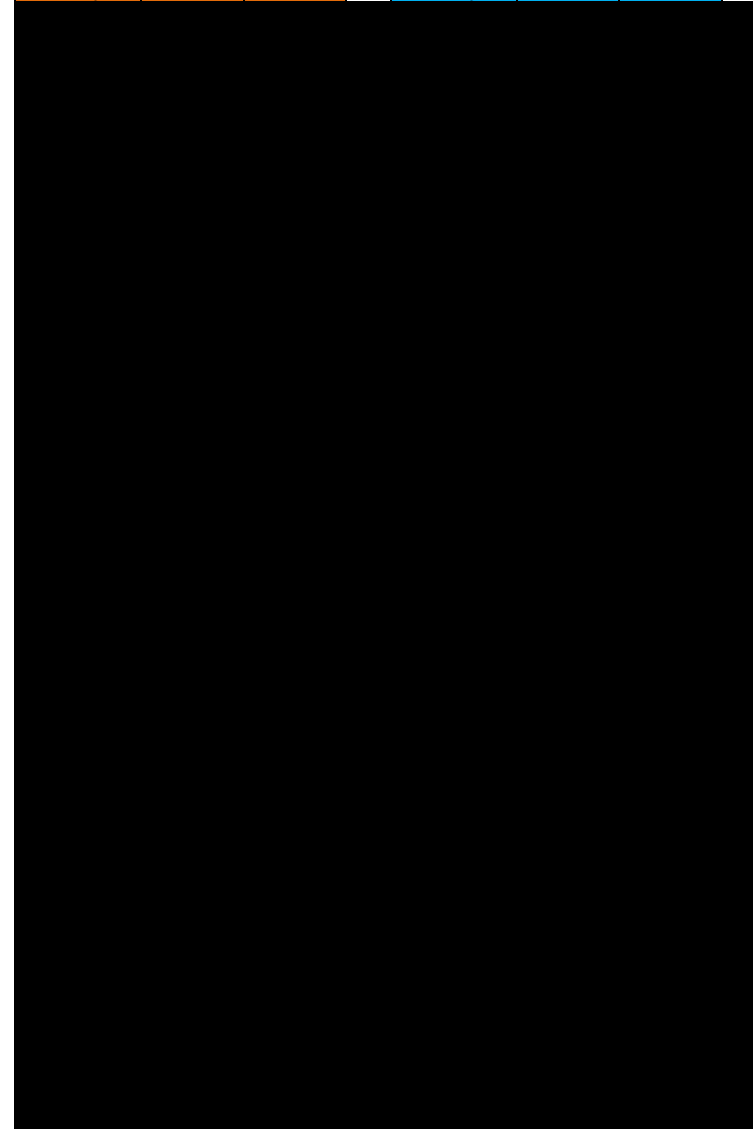
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

UNIT PRICES IN CCH INCLUDES [REDACTED] % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

UNIT PRICES IN CCH INCLUDES [REDACTED] % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017



# CONFIDENTIAL

## CONNECTIONS

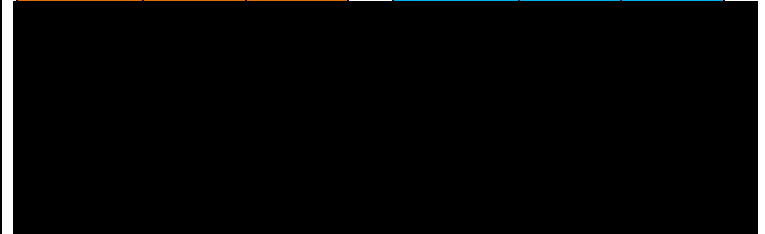
Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #	
			24"	A	Dirt/Grass/No perm resto	Lump Sum	XA424
				C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XC424
				C	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC424
				C	Asphalt, concrete or binder combo > 9"	Lump Sum	OC424
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	XD424
				D	Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD424
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	OD424
				E	Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE627

### HALLEN

UNIT PRICES IN CCH INCLUDES █% RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Staten		

### HALLEN

UNIT PRICES IN CCH INCLUDES █ RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Staten		



# CONFIDENTIAL

## CONNECTIONS

Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #
Connection Opening	LPIHP	Full Tee or In Line Offset	up to 4"	A Dirt/Grass/No perm resto	Lump Sum	XA413
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC413
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC413
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC413
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD413
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD413
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD413	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE616	
			6" & 8"	A Dirt/Grass/No perm resto	Lump Sum	XA414
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC414
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC414
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC414
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD414
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD414
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD414	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE617	
			10" & 12"	A Dirt/Grass/No perm resto	Lump Sum	XA415
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC415
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC415
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC415
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD415
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD415
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD415	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE618	
			16"	A Dirt/Grass/No perm resto	Lump Sum	XA416
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC416
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC416
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC416
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD416
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD416
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD416	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE619	
			20"	A Dirt/Grass/No perm resto	Lump Sum	XA417
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC417
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC417
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC417
D Asphalt, concrete or binder combo > 9"	Lump Sum	XD417				
D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD417				
D Asphalt, concrete or binder combo > 9"	Lump Sum	OD417				
E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE620				

### HALLEN

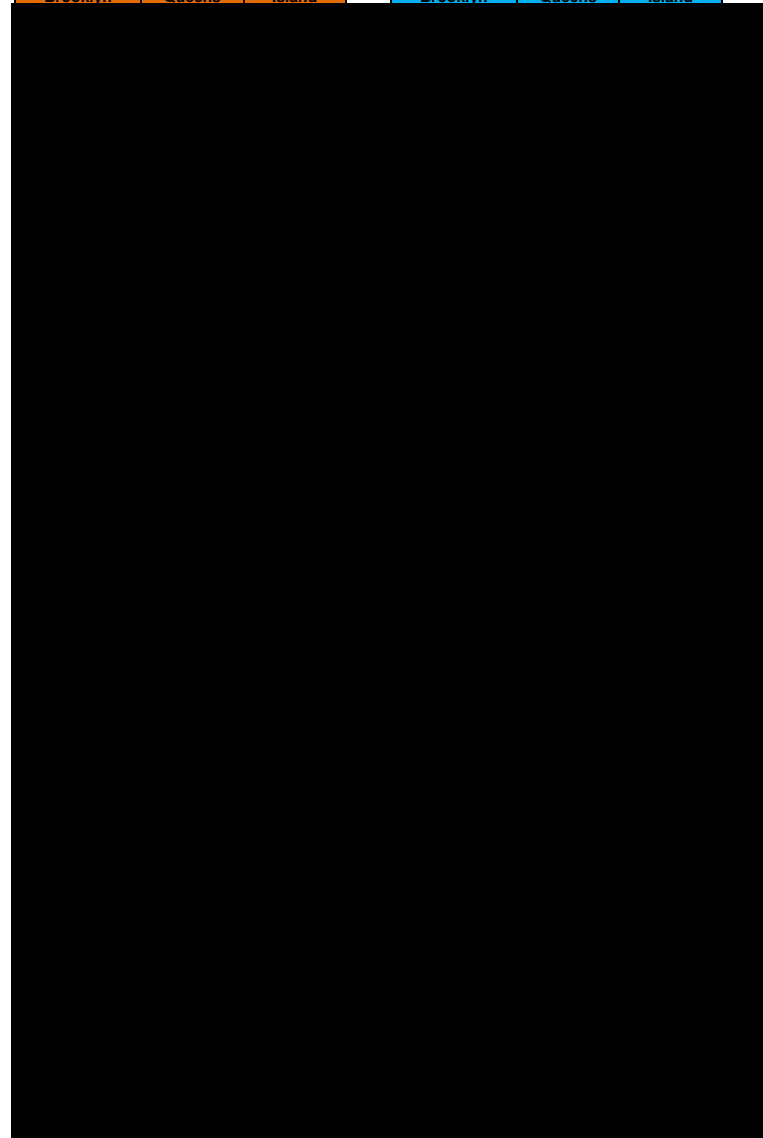
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

UNIT PRICES IN CCH INCLUDES █% RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

UNIT PRICES IN CCH INCLUDES █% RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017



# CONFIDENTIAL

## CONNECTIONS

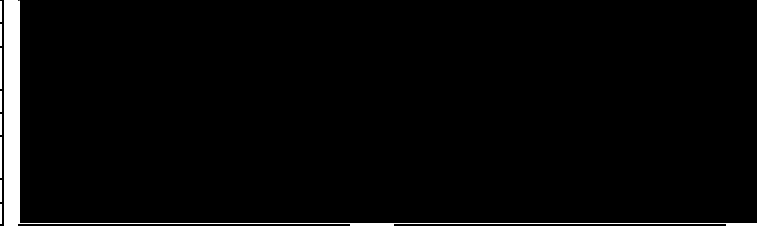
Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #
			24"	A Dirt/Grass/No perm resto	Lump Sum	XA418
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC418
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC418
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC418
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD418
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD418
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD418
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE621

### HALLEN

UNIT PRICES IN CCH INCLUDES <input type="checkbox"/> % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES <input type="checkbox"/> % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## CONNECTIONS

Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #
Connection Opening	LP/HP	PC Fittings	up to 4"	A Dirt/Grass/No perm resto	Lump Sum	XA801
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC801
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC801
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	OC801
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD801
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD801
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD801	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE610	
			6" & 8"	A Dirt/Grass/No perm resto	Lump Sum	XA802
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC802
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC802
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC802
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD802
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD802
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD802	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE611	
			10" & 12"	A Dirt/Grass/No perm resto	Lump Sum	XA803
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC803
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC803
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC803
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD803
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD803
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD803	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE612	
			16"	A Dirt/Grass/No perm resto	Lump Sum	XA804
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC804
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC804
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC804
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD804
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD804
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD804	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE613	
			20"	A Dirt/Grass/No perm resto	Lump Sum	XA805
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC805
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC805
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC805
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD805
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD805
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OD805	
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE614	

### HALLEN

UNIT PRICES IN CCH INCLUDES <input type="checkbox"/> % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES <input type="checkbox"/> % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## CONNECTIONS

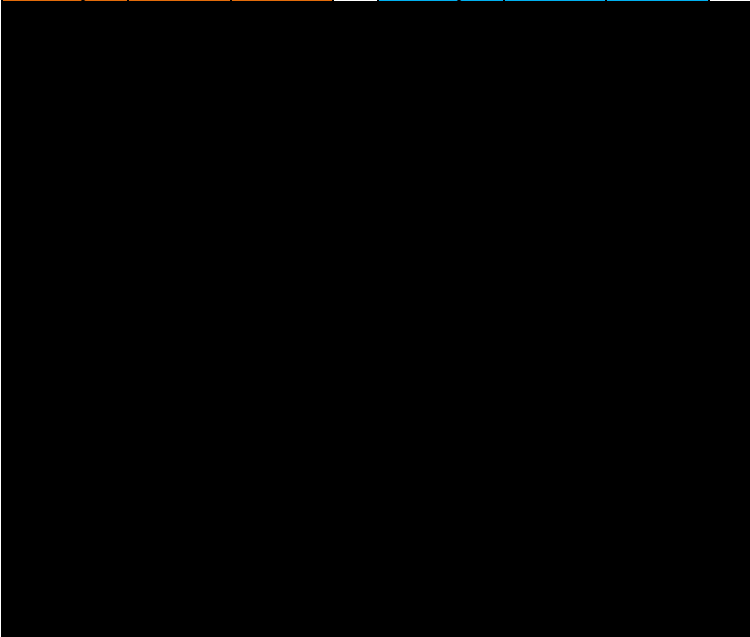
Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #	
			24"	A	Dir/Grass/No perm resto	Lump Sum	XA806
				C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XC806
				C	combo up to 9"	Lump Sum	BC806
				C	Asphalt, concrete or binder combo > 9"	Lump Sum	OC806
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	XD806
				D	Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD806
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	OD806
				E	Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE615
		Purge Excavation When Additional Opening Required	N/A	A	Dir/Grass/No perm resto	Lump Sum	XA807
				C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XC807
				C	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC807
				C	Asphalt, concrete or binder combo > 9"	Lump Sum	OC807
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	XD807
				D	Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD807
D	Asphalt, concrete or binder combo > 9"	Lump Sum	OD807				
E	Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE603				
Plastic	HP	HP - Tapping Tee	2"		Lump Sum	XX455	
			up to 4"		Lump Sum	XX456	
		HP - 3-Way Tee or In-Line Offset	6" & 8"		Lump Sum	XX457	
			12"		Lump Sum	XX458	
			up to 4"		Lump Sum	XX459	
		HP - End of Main	6" & 8"		Lump Sum	XX460	
12"			Lump Sum	XX461			

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



UNIT PRICES IN CCH INCLUDES [REDACTED] % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

UNIT PRICES IN CCH INCLUDES [REDACTED] % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

# CONFIDENTIAL

## CONNECTIONS

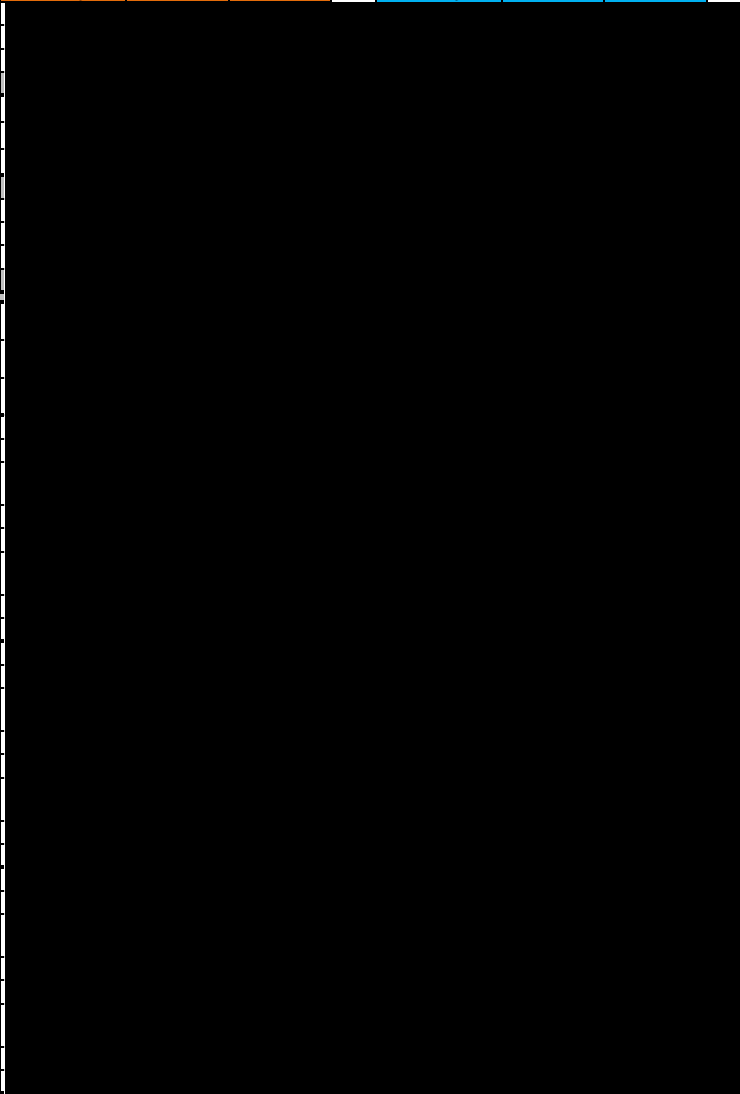
Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #	
ST to ST/PL	HP	HP - End of Main by Existing Valve	up to 4"		Lump Sum	XX446	
			6" & 8"		Lump Sum	XX447	
			10" & 12"		Lump Sum	XX448	
			16"		Lump Sum		
		HP - TDW 3-Way or Mueller No-Blo/Flanged Tee, top tap	up to 4"		Lump Sum	XX462	
			6" & 8"		Lump Sum	XX463	
			12"		Lump Sum	XX464	
		HP - TDW Spherical 3-Way or Mueller Bottom-Out PC/Full PC	2"		Lump Sum		
			up to 4"		Lump Sum	XX465	
			6" & 8"		Lump Sum	XX466	
			12"		Lump Sum	XX467	
					16"		Lump Sum
CI to ST/PL		LP/HP - Mechanical Sleeve with Welded Tee	up to 8"		Lump Sum	XX468	
			12 & 16		Lump Sum	XX469	
			20 & 24		Lump Sum	XX470	
Plastic	LP/HP	LP/HP - cut & cap main in separate connection opening	up to 4"	A	Dirt/Grass/No perm resto	Lump Sum	XA814
				C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XC811
				C	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC811
				C	Asphalt, concrete or binder combo > 9"	Lump Sum	OC811
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	XD811
				D	Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD811
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	OD811
				E	Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE607
				6" & 8"	A	Dirt/Grass/No perm resto	Lump Sum
			C		Asphalt, concrete or binder combo up to 9"	Lump Sum	XC812
			C		Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC812
			C		Asphalt, concrete or binder combo > 9"	Lump Sum	OC812
			D		Asphalt, concrete or binder combo > 9"	Lump Sum	XD812
			D		Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD812
			D		Asphalt, concrete or binder combo > 9"	Lump Sum	OD812
			E		Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE608
			10" & 12"		A	Dirt/Grass/No perm resto	Lump Sum
				C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XC813
				C	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC813
				C	Asphalt, concrete or binder combo > 9"	Lump Sum	OC813
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	XD813
				D	Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD813
				D	Asphalt, concrete or binder combo > 9"	Lump Sum	OD813
				E	Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE609

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



UNIT PRICES IN CCH INCLUDES [REDACTED] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

UNIT PRICES IN CCH INCLUDES [REDACTED] % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

**CONFIDENTIAL**

**CONNECTIONS**

Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #
CI to ST/PL	LP	LP - Mechanical Sleeve with Threaded Tee	up to 8"		Lump Sum	XX471

**HALLEN**

UNIT PRICES IN CCH INCLUDES [REDACTED] % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES [REDACTED] % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## CONNECTIONS

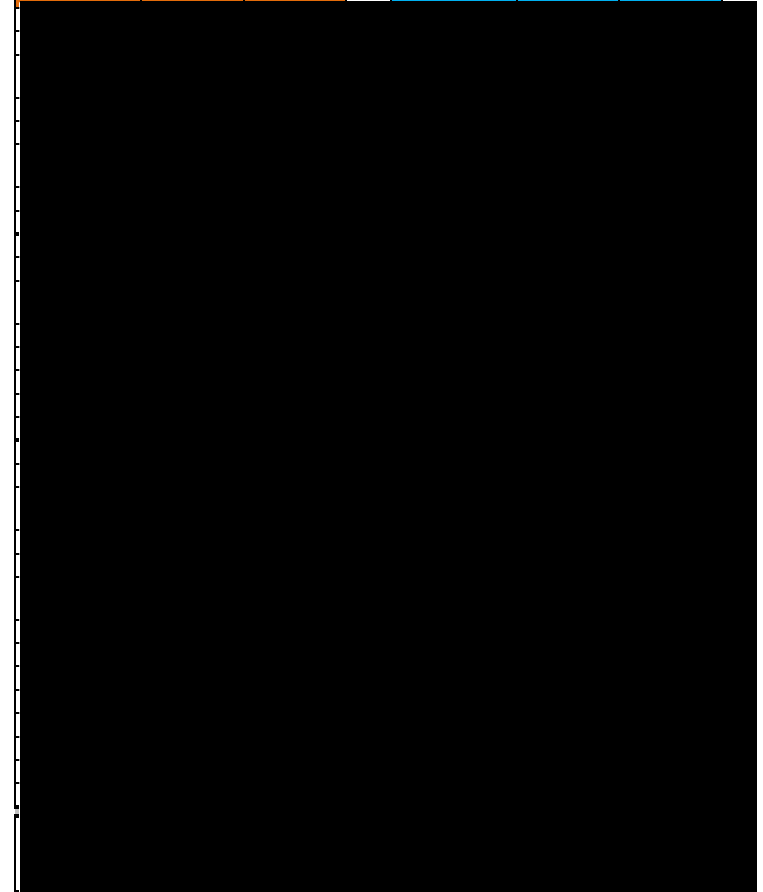
Type of Work	Pressure	Description	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #
ST or CI	LP	LP - Cut & Cap Main in Separate Connection Opening	up to 4"	A Dirt/Grass/No perm resto	Lump Sum	XA808
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC808
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC808
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC808
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD808
				Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD808
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD808
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE604
				A Dirt/Grass/No perm resto	Lump Sum	XA812
			6" & 8"	C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC809
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC809
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC809
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD809
				Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD809
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD809
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE605
				A Dirt/Grass/No perm resto	Lump Sum	XA813
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC810
			10" & 12"	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC810
				C Asphalt, concrete or binder combo > 9"	Lump Sum	OC810
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD810
				Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD810
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD810
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE606
				A Dirt/Grass/No perm resto	Lump Sum	XA813
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC810
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC810
PLJST/CI to PLJST	LP	LP - Mechanical/Fused Tee	up to 4"		Lump Sum	XX450
			6" & 8"		Lump Sum	XX451
			10" & 12"		Lump Sum	XX412
		LP - End of Main	up to 4"		Lump Sum	XX452
			6" & 8"		Lump Sum	XX453
			10" & 12"		Lump Sum	XX454
ALL	LP/HP	LP/HP - install additional 2" bypass/jumper	NA		Lump Sum	XX472

### HALLEN

UNIT PRICES IN CCH INCLUDES 2.7% RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Staten		

### HALLEN

UNIT PRICES IN CCH INCLUDES 3.5% RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Staten		



# CONFIDENTIAL

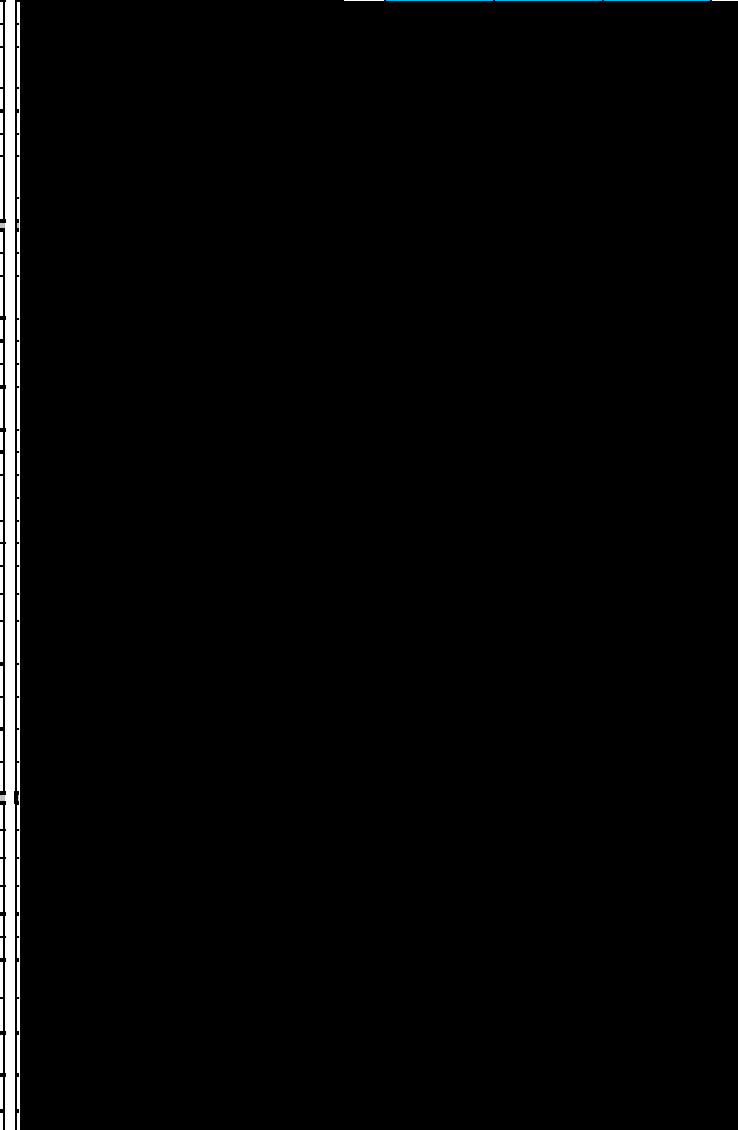
## SERVICES

HALLEN

HALLEN

UNIT PRICES IN CCH INCLUDES 2.7% RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015			UNIT PRICES IN CCH INCLUDES 3.5% RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3	Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island	Brooklyn	Queens	Staten Island

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and Depth (inches)	UOM	Unit #
New or Relay Service	Without Main	< 2"	1' to 40'	A Dirt/Grass/No perm resto	Lump Sum	XA866
				B Conventional asphalt and/or concrete	Lump Sum	XB812
			41' to 90'	B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB812
				B Conventional asphalt and/or concrete	Lump Sum	OB812
				A Dirt/Grass/No perm resto	Lump Sum	XA867
				B Conventional asphalt and/or concrete	Lump Sum	XB813
B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB813				
B Conventional asphalt and/or concrete	Lump Sum	OB813				
New or Relay Service	Without Main	2"	1' to 40'	A Dirt/Grass/No perm resto	Lump Sum	XA810
				B Conventional asphalt and/or concrete	Lump Sum	XB810
			41' to 90'	B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB810
				B Conventional asphalt and/or concrete	Lump Sum	OB810
				A Dirt/Grass/No perm resto	Lump Sum	XA811
				B Conventional asphalt and/or concrete	Lump Sum	XB811
	B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB811			
	B Conventional asphalt and/or concrete	Lump Sum	OB811			
	Riser Tee With or without Main	4"	1' to 40'	A Dirt/Grass/No perm resto	Lump Sum	XA809
				B Conventional asphalt and/or concrete	Lump Sum	XB809
			41' to 90'	B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB809
				B Conventional asphalt and/or concrete	Lump Sum	OB809
				A Dirt/Grass/No perm resto	Lump Sum	XA817
				B Conventional asphalt and/or concrete	Lump Sum	XB817
	B OSP Conventional asphalt and/or concrete	Lump Sum	OX549			
	B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB817			
Full-Line or Mechanical Tee with or without Main - Resto Not Included	4"	1' to 40'		Lump Sum	XP266	
		41' to 90'		Lump Sum	XP267	
Full-Line Tee or Mechanical Sleeve with or without Main - Resto Not Included	6 & 8	1' to 40'		Lump Sum	XP236	
		41' to 90'		Lump Sum	XP237	
Service (adder)	Incremental Footage > 90' for New & Relay; > 50 for Stubs	< 2"		Per LF	XP260	
		2"		Per LF	XP261	
		4"		Per LF	XP262	
		6 & 8		Per LF	XP263	
Welded Connection	Adder for Welded Connections	up to 2"		service	XP264	
		4"		service	XP265	
Service Insert	Plastic in Steel Service	< 2"	Any Length	A Dirt/Grass/No perm resto	Lump Sum	XA868
				B Conventional asphalt and/or concrete	Lump Sum	XB814
				B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB814
				B Conventional asphalt and/or concrete	Lump Sum	OB814
	NG Supplied Welded	3			Each	XP315



**CONFIDENTIAL**

**SERVICES**

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and Depth (inches)	UOM	Unit #
	<del>NO SUPPLIED WELDED</del> Assembly	4			Each	XP316
		6			Each	XP317
	Installation of Threaded Assembly	3			Each	XP313
		4			Each	XP314

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## SERVICES

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and Depth (inches)	UOM	Unit #
Service Transfer	Add Extension	< 2"	1' to 15'	A Dirt/Grass/No perm resto	Lump Sum	XA858
				B Conventional asphalt and/or concrete	Lump Sum	XB800
				B Conventional asphalt and/or concrete	Lump Sum	OB800
		B Binder to Grade - Conventional asphalt and/or concrete		Lump Sum	BB800	
		2"		A Dirt/Grass/No perm resto	Lump Sum	XA859
				B Conventional asphalt and/or concrete	Lump Sum	XB801
				B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB801
		4"		A Dirt/Grass/No perm resto	Lump Sum	XA860
				B Conventional asphalt and/or concrete	Lump Sum	XB802
				B OSP Conventional asphalt and/or concrete	Lump Sum	OX550
				B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB802
				B Conventional asphalt and/or concrete	Lump Sum	OB801
B Conventional asphalt and/or concrete	Lump Sum		OB801			
Transfer/ Insert Adder	Adder > 15'	Up to 2"	NA	A Dirt/Grass/No perm resto	Lump Sum	XA870
				B Conventional asphalt and/or concrete	Lump Sum	XB816
		4"		B Conventional asphalt and/or concrete	Lump Sum	OB816
				A Dirt/Grass/No perm resto	Lump Sum	XA869
				B Conventional asphalt and/or concrete	Lump Sum	XB815
B OSP Conventional asphalt and/or concrete	Lump Sum	OX548				
Lining of Service	or Equivalent of vent assembly	Up to 2"	NA		Lump Sum	XP336
Fabricate & Install Welded Assembly LP to HP conversion (adder)	For multiple Rate Installations	4"	NA		Each	XP268
Fabricate & Install Welded Assembly LP to HP conversion (adder)	Adder to Insert, Transfer or Relay services	< 2"			Each	XP278
Service Stub with or without Main	Service Stub with or without main installation	Up to 2"	1' to 20'	A Dirt/Grass/No perm resto	Lump Sum	XA861
				B Conventional asphalt and/or concrete	Lump Sum	XB803
				B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB803
				B Conventional asphalt and/or concrete	Lump Sum	OB803
	Full-Line or Mechanical Tee	4"		A Dirt/Grass/No perm resto	Lump Sum	XA864
				B OSP Conventional asphalt and/or concrete	Lump Sum	OX552
				B Conventional asphalt and/or concrete	Lump Sum	XB806
				B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB806
	Service Stub with or without main installation	Up to 2"			Lump Sum	XP302
				A Dirt/Grass/No perm resto	Lump Sum	XA862
B Conventional asphalt and/or concrete	Lump Sum	XB804				
B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB804				

### HALLEN

UNIT PRICES IN CCH INCLUDES [REDACTED] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES [REDACTED] RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

# CONFIDENTIAL

## SERVICES

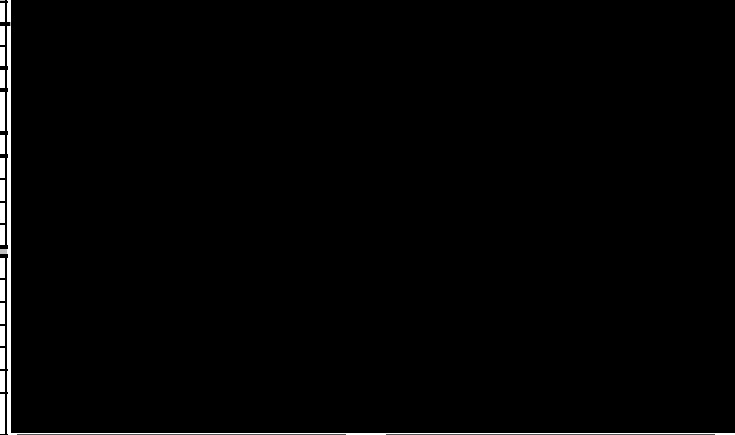
**HALLEN**

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

UNIT PRICES IN CCH INCLUDES █ RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and Depth (inches)	UOM	Unit #
	Riser Tee Connection	4"	21' to 50'	B Conventional asphalt and/or concrete	Lump Sum	OB804
				A Dirt/Grass/No perm resto	Lump Sum	XA863
				B Conventional asphalt and/or concrete	Lump Sum	XB805
				B OSP Conventional asphalt and/or concrete	Lump Sum	OX551
				B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB805
	Full-Line or Mechanical Tee				Lump Sum	XP306
Service Stub Completion	Restoration Not Included	Up to 2"	1' to 40'		Lump Sum	XP319
			41' to 90'		Lump Sum	XP323
		4"	1' to 40'		Lump Sum	XP320
			41' to 90'		Lump Sum	XP324
Service in Sleeve	Install Service in Existing Sleeve	Up to 2"	1' to 90'	A Dirt/Grass/No perm resto	Lump Sum	XA865
			1' to 40'	B Conventional asphalt and/or concrete	Lump Sum	XB807
			1' to 40'	B OSP Conventional asphalt and/or concrete	Lump Sum	OX553
			1' to 40'	B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB807
			41' to 90'	B Conventional asphalt and/or concrete	Lump Sum	XB808
			41' to 90'	B OSP Conventional asphalt and/or concrete	Lump Sum	OX554
			41' to 90'	B Binder to Grade - Conventional asphalt and/or concrete	Lump Sum	BB808



# CONFIDENTIAL

## MAINTENANCE

Type of Work	Description	Material	Pipe Diameter	Strata Type and Depth (inches)	UOM	Unit #
Main Repair	clamp	ST or CI	≤ 8"		Each	XA740
			10 & 12		Each	XA741
			16		Each	XA742
Main Repair	encapsulation kit	CI	≤ 8"		Each	XI740
			10 & 12		Each	XI741
			16 & 20		Each	XI742
			24 & 30		Each	XI743
Install Service Valve	At Main for Local Law 30	All	< 2"	A Dirt/Grass/No perm resto	Lump Sum	XA745
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC741
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC741
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	OC741
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD741
				Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD741
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD741
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE741
Raise to Grade	Main/Service Valve or CP Test Station box	All	ALL	A Dirt/Grass/No perm resto	Lump Sum	XA746
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC742
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	OC742
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD742
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD742
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE742
PE / Cooper from Service	Remove PE or Copper tubing from Service	All	ALL	Remove PE or copper tubing from service	Each	XI744
Cut off service at main	Cut Off Service	All	Up to 2"	A Cut off Service at main up to 2"	Lump Sum	XA743
				service	Each	XA744
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	XC740
				Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BC740
				C Asphalt, concrete or binder combo up to 9"	Lump Sum	OC740
				D Asphalt, concrete or binder combo > 9"	Lump Sum	XD740
				Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BD740
				D Asphalt, concrete or binder combo > 9"	Lump Sum	OD740
				E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XE740
				existing opening	Each	XX716
COA	Job Found Complete Upon Arrival	All		Job found complete upon arrival (COA)	Each	XI745

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



UNIT PRICES IN CCH INCLUDES [ ] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

UNIT PRICES IN CCH INCLUDES [ ] % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

**CONFIDENTIAL**

**MISCELLANEOUS EXCAVATIONS**

Type of Work	Description	Volume Interval	UOM	Unit #
Pit Excavation at Restricted Sites	Hand-digging only	≤ 25	per CY	MI214
		> 25	per CY	MI215
Pit Excavation Distribution Main	Machine & Hand-Digging	≤ 25	per CY	MI212
		> 25	per CY	MI213
Pit Excavation Transmission Main	Machine & Hand-Digging	≤ 25	per CY	MI210
		> 25	per CY	MI211
Trench Evcavation at Restricted Sites	Hand-digging only	≤ 25	per CY	MI198
		> 25	per CY	MI199
Trench Evcavation at Restricted Sites	Machine & Hand-Digging	≤ 25	per CY	MI196
		> 25	per CY	MI197
Test Pits	Restoration Not Included	Up to 2	per CY	MI205
		2.1 to 10	per CY	MI206
		10.1 to 50	per CY	MI207
		> 50	per CY	MI208
	Mobilization Only (per project)		Lump Sum	MI209
Traffic Plates	Furnish & install steel traffic plating	NA	per LF	MI006
Recess Traffic Plates	Recess Traffic Plates to be flush with surrounding road grade	NA	SF	MI007

**HALLEN**

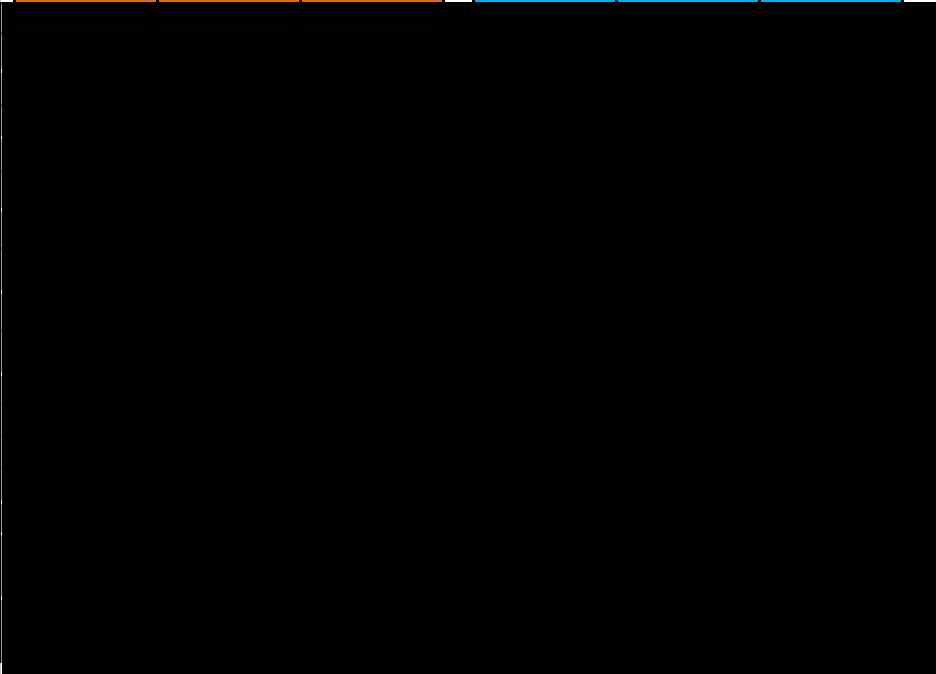
UNIT PRICES IN CCH INCLUDES [ ] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**HALLEN**

UNIT PRICES IN CCH INCLUDES [ ] RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## RESTORATION

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and/or Depth (inches)	UOM	Unit #
Restoration of Main Trench	Permanent paving restoration of mains	up to 4"	≤ 100'	C asphalt > 9"	Per LF	XC800
				Binder to Grade - asphalt > 9"	Per LF	BC800
				C asphalt/concrete > 9"	Per LF	OC800
				D asphalt/concrete > 9"	Per LF	XD800
				Binder to Grade - asphalt/concrete > 9"	Per LF	BD800
				D asphalt/concrete > 9"	Per LF	OD800
			E concrete up to 7"	Per LF	XE800	
			> 100'	C asphalt > 9"	Per LF	XC184
				Binder to Grade - asphalt > 9"	Per LF	BC184
				C asphalt > 9"	Per LF	OC184
				D asphalt/concrete > 9"	Per LF	XD184
				Binder to Grade - asphalt/concrete > 9"	Per LF	BD184
		D asphalt/concrete > 9"		Per LF	OD184	
		E concrete up to 7"	Per LF	XE184		
		6" & 8"	≤ 100'	C asphalt > 9"	Per LF	XC181
				Binder to Grade - asphalt > 9"	Per LF	BC181
				C asphalt > 9"	Per LF	OC181
				D asphalt/concrete > 9"	Per LF	XD181
				Binder to Grade - asphalt/concrete > 9"	Per LF	BD181
				D asphalt/concrete > 9"	Per LF	OD181
			E concrete up to 7"	Per LF	XE181	
			> 100'	C asphalt > 9"	Per LF	XC185
				Binder to Grade - asphalt > 9"	Per LF	BC185
				C asphalt > 9"	Per LF	OC185
				D asphalt/concrete > 9"	Per LF	XD185
				Binder to Grade - asphalt/concrete > 9"	Per LF	BD185
		D asphalt/concrete > 9"		Per LF	OD185	
		E concrete up to 7"	Per LF	XE185		
		12"	≤ 100'	C asphalt > 9"	Per LF	XC182
				Binder to Grade - asphalt > 9"	Per LF	BC182
				C asphalt > 9"	Per LF	OC182
				D asphalt/concrete > 9"	Per LF	XD182
				Binder to Grade - asphalt/concrete > 9"	Per LF	BD182
				D asphalt/concrete > 9"	Per LF	OD182
			E concrete up to 7"	Per LF	XE187	
			> 100'	C asphalt > 9"	Per LF	XC186
Binder to Grade - asphalt > 9"	Per LF			BC186		
C asphalt > 9"	Per LF			OC186		
D asphalt/concrete > 9"	Per LF			XD186		
Binder to Grade - asphalt/concrete > 9"	Per LF			BD186		
D asphalt/concrete > 9"	Per LF	OD186				
E concrete up to 7"	Per LF	XE186				

HALLEN		
UNIT PRICES IN CCH INCLUDES [ ] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

HALLEN		
UNIT PRICES IN CCH INCLUDES [ ] RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## RESTORATION

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and/or Depth (inches)	UOM	Unit #
		16"	≤ 100'	C asphalt > 9"	Per LF	XC183
				C Binder to Grade - asphalt > 9"	Per LF	BC183
				C asphalt > 9"	Per LF	OC183
				D asphalt/concrete > 9"	Per LF	XD183
				D Binder to Grade - asphalt/concrete > 9"	Per LF	BD183
				D asphalt/concrete > 9"	Per LF	OD183
			E concrete up to 7"	Per LF	XE183	
			> 100'	C asphalt > 9"	Per LF	XC187
				C Binder to Grade - asphalt > 9"	Per LF	BC187
				C asphalt > 9"	Per LF	OC187
				D asphalt/concrete > 9"	Per LF	XD187
				D Binder to Grade - asphalt/concrete > 9"	Per LF	BD187
				D asphalt/concrete > 9"	Per LF	OD187
				E concrete up to 7"	Per LF	XE188
Restoration of Main	4" Main up to 12" Depth	4"		≤ 100'	C asphalt	Per LF
			>100'	C asphalt	Per LF	OR150
	6" & 8" Main up to 12" Depth	6" & 8"	≤ 100'	C asphalt	Per LF	OR151
			> 100'	C asphalt	Per LF	OR151
	12" Main up to 12" Depth	12"	≤ 100'	C asphalt	Per LF	OR152
			>100'	C asphalt	Per LF	OR152
	16" Main up to 12" Depth	16"	≤ 100'	C asphalt	Per LF	OR153
			>100'	C asphalt	Per LF	OR153
Service Restoration	Service trench restoration > 15' beyond curb			asphalt ≤ 6"	Per LF	XR111
				concrete ≤ 7"	Per LF	XR112
Concrete Curbing	Curbing, concrete up to 26" with steel face Curbing, concrete up to 26"			concrete up to 26"	Per LF	XR117
					Per LF	XR118
Cobblestone	Cobblestone, supply and set Cobblestone, reset only				per SF	XR132
					per SF	XR133
Brick	Brick, supply and set Brick, reset only				per SF	XR135
					per SF	XR136
Curbing, Granite	Curbing, granite, supply and set Curbing, granite, reset only				Per LF	XR119
					Per LF	XR120
Curbing, Belgian Block	Curbing, Belgian block, supply and set Curbing, Belgian block, reset only				Per LF	XR121
					Per LF	XR122
Bluestone Flag	Bluestone flag, supply and set Bluestone flag, reset only				Per SF	XR137
					Per SF	XR138
Sod	Furnish & install sod		≤ 18 sq. ft.	Sum	XR147	
			> 18 sq. ft.	Per SF	XR148	
Bus pads	Bus pad panels per NYC DOT Specification, reinforced concrete			Concrete	Per Panel	XR134
Pedestrian Ramp	Pedestrian Ramp with curbing, including non-skid insert				Each	XR116
	and asphalt top, per LF of actual opening requiring cut-back			Asphalt/Concrete	Per LF	XR100

### HALLEN

UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES █ RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## RESTORATION

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and/or Depth (inches)	UOM	Unit #
NYC Protected Street Cut-Back - Trenches & Services	asphalt/concrete, per LF of actual opening requiring cut-back			Asphalt/Concrete	Per LF	OR100
	NYC Protected Street Cut-Back, asphalt only, per LF of actual opening requiring cut-back			Asphalt only	Per LF	XR101
	Service NYC Protected Street Cut-Back, asphalt only, per LF of actual opening requiring cut-back			Asphalt only	Per LF	OR101
	asphalt/concrete, per LF of actual opening requiring cut-back			Asphalt/Concrete	Per LF	OR102
	Main NYC Protected Street Cut-Back, asphalt only, per LF of actual opening requiring cut-back			Asphalt only	Per LF	OR103
Mill and Pave	Mill and Pave (up to 2" depth) up to 2 SY		up to 2 SY	up to 2" depth	Lump Sum	XR104
	Mill and Pave (up to 2" depth) 2.1 to 10 SY		2.1 to 10 SY		Per SY	XR105
	Mill and Pave (up to 2" depth) 10.1 to 50 SY		10.1 to 50 SY		Per SY	XR106
	Mill and Pave (up to 2" depth) 50.1 to 100 SY		50.1 to 100 SY		Per SY	XR107
	Mill and Pave (up to 2" depth) 100.1 to 500 SY		100.1 to 500 SY		Per SY	XR108
	Mill and Pave (up to 2" depth) 500.1 to 1,000 SY		500.1 to 1000 SY		Per SY	XR109
	Mill and Pave (up to 2" depth) > 1,000 SY		> 1000 SY		Per SY	XR110
Concrete, reinforced	Concrete, reinforced, up to 9" with 3" asphalt top				Per SY	XR123
	Concrete, reinforced, sidewalk/driveway up to 7"				Per SF	XR124
	Concrete, reinforced, > 7" to 12"				Per SF	XR125
Concrete, nonreinforced	Concrete, nonreinforced, up to 9" w/3" asphalt top				Per SY	XR126
	Concrete, nonreinforced, up to 7"				Per SF	XR127
	Concrete, nonreinforced, > 7" to 12"				Per SF	XR128
	Concrete, nonreinforced, sidewalk/driveway up to 7"				Per SF	XR129
Concrete, New York State road	Concrete, New York State road, reinforced ≤ 8" Quickset w/ or w/o 2" top		≤ 8"		Per SF	XR130
	Concrete, New York State road, reinforced > 8" Quickset w/ or w/o 2" top		> 8"		Per SF	XR131
Binder only	Binder only, up to 4"				Per SY	XR139
	Binder only, > 4" to 7"				Per SY	XR140
	Binder only, > 7" to 10"				Per SY	XR141
	Binder only, > 10" to 14"				Per SY	XR142
Asphalt	Asphalt, 2"				Per SY	XR143
	Binder to Grade - Asphalt, 2"				Per SY	BR143
	Temporary Paving Hot Asphalt 3" thick				Per SY	XR149
Asphalt binder w/ top	Asphalt up to 6," binder w/ top				Per SY	XR144
	Asphalt up to 6," binder w/ top				Per SY	OR144
	Asphalt > 6" to 9", binder w/ top				Per SY	XR145
	Asphalt > 6" to 9", binder w/ top				Per SY	OR145
	Asphalt > 9" to 16", binder w/ top				Per SY	XR146
	Asphalt > 9" to 16", binder w/ top				Per SY	OR146
Incremental Reconstructed Street Bevel Cut & Doweling	Incremental Reconstructed Street Bevel Cut & Doweling				Per LF	XR115

### HALLEN

UNIT PRICES IN CCH INCLUDES [ ] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES [ ] RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

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# CONFIDENTIAL

## RESTORATION

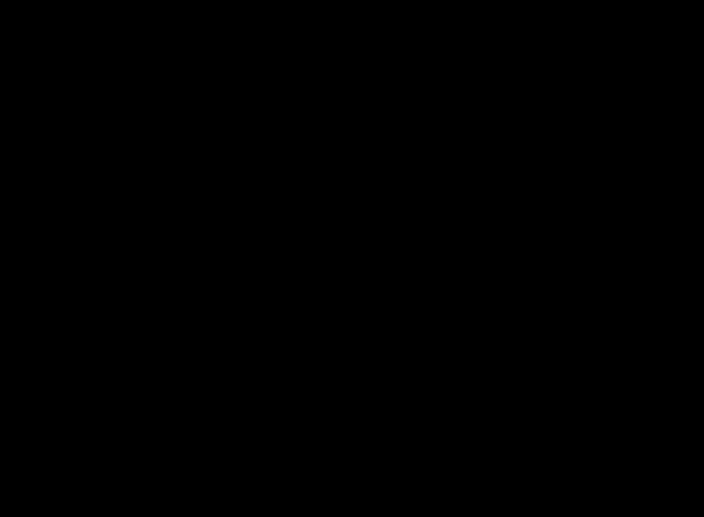
Type of Work	Description	Pipe Diameter	Volume Interval		Strata Type and/or Depth (inches)	UOM	Unit #
Cut-Back Restoration Services	6" Cut-back asphalt top non-protected rdwy (per LF of actual cut-back) - STRATA "A"			A	Asphalt/Concrete	Per LF	RR001
	6" Full-depth saw cut on asphalt on concrete rdwy /protected critical dry. (per LF of actual sawcut)*- STRATA "C"			C	Asphalt/Concrete	Per LF	RR002
	12" saw cut on asphalt top /protected critical rdwy. (per LF of actual saw cut)**- STRATA "E"			E	Asphalt/Concrete	Per LF	RR003
	12" Full-depth saw cut on asphalt only /protected critical rdwy. (per LF of actual saw cut)- STRATA "G"			G	Asphalt only	Per LF	RR004
	6" saw cut asphalt top only on protected non-critical rdwy- STRATA "I"			I	Asphalt/Concrete	Per LF	RR005
Cut-Back Restoration Mains	6" Cut-back asphalt top non-protected rdwy (per LF of actual cut-back) - STRATA "B"			B	Asphalt/Concrete	Per LF	RR006
	6" Full-depth saw cut on asphalt on concrete rdwy /protected critical rdwy. (per LF of actual saw cut)- STRATA "D"			D	Asphalt/Concrete	Per LF	RR007
	12" saw cut on asphalt top /protected critical rdwy. (per LF of actual saw cut)- STRATA "F"			F	Asphalt/Concrete	Per LF	RR008
	12" Full-depth saw cut on asphalt only /protected critical rdwy. (per LF of actual saw cut)- STRATA "H"			H	Asphalt only	Per LF	RR009
	6" saw cut asphalt top only on protected non-critical rdwy- STRATA "J"			J	Asphalt/Concrete	Per LF	RR010
Cut-Back Restoration Misc	Asphalt 2" depth includes breaking, removal and placement (per SY) in excess of NYC requirements				Asphalt/Concrete	Per LF	RR011

HALLEN

UNIT PRICES IN CCH INCLUDES [ ] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

HALLEN

UNIT PRICES IN CCH INCLUDES [ ] RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## MISCELLANEOUS

Type of Work	Description	Pipe Diameter	Strata Type and/or Depth (inches)	UOM	Unit #	
Extra Depth	Extra Depth			per CY	MI168	
Extra Perimeter Excavation	Extra Perimeter Excavation			per CY	MI166	
Gas meter change	Remove & install new gas meter set, return old to National Grid location			Lump Sum	XX554	
Protection posts	Furnish & install two (2) meter protection posts			Lump Sum	XX553	
Silt fence	Furnish, install & remove silt fence			Per LF	XX558	
Sheathing	Furnish & install sheathing in ≥ 5' deep excavations (adder to contract items)			per SF	XX557	
Sand	Furnish, Deliver and Install			per CY	XX540	
Hay bale	Furnish, install & remove hay bale			Each	XX541	
Clean fill	Furnish, Deliver and Install			per CY	XX522	
	Pick up, deliver and install material provided by N. Grid			per CY	XX524	
Customer piping	Extend customer piping > 10' (including vent piping)			per LF	XX552	
Relight Customer Appliances	Relight Customer Appliances			per Meter	XX556	
Carpentry	All Inclusive for typical installation			Lump Sum	XX523	
Tree Guards	Tree guards installed, maintained and removed			Each	XX502	
Arborist-directed Hand Digging	Incremental Arborist-directed Hand Digging around trees			Per LF	XX559	
Rebuild Header	Rebuild Header after failed air test			Each	XX555	
Trolley Rail and Tie Removal	Trolley Rail and Tie Removal			Per LF	XX560	
Core drilling	3" - 6" diameter, up to 24" thickness			Each	XX550	
	8" - 16" diameter, up to 24" thickness			Each	XX551	
Environmental Opening	Additional Opening for Environmental Purposes	≤ 8"	A	Dirt/Grass/No perm resto	Lump Sum	XX542
			C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XX544
			C	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BX544
			C	Asphalt, concrete or binder combo up to 9"	Lump Sum	OX544
			D	Asphalt, concrete or binder combo > 9"	Lump Sum	XX546
			D	Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BX546
			D	Asphalt, concrete or binder combo > 9"	Lump Sum	OX546
			E	Concrete up to 7" non-reinforced or reinforced	Lump Sum	XX548
			A	Dirt/Grass/No perm resto	Lump Sum	XX543
			C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XX545
			C	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BX545
			C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XX545
			C	Binder to Grade - Asphalt, concrete or binder combo up to 9"	Lump Sum	BX545
			C	Asphalt, concrete or binder combo up to 9"	Lump Sum	XX545

### HALLEN

UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island



# CONFIDENTIAL

## MISCELLANEOUS

Type of Work	Description	Pipe Diameter	Strata Type and/or Depth (inches)	UOM	Unit #
		10" to 16"	C Asphalt, concrete or binder combo up to 9"	Lump Sum	OX545
			D Asphalt, concrete or binder combo > 9"	Lump Sum	XX547
			D Binder to Grade - Asphalt, concrete or binder combo > 9"	Lump Sum	BX547
			D Asphalt, concrete or binder combo > 9"	Lump Sum	OX547
			E Concrete up to 7" non-reinforced or reinforced	Lump Sum	XX549

### HALLEN

UNIT PRICES IN CCH INCLUDES [REDACTED] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES [REDACTED] RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

**CONFIDENTIAL**

**LABOR & EQUIPMENT**

**HALLEN**

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ RATE  
INCREASE EFFECTIVE-APRIL 1, 2015 -  
November 30, 2015

UNIT PRICES IN CCH INCLUDES █ % RATE  
DECREASE EFFECTIVE-DECEMBER 1, 2015 -  
APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

Description	UOM	Unit #
Foreman	Straight Time	per Hour LA423
	Saturday / extended day premium time	per Hour LA424
	Sunday and holiday premium time	per Hour LA483
Laborer	Straight Time	per Hour LA435
	Saturday / extended day premium time	per Hour LA436
	Sunday and holiday premium time	per Hour LA437
Operating Engineer/Operator, backhoe/tractor/digger/loader	Straight Time	per Hour LA461
	Saturday / extended day premium time	per Hour LA463
	Sunday and holiday premium time	per Hour LA494
Chauffeur/dump truck driver	Straight Time	per Hour LA420
	Saturday / extended day premium time	per Hour LA421
	Sunday and holiday premium time	per Hour LA422
Flagger	Straight Time	per Hour LA464
	Saturday / extended day premium time	per Hour LA465
	Sunday and holiday premium time	per Hour LA466
Timber Person	Straight Time	per Hour LA438
	Saturday / extended day premium time	per Hour LA439
	Sunday and holiday premium time	per Hour LA440
Maintenance Person	Straight Time	per Hour LA449
	Saturday / extended day premium time	per Hour LA450
	Sunday and holiday premium time	per Hour LA451
Welder	Straight Time	per Hour LA452
	Saturday / extended day premium time	per Hour LA453
	Sunday and holiday premium time	per Hour LA454
Crane Operator	Straight Time	per Hour LA455
	Saturday / extended day premium time	per Hour LA456
	Sunday and holiday premium time	per Hour LA457
Compressor Operating Engineer (w/ compressor equip)	Saturday / extended day premium time	per Hour LA469
	Sunday and holiday premium time	per Hour LA496
Plastic Main Crew	Straight Time	per Hour LA442
	Saturday / extended day premium time	per Hour LA443
	Sunday and holiday premium time	per Hour LA444
Service Crew	Standby time due to permit restrictions - Straight Time	per Hour LA445
	Straight Time	per Hour LA446
	Saturday / extended day premium time	per Hour LA447
	Sunday and holiday premium time	per Hour LA448



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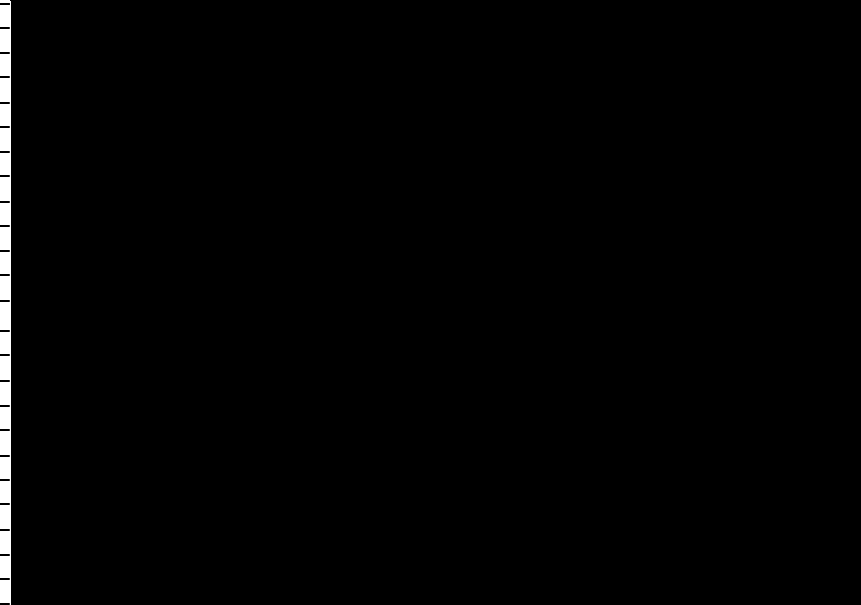
**HALLEN**

**HALLEN**

UNIT PRICES IN CCH INCLUDES █ % RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

UNIT PRICES IN CCH INCLUDES █ % RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

Description	UOM	Unit #
Maintenance Crew	Standby time due to permit restrictions - Straight Time	per Hour LA470
	Straight Time	per Hour LA471
	Saturday / extended day premium time	per Hour LA472
	Sunday and holiday premium time	per Hour LA473
HDD Crew	Standby time due to permit restrictions - Straight Time	per Hour LA474
	Straight Time	per Hour LA475
	Saturday / extended day premium time	per Hour LA476
	Sunday and holiday premium time	per Hour LA477
Steel Main Crew	Straight Time	per Hour LA479
	Saturday / extended day premium time	per Hour LA480
	Sunday and holiday premium time	per Hour LA481
	Crew, Mains (PL/ST) stipulation time	Per Hour LA478
Rigger	Straight Time	per Hour LA525
	Saturday / extended day premium time	per Hour LA523
	Sunday and holiday premium time	per Hour LA524
HDD Machine Operator	Straight Time	per Hour LA520
	Saturday / extended day premium time	per Hour LA521
	Sunday and holiday premium time	per Hour LA522
Excavator Operator	Straight Time	per Hour LA500
	Saturday / extended day premium time	per Hour LA501
	Sunday and holiday premium time	per Hour LA502
Carpenter, (W/ Vechile)	Straight Time	per Hour LA510
	Saturday / extended day premium time	per Hour LA511
	Sunday and holiday premium time	per Hour LA512



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**LABOR & EQUIPMENT**

**HALLEN**

**HALLEN**

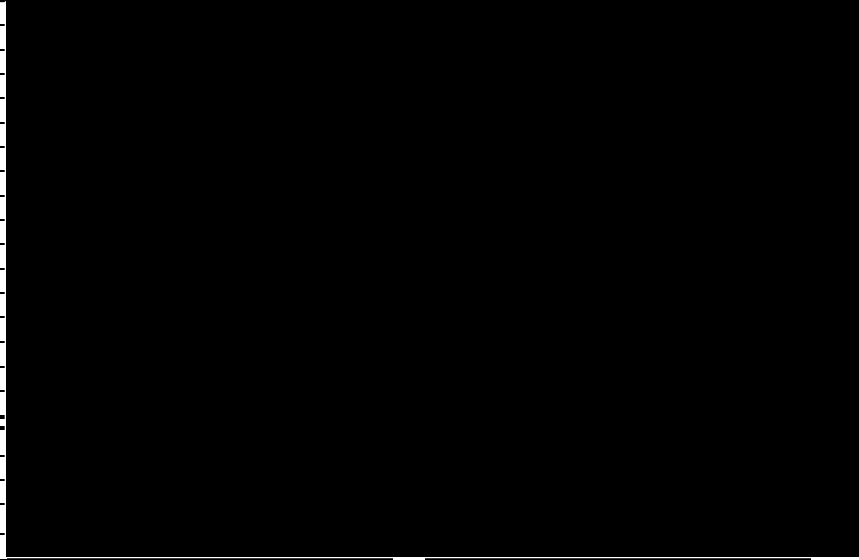
UNIT PRICES IN CCH INCLUDES █ RATE  
INCREASE EFFECTIVE-APRIL 1, 2015 -  
November 30, 2015

UNIT PRICES IN CCH INCLUDES █ % RATE  
DECREASE EFFECTIVE-DECEMBER 1, 2015 -  
APRIL 1, 2017

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

Description	UOM	Unit #	
Crane, up to 45 ton	per Day	EQ124	
Compressor, trailer-mounted 160 - 185 CF with hoses and tools	per Day	EQ345	
Power Generator, 2500 watts	per Day	EQ334	
Backhoe/Tractor/Digger/Loader	per Day	EQ335	
Excavator (wheeled)	per Day	EQ370	
Vacuum Truck, with tools	per Day	EQ337	
Utility Truck, fully equipped	per Day	EQ376	
Boom Trailer, for pipe w/ slings	Per Day	EQ375	
Flood Light Bank/Light Tower	per Day	EQ339	
Arrow Board, illuminated	per Day	EQ343	
Dump truck, > 12 CY	per Day	EQ347	
Dump truck, > 25 CY	per Day	EQ348	
Jersey Barriers	Per LF	EQ363	
Steel Traffic Plates	per Day	EQ351	
Welding Rig, truck-mounted with equipment	per Day	EQ353	
Pump w/ hoses, 4"	per Day	EQ371	
Pump w/ hoses, 6"	per Day	EQ372	
Sawcut, minimum call-out per day	per Day	XX893	
Saw Cutting roadway	roadway ≤ 12	Per LF	XX895
	roadway 13 to 18	Per LF	XX883
	roadway > 18	Per LF	XX894
	Sawcut sidewalk (any thickness)	Per LF	XX896



# CONFIDENTIAL

## HORIZONTAL DIRECTIONAL DRILLING

Type of Work	Description	Pipe Diameter	Volume Interval	Strata Type and/or	UOM	Unit #
HDD Sending / Receiving Opening	Directional Drilling, sending/receiving opening			A Dirt/Grass/No perm resto	Each	XA602
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Each	BC603
				C Asphalt, concrete or binder combo up to 9"	Each	XC602
				C Asphalt, concrete or binder combo > 9"	Each	OC602
				D Asphalt, concrete or binder combo > 9"	Each	XD603
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Each	BD603
				D Asphalt, concrete or binder combo > 9"	Each	OD603
				E Concrete up to 7" non-reinforced or reinforced	Each	XE602
HDD Test Holes	HDD Test Holes			A Dirt/Grass/No perm resto	Each	XA601
				C Asphalt, concrete or binder combo up to 9"	Each	XC601
				C Binder to Grade - Asphalt, concrete or binder combo up to 9"	Each	BC601
				C Asphalt, concrete or binder combo up to 9"	Each	OC601
				D Asphalt, concrete or binder combo > 9"	Each	XD601
				D Binder to Grade - Asphalt, concrete or binder combo > 9"	Each	BD601
				D Asphalt, concrete or binder combo > 9"	Each	OD601
				E Concrete up to 7" non-reinforced or reinforced	Each	XE601
HDD Services	Directional Drilling Services	up to 2"	1' to 60'	Lump Sum	XX109	
			61' to 120'	Lump Sum	XX110	
			121' to 200'	Lump Sum	XX111	
		4"	1' to 60'	Lump Sum	XX112	
			61' to 120'	Lump Sum	XX113	
			121' to 200'	Lump Sum	XX114	
HDD Services (adder)	Directional Drilling Services >200'	up to 2"	121' - 200'	Per LF adder	XX115	
		4"	121' - 200'	Per LF adder	XX117	
HDD Mains	HDD Mains	2"	1' to 200'	Lump Sum	XX100	
				Lump Sum	XX101	
				Lump Sum	XX102	
HDD Mains (adder)		2"	>200'	Per LF adder	XX103	
				4"	Per LF adder	XX105
				6"	Per LF adder	XX107

### HALLEN

UNIT PRICES IN CCH INCLUDES [ ] RATE INCREASE EFFECTIVE-APRIL 1, 2015 - November 30, 2015		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island

### HALLEN

UNIT PRICES IN CCH INCLUDES [ ] RATE DECREASE EFFECTIVE-DECEMBER 1, 2015 - APRIL 1, 2017		
Bid Area 1	Bid Area 2	Bid Area 3
Brooklyn	Queens	Staten Island