

AGREEMENT

This Agreement, made and entered into on the date when signed by the party signing last in time, by and between **National Grid USA Service Company, Inc.** ("Company"), a Massachusetts corporation having its principal place of business at 40 Sylvan Rd., Waltham, MA 02451; and **Elecnor Hawkeye LLC** ("Contractor") having its office and principal place of business at 100 Marcus Blvd. Suite 1, Hauppauge, NY 11788 for the Work identified as the Mott Ave, Booth St. & Malverne Ave. Projects with National Grid.

ARTICLE 1 - SCOPE OF WORK

The Contractor hereby agrees to provide all qualified labor, materials, tools, apparatus, equipment, supervision, services, facilities and insurance to perform all Work in accordance with this Agreement.

ARTICLE 2 - CONTRACT DOCUMENTS

The following documents, as amended from time to time consistent with industry standards for the services specified and the intended use by the Company, including all attached schedules, appendices, exhibits or other attachments thereto, are incorporated by reference as if fully set forth herein, and are hereinafter referred to collectively and individually as the "Contract Documents" or the "Agreement":

1. Agreement
2. NDA
3. 700 Form Terms and Conditions dated 7/8/16
4. Schedule A - Supplemental Conditions
5. Schedule B – Scope of Work
6. Schedule C – Question & Answer during RFP
7. Schedule D – Pricing & Bid Submission
8. Schedule E - National Grid Contractor Safety Requirements
9. Schedule F - National Grid Environmental Requirements
10. Schedule G - National Grid Background Check Requirements

11. Schedule H – Anti-Drug & Alcohol Contractor Compliance
12. Schedule I – Supplier Code of Conduct
13. Schedule J – Sustainability Policy
14. Schedule K – Anti-Fraud & Bribery Policy
15. Schedule L – Equal Employment Opportunity Compliance Requirements

ARTICLE 3 - AGREEMENT DURATION

This Agreement shall commence, or shall be deemed commenced, on May 22, 2017 and unless lawfully terminated earlier shall continue in force to the extent the Contractor continues to provide services under the relevant scope of services. The Company reserves the right, at its sole option, to cancel this contract at any time and for any reason.

ARTICLE 4 - CONTRACT PRICE

The Contract Prices for the Work shall be in accordance with Schedule D below.

ARTICLE 5 – TAXES

The Contractor is responsible for all applicable taxes associated with the workscope. Taxes are not applicable to labor. No sums in addition to the original contract amount will be paid by the Company for taxes, fees, permits, or other levies, which may be imposed on the work by any authority having jurisdiction over the work of services to be provided/performed by the Contractor.

ARTICLE 6 – ACKNOWLEDGEMENT

In the absence of The Contractor's written acceptance, performance of any part of the work provided for by this Agreement shall constitute acceptance of all provisions of this Agreement.

ARTICLE 7 – MISCELLANEOUS

This Agreement cannot be changed, altered, modified, amended, waived or discharged orally. Any such changes, alterations, modifications, amendments, waivers, or discharges can only be made effective when embodied in a written Agreement Change signed by an authorized representative or officer of the Company and the Contractor.

The Agreement, as the same may be amended from time to time in writing by an Agreement Change, sets forth the full and complete understanding of the parties regarding the services to be performed by the Contractor for the Company and supersedes any and all prior and contemporaneous agreements, commitments, understandings, and discussions, whether written or oral, which may have existed relating to the services to be performed by the Contractor. This Agreement shall not merge with or be terminated or superseded by any future agreement between the Parties that does not specifically so provide and without an Agreement Change to that effect. THE PARTIES HAVE READ AND UNDERSTAND THIS AGREEMENT AND AGREE TO BE BOUND BY ITS TERMS.

ARTICLE 8 – NOTICES

Notices required or permitted under this Agreement shall be addressed to:

To Company:

National Grid USA Service Company
40 Sylvan Road
Waltham, MA 02451

To Contractor:

ELECNOR HAWKEYE LLC
100 MARCOS BLVD
HAUPPAUGE NY 11788

Attention: Gas Construction, Global
Procurement

Attention: MATT BRAUNWART

ARTICLE 9 – 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.

Company:

National Grid USA Service Company, Inc.

By: 

Name: Alex Schwab

Title: Category Manager

Date: 6/16/17

Contractor:

Elecnor Hawkeye LLC

By: 

Name: JUAN BRAVO

Title: PRESIDENT AND CEO

Date: JUNE 16, 2017





**TERMS AND
CONDITIONS
FOR
CONSTRUCTION**

Form 00700 (Rev. July 8, 2016)

SCHEDULE A

SUPPLEMENTAL CONDITIONS to TERMS AND CONDITIONS FOR CONSTRUCTION Document No. 00700, (Rev. July 8, 2016)

Between

NATIONAL GRID USA SERVICE COMPANY, INC

and

ELECNOR HAWKEYE LLC

MARCH 29, 2017

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.

TIME OF PERFORMANCE

Article 4.7 shall be modified to change the second sentence to read as follows: **If the Company agrees with the Contractor, the Company will, in accordance with Section 14.3, approve an extension of time and/or, in Company's sole discretion, additional compensation for completion of the Work.**

WARRANTY/REMEDY

Article 8.1 shall be modified and now read as follows:**5) that all Work shall be free from defects in workmanship and materials of any kind, for a period.....**

PRICE/PAYMENT

Article 9.2 shall be modified and now read as follows: **Standard payment terms are "Net 45".....**

CHANGES TO WORK SCOPE/AGREEMENT CHANGES

Article 14.2 shall be modified and now read as follows:**the Contractor shall notify the Company in writing within five business days of receipt.....**

Article 14.3 shall be modified and now read as follows: **the Contractor shall submit, to the Company, prior to performance of any such Work, and within five business days of receipt**

SCHEDULE B

Scope of Work

SCHEDULE C

Questions & Answers During RFP

Questions & Answers During RFP

Question: Please clarify the difference between Item #I-A.2.c - Paving & Restoration and Optional Price II-A.1 - Cost to complete Final Road Restoration per specifications and requirements of Bid Specification, Design Drawings and Bid Strategy for the various projects.

Answer: Items I-A.2.c and II-A.1 are the same scope of work, the complete paving and restoration. So those items should have the same price on each job. II-A.1 is an option price in case National Grid decides to take the option not to have the contractor perform the paving and restoration. That option price would be used to calculate how much value would be removed from the lump sum price if National Grid took the option not to have the contractor perform the paving and restoration.

Question: Could we have final restoration requirements for asphalt and concrete roads?

i.e cutbacks, minimum width, etc

Answer: Freemont Rd Asphalt – Base trench and mill and pave the shoulder

Concrete – Full depth 5' wide trenching, and 5'x5' full depth for test holes

Booth St Asphalt - 1' cut back on all openings (HDD project)

No Concrete anticipated.

Question: In case of special restoration required by customers and/or work completed at finished basements that imply extra costs it would be compensated separately?

Answer: Extra costs will be approved on a case by case basis and compensated separately.

Question: The quantity of main to be installed varies depending on which documents you look at.

The Broadway Project for Example:

- Section 1.1 of the Scope of Work states 700' of 8", 50' of 4" and 160' of 2"
- Lump Sum Bid And Option Pricing Sheet states 700' of 8", 50' of 4" and 160' of 2"
- The total footage from the SOP's is 2230' of 8" and footage for the 4" and 2" is not provided
- The permit sketch states 2310' of directional drilling

Please clarify the quantity of pipe to be installed for the 5 projects.

Answer: Please refer to the bid documents (Scope of Work & Pricing Sheets) for the accurate job install footages, services, and cut and caps to be performed for each job.

Question: Please provide work hour stipulations for the various projects; no work hour information is given on the provided permit sketches.

Answer: Working hours on all Nassau County roads are 9AM to 4PM. Notification 48 hours prior to any work must be provided to Nassau County. Contact # will be on permit.

We are waiting to hear back from the Village of Valley Stream about working hours in front of school. As of now consider no stips for that particular location, normal working hours 7AM to 4PM unless told otherwise.

Question: Are western purges required on the 8" valves being installed on the LP main in Malverne?

Answer: No LP valves are needed, please do not include any LP valves in your bid on the Malverne Ave. Project.

Question: Is the following accurate?

Final Road restoration will be 6lf M&P 1.5" in every road with exception of:

- Broadway: Binder to grade due to paving requirements unknown until the end of the job.
- Picadilly, Lynbrook due to paving schedule (Please clarify if the final restoration of the intersection between Picadilly & Tottenham is part of the scope)
- Rose Ave due to paving schedule.

Answer: Yes that is accurate, except for the following:

On Piccadilly Downs, the Village is doing a full reconstruction of the asphalt shoulders, so 1.5" hot patch is all that is required in your bid. For the concrete panels at the intersection of Piccadilly Downs & Tottenham Rd include full depth concrete panel restoration in your bid. Estimate 6' wide by the length of the trench through the intersection as per SOP sketch. All other asphalt roads on the Lynbrook project should be 6" Binder on top of 6" RCA in trench and then mill and pave 6' wide asphalt shoulder as standard through all projects.

Rose Ave in Valley Stream should be binder to grade only. No mill and pave necessary due to Village resurfacing.

Question: Can we get the permit stipulations in all the jobs? Especially Broadway (County Road) and Valley Stream (School)?

Answer: Broadway, Nassau County Stips, working hours 9AM to 4PM. All village or town roads have no stips. No working stips in front of school in Valley Stream (Rose Ave), normal working hours.

Question: Sidewalk final restoration included in LS? It was discussed in the site visit it may make sense to include the temp in the LS and cover sidewalk restoration under unit price.

Answer: Include sidewalk temp and final restoration in lump sum price. Use estimated # of sidewalk openings by average sidewalk flag size which is 4'x4'. Factor in larger concrete flag sizes on Harris project due to openings in sidewalk behind stores (commercial).

Question: Is there going to be any additional compensation for flaggers?

Answer: Include all MPT and flaggers in lump sum bid. Factor in extra MPT and flaggers on Nassau County road if necessary.

Question: Are we responsible of the final restoration of the pipe already installed?

Answer: The final restoration lump sum price you submit in your bid for each project should include all final restoration on the project, including work started by a previous contractor when applicable.

As a reminder, on the lump sum pricing sheets you will see that the Final Restoration lump sum price has to be entered in two places. Once as part of the lump sum and a second time as an "optional" price. That is because National Grid may elect to not have the contractor perform the final restoration and if that happens we would reduce the contractor's lump sum by that amount.

Question: If we come across a traffic loop, would it be extra compensation for the repair?

Answer: Yes, submit unit price to repair a traffic loop if one is broken (each). The Unit Pricing workbook in Section 10 of the RFP has been updated to include a unit for traffic loop repair. Please make sure to use this revised version of the Unit Price Workbook when submitting your bid.

Questions specifically about Mott Ave project

Question: What restoration should we consider for the pipe already installed?

Answer: Consider all existing excavations as temp paved streets: hot patch, sidewalks: cold patch).

Question: In protected streets where pipe has been already installed, are going to have to schedule backfill with DOT? (meaning excavating the existing pipe)

Answer: Yes the contractors are expected to schedule protected street backfill with DOT (most main on protected streets installed in sidewalk).

Question: Should we include compaction test?

Answer: Yes the contractors should include compaction test.

Question: Besides the 6" full depth plus 12" wearing course cutback required by NYC DOT, sketch H-1042-A required permanent restoration for the entire lanes. Should M&P 10' lanes included in the pricing or that would be determined at the end of the job?

Answer: We are still looking into NYC DOT Specs but compose your bid using sketch H-1042 as reference.

SCHEDULE D

Pricing & Bid Submission

LUMP SUM BID AND OPTIONAL PRICING SHEET, ATTACHMENT B								
Mott Ave - Far Rockaway, NY								
\$	Sub \$	Item#	Lump Sum Milestones (Provide Total Lump Sum Price broken down into Milestones)	Description (Refer to Project Specification G-16-10, Design Drawings and Bid Strategy for Full Description of Scope of Work)	Include Option?	UOM	Unit Price	Ext Price
I	LUMP SUM PRICE I-A.	I-A.1	Total Lump Sum Price (equal to the sum of I-A.2.a through I-A.2.c.)	Cost to complete Project per specifications and requirements of Bid Specification, Design Drawings and Bid Strategy		Lump Sum		
	LUMP SUM MILESTONE UNITS I-A.2 (Note: Total Must Equal Lump Sum Price Above)	I-A.2.a.	All Main Gas-in	Installation of approx. 45' of 4" PE HP and 140' of 2" PE HP piping		Lump Sum		
		I-A.2.b.	Service Installation	Approximately 46 services. Estimated that 39 of these are internal.		Lump Sum		
		I-A.2.c.	Restoration Work	Paving & Restoration		Lump Sum		
II	OPTION PRICE II-A.	II-A.1	Total Lump Sum Option Price	Cost to complete Final Road Restoratin per specifications and requirements of Bid Specification, Design Drawings and Bid Strategy	Y	Lump Sum		

LUMP SUM BID AND OPTIONAL PRICING SHEET, ATTACHMENT B Booth St - Hempstead, NY								
\$	Sub \$	Item#	Lump Sum Milestones (Provide Total Lump Sum Price broken down into Milestones)	Description (Refer to Project Specification G-16-10, Design Drawings and Bid Strategy for Full Description of Scope of Work)	Include Option?	UOM	Unit Price	Ext Price
I	LUMP SUM PRICE I-A.	I-A.1	Total Lump Sum Price (equal to the sum of I-A.2.a through I-A.2.c.)	Cost to complete Project per specifications and requirements of Bid Specification, Design Drawings and Bid Strategy		Lump Sum		
	LUMP SUM MILESTONE UNITS I-A.2 (Note: Total Must Equal Lump Sum Price Above)	I-A.2.a.	All Main Gas-in	Installation of approx. 550' of 4" PE HP and 4800' of 2" PE HP piping		Lump Sum		
		I-A.2.b.	Service Installation	Approximately 115 services. Estimated that 65 of these are internal.		Lump Sum		
		I-A.2.c.	Restoration Work	Paving & Restoration		Lump Sum		
II	OPTION PRICE II-A.	II-A.1	Total Lump Sum Option Price	Cost to complete Final Road Restoratin per specifications and requirements of Bid Specification, Design Drawings and Bid Strategy	Y	Lump Sum		

LUMP SUM BID AND OPTIONAL PRICING SHEET, ATTACHMENT B Malverne Ave - Malverne, NY								
\$	Sub \$	Item#	Lump Sum Milestones (Provide Total Lump Sum Price broken down into Milestones)	Description (Refer to Project Specification G-16-10, Design Drawings and Bid Strategy for Full Description of Scope of Work)	Include Option?	UOM	Unit Price	Ext Price
I	LUMP SUM PRICE I-A.	I-A.1	Total Lump Sum Price (equal to the sum of I-A.2.a through I-A.2.c.)	Cost to complete Project per specifications and requirements of Bid Specification, Design Drawings and Bid Strategy		Lump Sum		
	LUMP SUM MILESTONE UNITS I-A.2 (Note: Total Must Equal Lump Sum Price Above)	I-A.2.a.	All Main Gas-in	Installation of approx. 2400' of 2" PE HP and 240' of 8" PE LP piping		Lump Sum		
		I-A.2.b.	Service Installation	Approximately 44 services LP to HP. Estimated that 38 of these are internal.		Lump Sum		
		I-A.2.c.	Restoration Work	Paving & Restoration		Lump Sum		
II	OPTION PRICE II-A.	II-A.1	Total Lump Sum Option Price	Cost to complete Final Road Restoratin per specifications and requirements of Bid Specification, Design Drawings and Bid Strategy	Y	Lump Sum		

CHANGE IN SCOPE UNIT PRICE SHEET, ATTACHMENT C								
Mott Ave- Far Rockaway, NY								
\$	Sub \$	Sub \$ Description	Item#	Work Description	UOM	Unit Price	Est Qty	Extended Price
\$1 - Clean Fill and Contaminated Soil These units apply to trench excavations when the NGrid representative determines that acceptable backfill material needs to be provided and/or if contaminated soils are encountered.	1.1	Furnish and place acceptable clean sand backfill from non-site excavated material. Includes removal and disposal of associated excess material. This unit applies to trench work only.	1.1.1	Clean Fill - 4 in. and 8 in. Pipe	/Trench Ft			
			1.1.2	Clean Fill - 2 in. Pipe	/Trench Ft			
	1.2	Furnish & place acceptable washed sand backfill obtained from non-site excavated material. Includes removal and disposal of associated unsuitable fill.	1.2.1	Furnish & place acceptable washed sand backfill	/CY			
	1.3	Handling of Contaminated Soil per NGrid Specifications	1.3.1	Disposal of contaminated soil from project site at a DEC certified disposal facility	/CY			
\$2 - Temporary Paving These units apply to the installation of temporary paving above the scope of work identified in the lump sum bid. All inclusive price to furnish and install hot and/or cold patch.	2.1	Additional Temporary Paving	2.1.1	2 in. thickness (hot patch)	/SY			
			2.1.2	4 in. thickness (hot patch)	/SY			
\$3 - Western Purge	3.1	Complete western purge and install to main per NGrid Standards	3.1.1	Western Purge	/EA			
\$4 - Obstructions Unit prices apply for increased work scope connected with unknown obstructions not shown on prints or that cannot be field identified as a potential interference.	4.1	These unit prices cover excavating, supporting and providing clearance and installation at the obstruction location. This unit also covers vertical excavations to maintain a minimum of 12" clearance from obstruction. Note: Prices shown above are for additions and deletions. If a relocation of the pipe route eliminates going under a "BID" or a designed profile obstruction, NGrid shall receive a credit in the appropriate amount stated above.	4.1.1	Separate obstruction up to 18 inch diameter or width	/EA			
\$5 - Add / Delete Complete System All inclusive unit price to install pipe at "Bid" defined depths. Includes, but not limited to, costs for test holes, excavation, pipe welding and installation, backfill, dewatering, etc. Pavement removal and temporary pavement are to be included in this price. Dewatering is included up to, but not including, a well point system. Permanent paving will be covered by the applicable unit price in this appendix.	5.1	Add Plastic High Pressure System	5.1.1	Paved Roads - 2" PHP Pipe	/LF			
			5.1.2	Paved Sidewalks - 2" PHP Pipe	/LF			
			5.1.3	Paved Roads - 4" PHP Pipe	/LF			
			5.1.4	Paved Sidewalks - 4" PHP Pipe	/LF			
			5.1.5	Paved Roads - 8" PHP Pipe	/LF			
			5.1.6	Paved Sidewalks - 8" PHP Pipe	/LF			
	5.2	Steel Detail - all inclusive unit price to cut and prep the end of damaged steel gas pipe that has been identified by NGrid upon delivery.	5.2.1	Cut & Prep the end of damaged steel gas pipe - 2" PHP Pipe	/EA			
			5.2.2	Cut & Prep the end of damaged steel gas pipe - 4" PHP Pipe	/EA			
			5.2.3	Cut & Prep the end of damaged steel gas pipe - 8" PHP Pipe	/EA			
\$6 - Additional Test Holes It is understood that this item will cover only the additional test holes NOT covered under the Lump Sum Bid. The lump sum price covers test holes for all mains, ducts, services, pipes, structures, etc. that are shown on the drawings or can be deducted.	6.1	Size of additional test holes is approx. 5 ft by 3 ft by 5 ft deep. The unit price includes pavement removal, patch etc.	6.1.1	Additional Test Holes	/EA			
	6.2	Unit price for Vacuum Excavated Test Hole	6.2.1	Vacuum Excavated test hole	/EA			

CHANGE IN SCOPE UNIT PRICE SHEET, ATTACHMENT C								
Mott Ave- Far Rockaway, NY								
\$	Sub \$	Sub \$ Description	Item#	Work Description	UOM	Unit Price	Est Qty	Extended Price
§7 - Road Plates Total steel plate rental rate for a period exceeding 90 days use at the tie-in pits or misc. pits installed.	7.1	Road Plates	7.1.1	Steel plate rental rate - Daily Rate	/day/pit			
	7.2	Road Plates	7.2.1	Steel plate rental rate - Weekly Rate	/week/pit			
	7.3	Road Plates	7.3.1	Steel plate rental rate - Monthly Rate	/month/pit			
§8 - Removals The unit prices apply to out of scope requirements for the removal of paving. It includes markout, sawcut or vermeer cut, removal and disposal of paving.	8.1	Unit price for Pavement Removal	8.1.1	Removals - Concrete Sidewalk	/SY			
			8.1.2	Removals - Concrete road paving	/SY			
			8.1.3	Removals - Blacktop paving	/SY			
	8.2	Unit Price for out of scope requirements for the removal and disposal of debris caused by others, such as scrap metal, construction or residential debris.	8.2.1	Removals - Debris	/CY			
§9 - Protection for Reduced Cover Contractor to furnish and install one inch thick steel plate as protection over the gas main installed at reduced cover when directed by NGrid.	9.1	Steel Plate Installation	9.1.1	One Inch Steel Plate Installed	/SF			
§10 - Offset Installation Expense Covers incremental costs associated with all inefficiencies and resultant delays when out of scope offsets are installed. Does not include fusions / welds which are covered under Unit 3. The application of this unit is limited to unplanned offsets only, necessitated by obstructions during actual excavation for main installation, where no prior mark out, drawing, test hole or other prior information could have been available.	10.1	All inclusive unit price covering installation from layout to backfill for vertical offset.	10.1.1	Vert. Offset Installation - price per 2" Elbow	/ 2" Stl El			
			10.1.2	Vert. Offset Installation - price per 4" Elbow	/ 4" Stl El			
			10.1.3	Vert. Offset Installation - price per 8" Elbow	/8" Stl El			
	10.2	All inclusive unit price covering installation from layout to backfill for horizontal offset.	10.2.1	Horiz. Offset Installation - price per 2" Elbow	/ 2" Stl El			
			10.2.2	Horiz. Offset Installation - price per 4" Elbow	/ 4" Stl El			
			10.2.3	Horiz. Offset Installation - price per 8" Elbow	/8" Stl El			
§11 - Permanent Paving Unit Prices Unit prices shown below are for increased work scope for permanent paving and restoration items.	11.1	Permanent Paving	11.1.1	Perm. Paving - 2" Blacktop	/SY			
			11.1.2	Perm. Paving - 4" Blacktop	/SY			
			11.1.3	Perm. Paving - 10" Dense Binder Base and 2" Top	/SY			
			11.1.4	Perm. Paving - 6" RCA Sub Base Mix – NYS Quality	/SY			
			11.1.5	Perm. Paving - 6" concrete	/SY			
			11.1.6	Perm. Paving - 8" concrete	/SY			
			11.1.7	Perm. Paving - 24" curb	/LF			
	11.2	Testing	11.2.1	Soil compaction testing services from NY State / County approved consultant to verify municipality requirements	/Day			
§12 - Lean Concrete Bedding Installation of a lean concrete bedding over gas facilities as directed by NGrid personnel. Maximum rating of concrete not to exceed 500 psi.	12.1	Lean Concrete Bedding	12.1.1	Lean Concrete Bedding	/CY			
§13 - Hand Digging Around Tree Roots Increased work scope associated with hand digging to protect the root system of any City-owned trees in accordance with New York City Department of Parks and Recreation Forestry Protocol.	13.1	Hand Excavation	13.1.1	Hand Excavation	/CY			
§14 - Stipulation Time Lost crew hours due to changes in stipulation times provided.	14.1	Stipulation Time	14.1.1	Stipulation Time	/Hr			
§15 - Dry Hole Excavation at the direction of National Grid to investigate an anomaly in which no anomaly is discovered.	15.1	Excavated area to investigate coating anomaly in which no anomalies are discovered. Size of test holes is approx. 5 ft by 3 ft by 5 ft deep. The unit price includes pavement removal and final restoration.	15.1.1	Excavated area to investigate coating anomaly in which no anomalies are discovered	/ea			
§16 - Counter Sink Road Plates Cost to counter sink road plates flush with pavement surface	16.1	Counter sink road plates flush with pavement surface	16.1.1	Counter sink road plates flush with pavement surface	/ea			
§17 - Excavate Pit that Requires Sheathing This unit is used for excavations ≥ 5 feet in depth that require sheathing. Sheathing units are priced per square foot of vertical sheathing installed, measured from the roadway surface to the bottom of the sheathed excavation	17.1	Furnish & Install sheathing in ≥ 5' deep excavations. Excavating, including removal and disposal of excavated materials; installation, maintenance, and removal of sheathing; and backfill of excavation are included in unit price	17.1.1	Furnish & Install sheathing in ≥ 5' deep excavations	/SF			
§18 - Repair Traffic Loop This unit is used for the complete repair of traffic loops broken in the roadway due to planned gas work. Item shall include all work to restore traffic loop to previous condition	18.1	Traffic Loop Repair	18.1.1	Restore broken/damaged traffic loop to previous condition	/EA			

CHANGE IN SCOPE UNIT PRICE SHEET, ATTACHMENT C								
Booth St - Hempstead, NY								
\$	Sub \$	Sub \$ Description	Item#	Work Description	UOM	Unit Price	Est Qty	Extended Price
\$1 - Clean Fill and Contaminated Soil These units apply to trench excavations when the NGrid representative determines that acceptable backfill material needs to be provided and/or if contaminated soils are encountered.	1.1	Furnish and place acceptable clean sand backfill from non-site excavated material. Includes removal and disposal of associated excess material. This unit applies to trench work only.	1.1.1	Clean Fill - 4 in. and 8 in. Pipe	/Trench Ft			
			1.1.2	Clean Fill - 2 in. Pipe	/Trench Ft			
	1.2	Furnish & place acceptable washed sand backfill obtained from non-site excavated material. Includes removal and disposal of associated unsuitable fill.	1.2.1	Furnish & place acceptable washed sand backfill	/CY			
		1.3 Handling of Contaminated Soil per NGrid Specifications	1.3.1	Disposal of contaminated soil from project site at a DEC certified disposal facility	/CY			
\$2 - Temporary Paving These units apply to the installation of temporary paving above the scope of work identified in the lump sum bid. All inclusive price to furnish and install hot and/or cold patch.	2.1	Additional Temporary Paving	2.1.1	2 in. thickness (hot patch)	/SY			
			2.1.2	4 in. thickness (hot patch)	/SY			
\$3 - Western Purge	3.1	Complete western purge and install to main per NGrid Standards	3.1.1	Western Purge	/EA			
\$4 - Obstructions Unit prices apply for increased work scope connected with unknown obstructions not shown on prints or that cannot be field identified as a potential interference.	4.1	These unit prices cover excavating, supporting and providing clearance and installation at the obstruction location. This unit also covers vertical excavations to maintain a minimum of 12" clearance from obstruction. Note: Prices shown above are for additions and deletions. If a relocation of the pipe route eliminates going under a "BID" or a designed profile obstruction, NGrid shall receive a credit in the appropriate amount stated above.	4.1.1	Separate obstruction up to 18 inch diameter or width	/EA			
\$5 - Add / Delete Complete System All inclusive unit price to install pipe at "Bid" defined depths. Includes, but not limited to, costs for test holes, excavation, pipe welding and installation, backfill, dewatering, etc. Pavement removal and temporary pavement are to be included in this price. Dewatering is included up to, but not including, a well point system. Permanent paving will be covered by the applicable unit price in this appendix.	5.1	Add Plastic High Pressure System	5.1.1	Paved Roads - 2" PHP Pipe	/LF			
			5.1.2	Paved Sidewalks - 2" PHP Pipe	/LF			
			5.1.3	Paved Roads - 4" PHP Pipe	/LF			
			5.1.4	Paved Sidewalks - 4" PHP Pipe	/LF			
			5.1.5	Paved Roads - 8" PHP Pipe	/LF			
			5.1.6	Paved Sidewalks - 8" PHP Pipe	/LF			
	5.2	Steel Detail - all inclusive unit price to cut and prep the end of damaged steel gas pipe that has been identified by NGrid upon delivery.	5.2.1	Cut & Prep the end of damaged steel gas pipe - 2" PHP Pipe	/EA			
			5.2.2	Cut & Prep the end of damaged steel gas pipe - 4" PHP Pipe	/EA			
			5.2.3	Cut & Prep the end of damaged steel gas pipe - 8" PHP Pipe	/EA			
\$6 - Additional Test Holes It is understood that this item will cover only the additional test holes NOT covered under the Lump Sum Bid. The lump sum price covers test holes for all mains, ducts, services, pipes, structures, etc. that are shown on the drawings or can be deducted.	6.1	Size of additional test holes is approx. 5 ft by 3 ft by 5 ft deep. The unit price includes pavement removal, patch etc.	6.1.1	Additional Test Holes	/EA			
	6.2	Unit price for Vacuum Excavated Test Hole	6.2.1	Vacuum Excavated test hole	/EA			

CHANGE IN SCOPE UNIT PRICE SHEET, ATTACHMENT C								
Booth St - Hempstead, NY								
\$	Sub \$	Sub \$ Description	Item#	Work Description	UOM	Unit Price	Est Qty	Extended Price
§7 - Road Plates Total steel plate rental rate for a period exceeding 90 days use at the tie-in pits or misc. pits installed.	7.1	Road Plates	7.1.1	Steel plate rental rate - Daily Rate	/day/pit			
	7.2	Road Plates	7.2.1	Steel plate rental rate - Weekly Rate	/week/pit			
	7.3	Road Plates	7.3.1	Steel plate rental rate - Monthly Rate	/month/pit			
§8 - Removals The unit prices apply to out of scope requirements for the removal of paving. It includes markout, sawcut or vermeer cut, removal and disposal of paving.	8.1	Unit price for Pavement Removal	8.1.1	Removals - Concrete Sidewalk	/SY			
			8.1.2	Removals - Concrete road paving	/SY			
			8.1.3	Removals - Blacktop paving	/SY			
	8.2	Unit Price for out of scope requirements for the removal and disposal of debris caused by others, such as scrap metal, construction or residential debris.	8.2.1	Removals - Debris	/CY			
§9 - Protection for Reduced Cover Contractor to furnish and install one inch thick steel plate as protection over the gas main installed at reduced cover when directed by NGrid.	9.1	Steel Plate Installation	9.1.1	One Inch Steel Plate Installed	/SF			
§10 - Offset Installation Expense Covers incremental costs associated with all inefficiencies and resultant delays when out of scope offsets are installed. Does not include fusions / welds which are covered under Unit 3. The application of this unit is limited to unplanned offsets only, necessitated by obstructions during actual excavation for main installation, where no prior mark out, drawing, test hole or other prior information could have been available.	10.1	All inclusive unit price covering installation from layout to backfill for vertical offset.	10.1.1	Vert. Offset Installation - price per 2" Elbow	/ 2" Std El			
			10.1.2	Vert. Offset Installation - price per 4" Elbow	/ 4" Std El			
			10.1.3	Vert. Offset Installation - price per 8" Elbow	/8" Std El			
	10.2	All inclusive unit price covering installation from layout to backfill for horizontal offset.	10.2.1	Horiz. Offset Installation - price per 2" Elbow	/ 2" Std El			
			10.2.2	Horiz. Offset Installation - price per 4" Elbow	/ 4" Std El			
			10.2.3	Horiz. Offset Installation - price per 8" Elbow	/8" Std El			
§11 - Permanent Paving Unit Prices Unit prices shown below are for increased work scope for permanent paving and restoration items.	11.1	Permanent Paving	11.1.1	Perm. Paving - 2" Blacktop	/SY			
			11.1.2	Perm. Paving - 4" Blacktop	/SY			
			11.1.3	Perm. Paving - 10" Dense Binder Base and 2" Top	/SY			
			11.1.4	Perm. Paving - 6" RCA Sub Base Mix – NYS Quality	/SY			
			11.1.5	Perm. Paving - 6" concrete	/SY			
			11.1.6	Perm. Paving - 8" concrete	/SY			
			11.1.7	Perm. Paving - 24" curb	/LF			
	11.2	Testing	11.2.1	Soil compaction testing services from NY State / County approved consultant to verify municipality requirements	/Day			
§12 - Lean Concrete Bedding Installation of a lean concrete bedding over gas facilities as directed by NGrid personnel. Maximum rating of concrete not to exceed 500 psi.	12.1	Lean Concrete Bedding	12.1.1	Lean Concrete Bedding	/CY			
§13 - Hand Digging Around Tree Roots Increased work scope associated with hand digging to protect the root system of any City-owned trees in accordance with New York City Department of Parks and Recreation Forestry Protocol.	13.1	Hand Excavation	13.1.1	Hand Excavation	/CY			
§14 - Stipulation Time Lost crew hours due to changes in stipulation times provided.	14.1	Stipulation Time	14.1.1	Stipulation Time	/Hr			
§15 - Dry Hole Excavation at the direction of National Grid to investigate an anomaly in which no anomaly is discovered.	15.1	Excavated area to investigate coating anomaly in which no anomalies are discovered. Size of test holes is approx. 5 ft by 3 ft by 5 ft deep. The unit price includes pavement removal and final restoration.	15.1.1	Excavated area to investigate coating anomaly in which no anomalies are discovered	/ea			
§16 - Counter Sink Road Plates Cost to counter sink road plates flush with pavement surface	16.1	Counter sink road plates flush with pavement surface	16.1.1	Counter sink road plates flush with pavement surface	/ea			
§17 - Excavate Pit that Requires Sheathing This unit is used for excavations ≥ 5 feet in depth that require sheathing. Sheathing units are priced per square foot of vertical sheathing installed, measured from the roadway surface to the bottom of the sheathed excavation	17.1	Furnish & Install sheathing in ≥ 5' deep excavations. Excavating, including removal and disposal of excavated materials; installation, maintenance, and removal of sheathing; and backfill of excavation are included in unit price	17.1.1	Furnish & Install sheathing in ≥ 5' deep excavations	/SF			
§18 - Repair Traffic Loop This unit is used for the complete repair of traffic loops broken in the roadway due to planned gas work. Item shall include all work to restore traffic loop to previous condition	18.1	Traffic Loop Repair	18.1.1	Restore broken/damaged traffic loop to previous condition	/EA			

CHANGE IN SCOPE UNIT PRICE SHEET, ATTACHMENT C					
Malverne Ave - Malverne, NY					
§	Sub §	Sub § Description	Item#	Work Description	UOM
§1 - Clean Fill and Contaminated Soil These units apply to trench excavations when the NGrid representative determines that acceptable backfill material needs to be provided and/or if contaminated soils are encountered.	1.1	Furnish and place acceptable clean sand backfill from non-site excavated material. Includes removal and disposal of associated excess material. This unit applies to trench work only.	1.1.1	Clean Fill - 4 in. and 8 in. Pipe	/Trench Ft
			1.1.2	Clean Fill - 2 in. Pipe	/Trench Ft
	1.2	Furnish & place acceptable washed sand backfill obtained from non-site excavated material. Includes removal and disposal of associated unsuitable fill.	1.2.1	Furnish & place acceptable washed sand backfill	/CY
	1.3	Handling of Contaminated Soil per NGrid Specifications	1.3.1	Disposal of contaminated soil from project site at a DEC certified disposal facility	/CY
§2 - Temporary Paving These units apply to the installation of temporary paving above the scope of work identified in the lump sum bid. All inclusive price to furnish and install hot and/or cold patch.	2.1	Additional Temporary Paving	2.1.1	2 in. thickness (hot patch)	/SY
			2.1.2	4 in. thickness (hot patch)	/SY
§3 - Western Purge	3.1	Complete western purge and install to main per NGrid Standards	3.1.1	Western Purge	/EA
§4 - Obstructions Unit prices apply for increased work scope connected with unknown obstructions not shown on prints or that cannot be field identified as a potential interference.	4.1	These unit prices cover excavating, supporting and providing clearance and installation at the obstruction location. This unit also covers vertical excavations to maintain a minimum of 12" clearance from obstruction. Note: Prices shown above are for additions and deletions. If a relocation of the pipe route eliminates going under a "BID" or a designed profile obstruction, NGrid shall receive a credit in the appropriate amount stated above.	4.1.1	Separate obstruction up to 18 inch diameter or width	/EA
§5 - Add / Delete Complete System All inclusive unit price to install pipe at "Bid" defined depths. Includes, but not limited to, costs for test holes, excavation, pipe welding and installation, backfill, dewatering, etc. Pavement removal and temporary pavement are to be included in this price. Dewatering is included up to, but not including, a well point system. Permanent paving will be covered by the applicable unit price in this appendix.	5.1	Add Plastic High Pressure System	5.1.1	Paved Roads - 2" PHP Pipe	/LF
			5.1.2	Paved Sidewalks - 2" PHP Pipe	/LF
			5.1.3	Paved Roads - 4" PHP Pipe	/LF
			5.1.4	Paved Sidewalks - 4" PHP Pipe	/LF
			5.1.5	Paved Roads - 8" PHP Pipe	/LF
			5.1.6	Paved Sidewalks - 8" PHP Pipe	/LF
	5.2	Steel Detail - all inclusive unit price to cut and prep the end of damaged steel gas pipe that has been identified by NGrid upon delivery.	5.2.1	Cut & Prep the end of damaged steel gas pipe - 2" PHP Pipe	/EA
			5.2.2	Cut & Prep the end of damaged steel gas pipe - 4" PHP Pipe	/EA
			5.2.3	Cut & Prep the end of damaged steel gas pipe - 8" PHP Pipe	/EA
§6 - Additional Test Holes It is understood that this item will cover only the additional test holes NOT covered under the Lump Sum Bid. The lump sum price covers test holes for all mains, ducts, services, pipes, structures, etc. that are shown on the drawings or can be deducted.	6.1	Size of additional test holes is approx. 5 ft by 3 ft by 5 ft deep. The unit price includes pavement removal, patch etc.	6.1.1	Additional Test Holes	/EA
	6.2	Unit price for Vacuum Excavated Test Hole	6.2.1	Vacuum Excavated test hole	/EA

CHANGE IN SCOPE UNIT PRICE SHEET, ATTACHMENT C								
Malverne Ave - Malverne, NY								
\$	Sub \$	Sub \$ Description	Item#	Work Description	UOM	Unit Price	Est Qty	Extended Price
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§19 - Mill Roadway Mill the wearing course of roadway prior to installation of top layer of final restoration	19.1	Mill Roadway	19.1.1	Mill wearing course of roadway	/SF			

7 - Hawkeye - Mott, Booth & Malverne Unit Prices

Malverne Ave



National Grid- Individual LI Mains & Services RFP 2
CLARIFICATIONS
May 2, 2017

1. We are unable to accurately determine restoration responsibilities or limits in locations where work was partially completed by a previous contractor prior to award of this work to Elecnor Hawkeye (EH). EH's Lump Sum pricing includes permanent asphalt and/or concrete restoration based on permit sketches on the following projects:

) Bay Blvd.

1. M&P = 2327 sqft
2. Sidewalk/Concrete = 850 sqft
3. Concrete Roadway= 5072 sqft

) Mott Ave.

1. M&P = 423 sqft
2. Sidewalk/Concrete= 1971 sqft

EH will perform restoration beyond these dimensions in accordance with unit pricing submitted with our bid.

2. Any damaged traffic loops to be repaired by a 3rd party and billed as a pass through item plus ■■%.
3. Point 3.3 of the DSNY Scope of work.
EH will complete all the projects no later than 1/18. The rest of dates will be updated accordingly to the start date and a new schedule will be set at the award/clarification meeting.

100 Marcus Boulevard
Suite 1
Hauppauge, NY 11788

Phone: 631-447-3100
Fax 631-447-3830



National Grid- Individual LI Mains & Services RFP 1
CLARIFICATIONS
April 30, 2017

1. Any damaged traffic loops to be repaired by a 3rd party and billed as a pass through item plus ■■%.
2. Point 3.3 of the DSNY Scope of work.
EH will complete all the projects no later than 9/15/17. The rest of the dates will be updated accordingly to the start date and a new schedule will be set at the award/clarification meeting.

CONSTRUCTION EQUIPMENT

***** List all construction equipment and associated quantities that you have included in your bid to complete the project.**

[illegible]

MANAGERS/FOREMAN/SUPERINTENDENTS

***** List all construction Managers, Foreman and Superintendents that you have included in your bid to complete the project.**

*****Please supply resumes for all names listed below along with your bid submittal.**

[illegible]

QUALIFIED PROJECT CREWS/STAFFING

***Operator Classifications and associated quantities of operators should be listed for all equipment listed as provided within the Construction Equipment section (Welders, Backhoe Operators, Helpers etc.).

*** List all personnel assigned to this project, operator classifications (if applicable), and renewal dates of operators that you have included in your bid to complete the project.

[illegible][illegible]

Subcontractors

*** List all subcontractors that will be utilized on the project site and their qualifications ***

<h3 style="margin: 0;">Subcontractors</h3> <p style="color: red; margin: 0;">*** List all subcontractors that will be utilized on the project site and their qualifications ***</p>			
1	Name of Firm	NY Paving and Masonry	
	Firm Phone Number & Address		
	Work to be Performed	Restoration	
	Union Affiliations		
	Qualifications & Renewal Dates		
	Previous Work Performed (include type of work & location)	1	
		2	
3			
2	Name of Firm		
	Work to be Performed		
	Union Affiliations		
	Qualifications & Renewal Dates		
	Previous Work Performed (include type of work & location)	1	
		2	
		3	

SCHEDULE E

Safety Requirements

SCHEDULE F

Environmental Requirements

SCHEDULE G

Background Check Requirements

SCHEDULE H

Anti-Drug & Alcohol Contractor Compliance

SCHEDULE I

Supplier Code of Conduct

SCHEDULE J

Sustainability Policy

SCHEDULE K

Anti-Fraud & Bribery Policy

SCHEDULE L

Equal Employment Opportunity Compliance Requirements