



Contract

Between

**Niagara Mohawk Power Corporation and Over
& Under Piping Contractors, Inc.**

For

**PL 16 HDD Route 481
Phoenix, NY**

Table of Contents

	DESCRIPTION	PAGE
	Agreement	3
	Terms and Conditions	6
Exhibit A:	Specifications & Drawings	7
Exhibit B:	N-1402_Contractor Safety Requirements	8
Exhibit C1:	SHW-101 Anti-Drug & Alcohol Procedure	9
Exhibit C2:	Contractor Compliance Affidavit	9
Exhibit C3:	DOT-FMCSA Drug Alcohol Prevention Plan	9
Exhibit C4:	DOT-PHMSA Drug Alcohol Prevention Plan	9
Exhibit D:	Equal Employment Opportunity Compliance Requirements	10
Exhibit E:	Exceptions & Deviations	11
Exhibit F1:	Environmental Procedure EP6 - Appendix A	12
Exhibit F2:	Environmental Procedure EP6 - Appendix B	12
Exhibit F3:	Environmental Procedure EP6 - Appendix C	12
Exhibit G1:	Security Procedure NGSP-6, Attachment A	13
Exhibit G2:	Security Procedure NGSP-6, Attachment B-1	13
Exhibit G3:	Security Procedure NGSP-6, Attachment B-2	13
Exhibit G4:	Security Procedure NGSP-6, Attachment C	13
Exhibit H:	Over & Under Pricing	14
	SOW – PL 16	14

AGREEMENT

This Agreement made and entered into on the date when signed by the party signing last in time, by and between Niagara Mohawk Corporate d/b/a National Grid (Owner), a New York State corporation with offices at 300 Erie Blvd. West Syracuse, NY 13202 and Over & Under Piping Contractors, Inc. (Contractor), a New York State corporation, having its principal place of business at 45 Hendrix Rd, West Henrietta, NY 14586 for the Work identified as:

NATIONAL GRID

PL 16 HDD Route 481

ARTICLE 1 - SCOPE OF WORK

The Contractor hereby agrees to provide all materials, equipment, apparatus, tools, labor, Services, and facilities necessary to perform the PL 16 HDD Route 481, in accordance with all of the specifications and Contract Documents associated with this Agreement.

ARTICLE 2 - CONTRACT DOCUMENTS

The following documents, 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":

Agreement
0700 Construction Terms and Conditions
Non-Disclosure Agreement for PL 16
OVER & UNDER PIPING CONTRACTORS, INC. Supplier Ethics Certification

Exhibit A:

- 1) Specifications & Drawings:
 - a. 69869010
 - b. 69869020
 - c. 69869030
 - d. 69869040
 - e. 69869010
 - f. 69869060
 - g. 69869060
 - h. Sht.5-4514-!Rte481-Stamped
- 2) SOW PL 16

Exhibit B1:

N-1402_Contractor Safety Requirements

Exhibit B2:

API 1173

Exhibit C1:

SHW-101 Anti-Drug & Alcohol Procedure

Exhibit C2:

Contractor Compliance Affidavit

Exhibit C3:

DOT-FMCSA Drug Alcohol Prevention Plan

Exhibit C4:

DOT-PHMSA Drug Alcohol Prevention Plan

Exhibit D:

Equal Employment Opportunity Compliance Requirements

Exhibit E:

Exceptions & Deviations

Exhibit F1:

Environmental Procedure EP6_Appendix A

Exhibit F2:

Environmental Procedure EP6_Appendix B

Exhibit F3:

Environmental Procedure EP6_Appendix C

Exhibit G1:

Security Procedure NGSP-6, Attachment A

Exhibit G2:

Security Procedure NGSP-6, Attachment B1

Exhibit G3: Security Procedure NGSP-6, Attachment B2
Exhibit G4: Security Procedure NGSP-6, Attachment C
Exhibit H: OVER & UNDER PIPING CONTRACTORS, INC. Pricing
Means & Methods document

ARTICLE 3 - SCHEDULE

Any Work to be performed under this Agreement shall be commenced and completed in accordance with the work schedule delineated in OVER & UNDER PIPING CONTRACTORS, INC. Schedule below.

ARTICLE 4 - CONTRACT PRICE

The Contract Price for the Work shall be in accordance with Exhibit H below, and shall be equitably adjusted to cover any additions, deletions or changes to the Project pursuant to Section 6.0 of the Terms and Conditions and for any adjustments required under Section 35.0 of the Terms and Conditions.

ARTICLE 5 - NOTICES

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

Contractor:

Over & Under Piping Contractors, Inc.
Att: Joseph Panna
PO Box 278
Auburn, NY 13201

Owner:

Niagara Mohawk DBA National Grid
Att: Linda Hiesiger
175 East Old Country Rd.
Hicksville, NY 11801

ARTICLE 6 - 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.

Over & Under Piping Contractors, Inc. – PL 16 HDD Route 481

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.

Contractor:

Niagara Mohawk d/b/a National Grid

Alex Schwertler
Signature

Alex Schwertler
Name

Casey Manager
Title

8/1/18
Date

Owner:

Over & Under Piping Contractors, Inc.

Joseph Panna
Signature

Joseph Panna
Name

President
Title

8/1/18
Date



**TERMS AND
CONDITIONS
FOR
CONSTRUCTION**

Form 00700 (Rev. March 26, 2018)

National Grid Safety Procedure		Rev. No.	11
		Page No.	i
N-1402	CONTRACTOR SAFETY REQUIREMENTS	Date:	2/26/2018

FOREWORD

National Grid's vision is to be a world-class safety organization with zero injuries every day. This includes working to help ensure the safety of our employees, contractors and the community. National Grid is committed to delivering operational excellence, including excellent levels of safety internally and in cooperation with the external contractors we rely on.

The Executive Safety Committee provides review and input for Safety Policies and Procedures through the Safety Policies and Procedures Subcommittee.

The Safety department is the owner of this procedure and is responsible for maintaining and implementing this procedure, soliciting comments from stakeholders and revising as necessary.

This document, "Contractor Safety Requirements", represents the current contractor safety requirements that are unique to operations and various functional groups at National Grid. This document does not specifically reference actions that are required by OSHA, other laws, rules, or regulations. These are requirements that should be understood by the contractor and contractor compliance with all applicable federal, state and local laws, rules, and regulations is expected by National Grid as a contractual condition.

Questions regarding this procedure should be referred to the National Grid Safety Department.

This document will be updated as necessary to communicate all aspects of National Grid's contractor safety to bidders, current contractors and to reflect changes in National Grid's Safety Policies and Procedures.

Date of Review/Revision:

Revision	Date	Description
1	08/5/2004	Initial
2	3/2/2005	Additions
3	01/30/2007	Additions
4	08/01/2008	Additions
5	08/01/2010	Additions
6	02/01/2011	Audit recommendations included

Pipeline Safety Management Systems

ANSI/API RECOMMENDED PRACTICE 1173
FIRST EDITION, JULY 2015



AMERICAN PETROLEUM INSTITUTE



1.0 Introduction

1.1 Purpose

National Grid strives to maintain a safe and productive work environment, and to ensure that our work-practices keep our employees, customers, and the public safe. The purpose of requiring all Contractors to register with Transportation Advisor is to ensure that our DOT Contractors fulfill those goals.

Additionally, Contractor compliance to state and federal drug and alcohol regulations, via Transportation Advisor, is necessary to ensure that National Grid meets the regulatory compliance standards mandated by FMCSA and PHMSA.

The purpose of this procedure is to ensure that National Grid does not utilize Contractors who are out of compliance with FMCSA and PHMSA regulations, by requiring all DOT Contractors to register with Transportation Advisor as part of the Procurement process. Details of the registration process are outlined in section 3.0, as well as in Contractor Registration Instructions (**available on Health & Wellbeing Infonet website**).

1.2 Organization of Procedure

Sections 1 through 6 contain policy and guidance for use by National Grid departments that use DOT Contractors or have a role in support of this procedure.

2.0 Vendor Applicability

National Grid requires all of its contracted service providers performing DOT covered work to register with Transportation Advisor. The DOT includes both Federal Motor Carrier Safety Administration and Gas Pipeline & Hazardous Materials Safety Administration. DOT covered work under FMCSA and PHMSA is defined as follows:

FMCSA (Part 383) - Any work that requires use of a commercial driver's license (CDL) holder driving commercial motor vehicles (CMV) e.g., line truck, dump, truck w/ trailer, utility truck, compressor truck greater than 26,000 pounds, i.e., Contractors performing work using trucks that weigh 26,000 lbs. or more.

PHMSA – Any work involving Liquid Natural Gas (LNG) operations, and gas pipeline construction, maintenance, and emergency response functions, i.e., all contractors performing LNG and Gas Pipeline work.

This requirement holds for work performed on-site and remotely, within and outside of the US. Throughout this procedure, these service providers are referred to as **Contractors (Attachment A - Definitions)**. Examples of Contractors include:

- Contractors

Contractor Compliance to FMCSA/PHMSA Drug & Alcohol Regulatory Requirements

Date: January 24, 2018

Document Number: SHW-101

Owner: Health & Wellbeing

Revision number: 3.0

- Consultants
- Professional Services Firms
- Sub-Contractors

2.1 Baseline Requirements to Register with Transportation Advisor

National Grid requires all of its contracted service providers performing DOT covered functions to register with Transportation Advisor by submitting a D&A Program Plan to TA that is in compliance with state and federal regulations - before a bid is awarded.

2.2 Applicability Exceptions

The following categories of Contractors can normally be excluded from the Drug & Alcohol Program Compliance requirements and can be classified as ‘visitors’ for the purposes of this Procedure. These Contractors provide delivery or removal services.

- Manufacturers, suppliers, or distributors of equipment, material, supplies, goods, or other tangible items
- Delivery companies
- Waste or recyclables haulers

2.3 Special Considerations for Firms Located Outside of the US

National Grid will seek to impose its Drug & Alcohol Prevention Program Compliance requirements consistently for all Contractors, regardless of location. However, if the requirements defined in this procedure are determined to be incompatible with the social and governmental structures of the countries where services are rendered, requirements will need to be customized by the User Departments and Procurement, with input, review, and approval by the Health and Legal departments.

3.0 Transportation Advisor Monitoring Requirements Overview

Procurement will impose the requirements on Contractors through contract terms. The Contractor is responsible for carrying out all required Transportation Advisor monitoring requirements.

3.1 Registration with Transportation Advisor Requirements

Registration with Transportation Advisor must be completed, and compliance to state and federal D&A regulations achieved, for all contractors performing DOT covered work, prior to contract implementation.

Transportation Advisor will determine if the DOT Drug & Alcohol Plan submitted through the registration process meets all DOT D&A regulatory compliance standards.

CONTRACTOR COMPLIANCE AFFIDAVIT

Compliance with U.S. Department of Transportation Regulations 49 CFR PARTS 40, 199 & 382

Contractor shall comply with all state and federal drug and alcohol testing regulations applicable to operators of pipeline facilities and LNG storage facilities and contractors performing operating, maintenance or emergency-response functions thereon ("covered functions"), specifically those regulations codified in Title 49, Parts 199 and 40, et seq. of the Code of Federal Regulations. Contractor shall comply with all federal drug and alcohol testing regulations applicable to contractors performing FMCSA "safety-sensitive" functions specifically codified in Title 49, Parts 382 and 40, et seq. of the Code of Federal Regulations.

Contractor shall demonstrate such compliance by (i) submitting to National Grid's service agent The Transportation Advisor (TA Monitor) a copy of the written Anti-Drug/Alcohol Misuse Plan maintained and followed by Contractor pursuant to the regulations and all other data and information required to demonstrate compliance and (ii) submitting an affidavit to National Grid stating that all employees of Contractor performing safety sensitive functions for National Grid pursuant to this Agreement have passed a pre-employment drug test and are covered by a drug and alcohol program conforming to the requirements, and that any of the Contractor's employees or employees of subcontractors performing covered and/or safety sensitive functions for National Grid pursuant to this Agreement shall submit to required drug and alcohol tests to be conducted by Contractor or by National Grid.

Contractor shall allow National Grid and the appropriate state and federal authority's access to its property and records for the purpose of monitoring Contractor's compliance with federal drug and alcohol testing requirements.

Contractor shall also provide an education and training program regarding the effects and consequences of drug use and alcohol misuse as provided for in 49 CFR 199. The Contractor must provide National Grid's service agent TA with all required information. TA will provide each contractor with login credentials for reporting purposes. The Contractor shall ensure that any subcontractors engaged by the Contractor to perform both covered functions and safety sensitive functions are in compliance with the requirements.

National Grid's Service Agent for contractor monitoring:
The Transportation Advisor, Inc.
TA Monitor, P.O. Box 558
Palmer, MA 01069
Telephone (800) 608-8890
info@transadvisor.com
Contact: Lisa Murray / Eileen Withers

The Contractor shall indemnify and hold the company harmless from any losses, damages, penalties (including but not limited to fines) or injuries including attorney's fees and expenses, suffered by the company due to the Contractor's non-compliance with these requirements.

Any question related to this contract provision should be directed to the National Grid Purchasing Agent.

Drug & Alcohol Prevention Plan

**U.S. Department of Transportation (DOT)
Federal Motor Carrier Safety Administration (FMCSA)**

Prepared in accordance with the requirements of:

49 CFR Part 382

49 CFR Part 40

National Grid

**300 Erie Blvd. West
Syracuse, NY 13202**

**Implementation Date: November 1, 2008
Last Update: February 11, 2015**

Exhibit E

Exceptions & Deviations

None

BIDDER ENVIRONMENTAL INFORMATION REQUEST FORM

Contracted Services – Environmental Procedure No. 6 – Appendix A – Rev. No. 5

DATE: 2/7/18

BIDDER NAME: Over & Under Piping Contractors, Inc.

PRIMARY PRODUCTS OR SERVICES: Pipeline construction

ADDRESS: _____

P.O. Box 278, 7285 Mutton Hill Road

Auburn, NY 13021

PHONE #: 315-253-2791

FAX #: 315-252-1089

E-MAIL: jpanna@overandunder.net

<u>Officers and Contact Names</u>	<u>Degrees/ Licenses</u>	<u>Years w/ Contractor</u>	<u>Total Years Experience</u>
Environmental Coordinator <u>Joe Panna</u>	<u>BS</u>	<u>42</u>	<u>48</u>

1. Has the Bidder been cited by a Federal or state agency for any pollution or environmental regulation non-compliance activities within the past five (5) years?

Yes _____ No x

If yes, please provide a detailed explanation on a separate sheet.

2. Does the Bidder currently possess its own hazardous waste generator or transporter identification number?

Yes _____ No x

If yes, please list the number, generator status, and in what state it is issued.

3. Is the Bidder currently identified, or has previously been identified within the past five years as a Potentially Responsible Party (PRP) for contamination of a site?

Yes _____ No x

If yes, please provide a detailed explanation on a separate sheet.

NATIONAL GRID CONTRACTOR ENVIRONMENTAL REQUIREMENTS

Contracted Services – Environmental Procedure No. 6 – Appendix B – Rev. No. 5

1.0 INTRODUCTION

National Grid is committed to conducting business in a manner that preserves the quality of the environment by continuously seeking ways to minimize the environmental impact of past, present and future operations. We are also committed to conducting our activities to meet all applicable laws and regulations, as well as company policies and the requirements of our Environmental Management System (EMS). We will work to prevent pollution at the source, minimize waste generation, recycle/reuse materials where allowed by law and economically feasible, and dispose of remaining wastes only through safe and environmentally sound methods. We require the same commitments of our vendors. Therefore, environmental performance is a consideration in the selection of contractors.

National Grid retains the right to require the contractor to immediately cease work activities if, in the opinion of National Grid, the contractor is not performing work in an environmentally-responsible manner.

The Contractor shall be responsible for developing, implementing and monitoring an Environmental Protection Plan, if notified by Owner that one is required for the project. The plan shall be submitted to the Owner's representative prior to mobilization on the work site, and is subject to the Owner's approval. The Environmental Protection Plan shall address the following items:

- Land, air and water resource protection measures;
- Identification, handling, management, transportation, and disposal of all materials;
- Spill prevention and emergency response measures; and,
- Environmental performance monitoring.

2.0 APPLICABILITY

This document applies to all contractors who offer services including, but are not limited to, all types of construction and maintenance services, building demolition, tree trimming, electrical structure dismantling, site restoration, recycling and waste disposal and transportation, drilling, rigging, electrical, and utility pole maintenance.

3.0 COMPLIANCE WITH REGULATORY REQUIREMENTS

Contractors are required to comply with the Federal, state and local environmental regulations and all other applicable laws, ordinances, and regulations, and project and site-specific permits. In addition, the contractor must comply with National Grid rules, practices, or work methods that may be more stringent than regulatory requirements. The

NATIONAL GRID ENVIRONMENTAL REQUIREMENTS*Contracted Services – Environmental Procedure No. 6 – Appendix C – Rev. No. 5*

INTRODUCTION

National Grid is committed to conducting business in a manner that preserves the quality of the environment by continuously seeking ways to minimize the environmental impact of past, present and future operations. We are also committed to conducting our activities to meet all applicable laws and regulations, as well as company policies and the requirements of our Environmental Management System (EMS) and require the same of our vendors. Therefore, environmental performance is a consideration in the selection of contractors. National Grid's Environmental Policy should be viewed at <http://www.nationalgridus.com/>.

National Grid retains the right to require the contractor to immediately cease work activities if, in the opinion of National Grid, the contractor is not performing work in an environmentally-responsible manner or is in violation of National Grid procedures.

APPLICABILITY

This document applies to all contractors, vendors, consultants and others (hereinafter collectively referred to as 'vendors') who have a contractual relationship with National Grid.

COMPLIANCE WITH REGULATORY REQUIREMENTS

Vendors are required to comply with Federal, state and local environmental regulations and all other applicable laws, ordinances, and regulations, and project and site-specific permits. Compliance of personnel with all environmental and other applicable regulatory law and regulations is essential in protecting the environment.

SPILL PREVENTION

The Vendor shall conduct all activities in a manner that will prevent a release to the environment. Spill prevention measures, including maintaining spill control materials, may be required based on the activity being performed and the potential for spills.

Immediate notification by the Vendor to the appropriate Company representative is required for all environmental incidents resulting in a release of oil/hazardous materials or damage to public or private property. A written report describing the incident and proposing preventative measures must be provided to the Company within 24 hours of the incident.

The Vendor is responsible to make all required notifications to regulatory agencies in the required time frame and to ensure that the release is properly responded to, including cleanup and disposal of waste materials. The Vendor is responsible for hiring contractors for the cleanup of releases, as necessary. The Vendor may request assistance from the Owner in determining whether notifications are required and for guidance in response actions. If the Vendor does not respond appropriately, the Owner reserves the right to assume response actions and recover costs incurred from the Vendor.

DISPOSAL

The Vendor will work with the Owner to characterize all work-related wastes to ensure proper management and shall arrange for disposal in accordance with Federal, state and local regulations. The Vendor will work with the Owner to prevent pollution at the source, minimize waste generation and recycle/reuse materials when economically feasible (e.g., recycle oily soil via asphalt batching). There shall be no onsite disposal of wastes unless specified by the Owner elsewhere in the Agreement.

CHEMICALS

The Vendor shall provide a Material Safety Data Sheet (MSDS) for each material to be used during the work. All chemicals must be approved for use by the Safety Department and the Environmental Department.

All unused chemical (non-waste) products originally brought to the property by the Vendor shall remain the responsibility of the Vendor and shall be removed by the Vendor at the conclusion of the Vendor's onsite activities.

NGSP 6 – Background Check Requirements for Contracted Service Providers - Attachment A - National Grid Requirements for Contractor Employee Background Checks (For National Grid Level 2 Baseline & Supplemental Requirements) 05-31-17

1. Definition of “Contractor” and “Contractor Employees”

The entity or entities engaged or to be engaged under this contract to perform services for National Grid are alluded to throughout this document as “Contractor.” The individuals who will perform work for National Grid under this contract, including employees, principals, sole proprietors, sub-contractors, or contingent staff provided by the Contractor, are referred to as “Contractor Employees.”

2. Minimum Requirements

National Grid’s requirements for Contractor Employee background checks as defined below represent minimum requirements. Additional requirements may be deemed appropriate by National Grid or the Contractor or may be required by law, regulation, or other bodies having jurisdiction over the work or the Contractor. The Contractor must comply with any such additional requirements as are known or should reasonably be known by it.

To the extent the Contractor finds that the background check requirements are in conflict with State or Federal statutes, collective bargaining agreements, or other issues that would prohibit compliance, the Contractor should notify their Procurement Department representative for guidance and resolution.

3. Contractor Submittals

Contractor must complete and submit the attached B-1 or B-2 “Contractor Information Sheet and Compliance Statement for Employee Background Check Requirements” to National Grid.

4. Requirements for Background Checks to be Completed Prior to Performing Work

Background checks as defined below must be completed before any Contractor Employee begins work under the contract, whether brought on at the outset of a contract or at any other point in the contract term. Only with the written approval of the VP – Global Security may a Contractor Employee begin work in advance of background checks being completed. Requests for approval of any such allowance must be made by a National Grid manager and shall not extend *beyond 14 calendar days*.

Contractor is responsible for engaging National Grid’s Approved Background Check Provider to conduct the background checks (see Attachment C for instructions).

5. Identification Verification/Eligibility to Work in the Country:

Contractor Employees’ identities must be verified and they must be legally eligible to work in the country where the work is to be performed.

National Grid requires Consent Based Social Security Number Verification (CBSV) through the Social Security Administration as well as I-9/E-Verify through the US Department of Homeland Security. If the results of the E-Verify or CBSV return mismatches or adverse results and the Contractor desires to have the employee perform work for National Grid, the Contractor must submit this information in writing to National Grid’s Security Department. National Grid’s Security Department, in collaboration with the National Grid User, Legal and Ethics Departments, will determine if the Contractor Employee will be allowed to perform work for National Grid and will notify the Contractor in writing of its determination.

Attachment B-1 – National Grid Requirements for Contractor Employee Background Check & Contractor Compliance Statement

(National Grid Level 1 Baseline Requirements Only)

Revision 12/18/12

The entity or entities engaged or to be engaged under this contract to perform services for National Grid are alluded to in this document as “Contractor.” The individuals who will perform work for National Grid under this contract, including employees, principals, sole proprietors, and contingent staff provided by the Contractor, are referred to as “Contractor Employees.”

Contractor must be able to evidence to National Grid or its agent that it has verified Contractor Employees’ identities and that all Contractor Employees are legally eligible to work in the country where the work is to be performed. National Grid requires that U.S. Contractors complete a Consent Based Social Security Number Verification (CBSV) on their Contractor Employees and match the results with other identification documents provided by their employees during their hiring practices. This represents a minimum background check requirement. Additional requirements may be deemed appropriate by National Grid or the Contractor or may be required by law, regulation, or other bodies having jurisdiction over the work of the Contractor. These background checks must be completed for all Contractor Employees before they begin work under the contract, whether brought on at the outset of a contract or at any other point in the contract term. If it is determined at any time that a Contractor Employee does not meet the background requirements or has falsified a document that is or was part of the background check, Contractor shall notify National Grid Security immediately. National Grid Security will determine if the Contractor Employee must be removed from the work and will notify Contractor in writing of its determination. Contractor must maintain a record of all background checks and correspondence with National Grid regarding background checks performed during the term of the contract and shall make all records and correspondence available to National Grid or its agent upon reasonable notice. National Grid or its agent may perform audits of Contractor’s background check records, background check program, and all supporting documents concerning the background of any Contractor Employee performing work for National Grid. National Grid’s direct costs and the cost for any contracted audit services will be at the expense of National Grid. National Grid reserves the right to revise its requirements for Contractor Employee background checks during the contract term, which the Contractor must comply with. Any such revisions will be provided in writing.

Contractor Certifies by signing below that it understands National Grid’s requirements for Contractor Employee background checks as defined above for this contract and that it is in full compliance with them.

Company Name

Company Address

Officer/Principal Name

Signature

Date

To be completed by National Grid Procurement:

PO # _____

Contract Expiration Date: _____

Attachment B-2 – Contractor Information Sheet and Compliance Statement for Employee Background Check Requirements

(National Grid Level 2 Baseline and Supplemental Requirements) 02-08-18

The entity or entities engaged or to be engaged under this contract to perform services for National Grid are alluded to in this document as “Contractor.” The individuals who will perform work for National Grid under this contract, including employees, principals, sole proprietors, and contingent staff provided by the Contractor, are referred to as “Contractor Employees.”

Contractor must be able to evidence to National Grid or its agent that it has verified Contractor Employees’ identities and that all Contractor Employees are legally eligible to work in the country where the work is to be performed. National Grid requires that U.S. Contractors complete a Consent Based Social Security Number Verification (CBSV) on their Contractor Employees and match the results with other identification documents provided by their employees during their hiring practices. This represents a minimum background check requirement. Additional requirements listed below are required for National Grid Level 2 Baseline. Supplemental requirements may be deemed appropriate by National Grid or the Contractor or may be required by law, regulation, or other bodies having jurisdiction over the work of the Contractor. These background checks must be completed for all Contractor Employees before they begin work under the contract, whether brought on at the outset of a contract or at any other point in the contract term. If it is determined at any time that a Contractor Employee does not meet the background requirements or has falsified a document that is or was part of the background check, Contractor shall notify National Grid Security immediately. National Grid Security will determine if the Contractor Employee must be removed from the work and will notify Contractor in writing of its determination. Contractor must maintain a record of all background checks and correspondence with National Grid regarding background checks performed during the term of the contract and shall provide confirmation to National Grid upon request that the necessary background checks were performed and there were no adverse results. Upon reasonable notice, National Grid may perform an audit of Contractor’s background check records, background check program and all supporting documents concerning the background of any Contractor Employee performing work for National Grid should questions arise of character, veracity of previous employment and education, or allegations of criminal activity on the part of Contractor Employees or upon request from the National Grid business unit; provided that National Grid may be asked to sign an additional confidentiality agreement in form and substance reasonably satisfactory to Contractor. National Grid’s direct costs and the cost for any contracted audit services will be at the expense of National Grid. National Grid reserves the right to revise its requirements for Contractor Employee background checks during the contract term, which the Contractor must comply with. Any such revisions will be provided in writing. The Contractor may choose to not accept the revisions and renegotiate or terminate the contract.

Lump Sum Pricing: PL 16 HDD Route 481- Phoenix, NY		UOM	Rate	Est Qty	EXT
I-A.1	Firm Lump Sum Price - Total Project	Lump Sum			
I-A.2.a.	Contractor Mobilization and Drilling Set Up	Lump Sum		1	
I-A.2.b.	Civil Work: Installation of mats and civil work necessary to access the site and construction of drill string.	Lump Sum		1	
I-A.2.c.	Traffic Control: All necessary traffic control and lane closures of highway.	Lump Sum		1	
I-A.2.d.	Drilling Operations: Approximately 550 ft. HDD with installation of 24" .500wt. powercrete coated natural gas transmission pipeline under Route 481 near the Oneida River crossing in Phoenix, NY. Lump sum price to include all HDD activities, abrasion resistance coating application.	Lump Sum		1	
I-A.2.e.	Offset Construction at each end of pipeline.	Lump Sum		1	
I-A.2.f.	Pipeline Retirement: grout entire abandoned pipeline.	Lump Sum		1	
I-A.2.g.	Hydrostatic Test	Lump Sum		1	
I-A.2.h.	Tie-In Operation: Contractor to perform tie-in operations; National Grid will conduct the gas control to enable the tie ins.	Lump Sum		1	
I-A.2.i.	Drill Clean Up and Final Restoration	Lump Sum		1	

I-A.2.j.	Demobilization	Lump Sum		
I-A.2.k.		Lump Sum		1
I-A.2.l.		Lump Sum		1

Unit Pricing: PL 16 HDD Route 481- Phoenix, NY		UOM	Rate
I-B.1	Rock Removal	Cubic Yard	
I-B.2	Silt fence	per 100'	
I-B.3	Hay Bales	Each	
I-B.4	Commercial Mats 4' X 16'	Each	
I-B.5	Coir Logs	per 10'	
I-B.6	Crusher run	Cubic Yard	
I-B.7	Bank run	Cubic Yard	
I-B.8	Trench breakers	Each	
I-B.9	Top Soil (delivered and installed; up to 25 cubic yards per day)	Cubic Yard	
I-B.10	Top Soil (delivered and installed; > 25 cubic yards per day)	Cubic Yard	
I-B.11	Clean Backfill (delivered and installed; up to 25 cubic yards per day)	Cubic Yard	
I-B.12	Clean Backfill (delivered and installed; > 25 cubic yards per day)	Cubic Yard	
I-B.13	HDD Rock Adder Greater than 20,000psi	Lot	
I-B.14	ILI activities and support	Each	
I-B.15	ILI Support (in excess of 3 days)	per day	
I-B.16	Performance Bond in an amount equal to one hundred percent (100%) of the Contract Price	Each	

Appendix B –Project Work Plan For PL-16, Phoenix 24” HDD

- #1 Call DSNY to have Utilities existing Utilities marked out.
- #2 Meet on site with NGRID personnel and all parties involved for a pre-construction meeting to familiarize everyone with the project, discuss safety, schedule and other aspects. Have a PHA meeting if requested.
- #3 Begin mobilizing equipment to job site. Set up men working signs and cones. Install stakes and ribbon over existing Pipeline, install silt fence, install a stabilized a construction entrance, and install mats on the West side of Route 481 from Huntley Road going East approximately 2500’ to the Drill String Location.
- #4 Pick up pipe, fittings and materials at IRBY and deliver to job site.
- #5 Set Mats on East side of 481 on Hilltop Drive and bring Turner in to set up Drill Rig and Drill Pilot and begin back reaming. Once complete the Sacrificial will be pulled back and checked.
- #6 Weld and Coat Sacrificial Pull Piping including the outer layer of fiberglass.
- #7 Weld, X-Ray, Pre-Test, Dewater and Coat approximately 600’ of Pull String Piping.
- #8 Once hole is ready, Pull back the Line Pipe under Route 481.
- #9 Install piping off each end of Drill String to tie-in points.
- #10 Hydro-Test to a minimum of 710 PSIG for 12 Hours, Dewater, and Dry the Piping to a -40 Dew point.
- #11 Work with NGRID to shut down line. Once shut down and purged we will make cold cuts on the existing 24” Line, and perform tie-in work on both sides of Route 481. The abandoned 24” line will be checked for PCB’S and shall be grouted in place. A 5’ section of the existing 24” shall be saved and given to NGRID.
- #12 Once Tie-Ins are complete and the line re-energized, cathodic protection will be installed, tie -in piping will be coated, padded and backfilled.
- #13 Mats will be removed and restoration done along the way will be completed and the Construction Entrance Pad on Huntley Road shall be removed and every thing shall be restored.
- #14 Demob

ADDITIONAL INFORMATION:

- #1 Safety will be of extreme importance during all aspects of this project.
- #2 Employees OQ records will be available on the job site.
- #3 An Erosion and Sediment Control person with 4 hours of training will be on site whenever Soil disturbance is happening.
- #4 The environmental aspects of the project will be adjusted as necessary as the work progresses.