



REQUEST FOR PROPOSALS NON-PIPELINE SOLUTIONS

January 4, 2019

Commercial Contacts:

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RFP Schedule

A. Due Date for Inquiries

All questions and requests for additional information concerning this Request for Proposal are due in writing by **January 31, 2019** and should be directed to John Allocca and Samara Jaffe via email with a carbon copy to Janet Prag at Janet.Prag@nationalgrid.com.

B. Proposal Due Date, Time, and Location

Date: **March 4, 2019**

Time: 5:00pm EST

Location: Email directly to John.Allocca@nationalgrid.com and Samara.Jaffe@nationalgrid.com with a carbon copy to Janet.Prag@nationalgrid.com.

We will endeavor to select winning bidder(s) by **May 1, 2019**.

C. Anticipated Contract Start Date

As part of their response to this RFP, bidders should specify a targeted in-service date for a project resulting from this solicitation.

Request for Proposal

A. Purpose of Request for Proposal

In the United States, National Grid (the “**Company**”) operates as an electric, natural gas, and clean energy delivery company to more than 20 million people through its networks in New York, Massachusetts, and Rhode Island. The Company serves the firm gas requirements of customers through its regulated subsidiaries: The Brooklyn Union Gas Company, KeySpan Gas East Corporation and Niagara Mohawk Power Corporation in the state of New York; Boston Gas Company and Colonial Gas Company in the state of Massachusetts; and The Narragansett Electric Company in the state of Rhode Island. A listing of the areas served by each subsidiary on a zip code level is included hereto for informational purposes as **Attachment A**.

National Grid is committed to transforming its natural gas networks with smarter, cleaner, and more resilient energy solutions to meet the goal of reducing greenhouse gas emissions by 80 percent by 2050¹. In furtherance of this goal and to meet a portion of the growing demand for natural gas in our service territories, the Company is issuing this Request for Proposals (“RFP”) in order to identify and incorporate supply side alternatives to construction of interstate pipeline capacity that have the potential to meet peak periods of natural gas consumption. The Company will evaluate and consider all offers from an experienced contractor (the “**Contractor**”) that successfully demonstrate an ability to reduce the Company’s reliance on pipeline projects as early as the heating season commencing November 1, 2019; while the Company is interested in other smart solutions such as demand side management and energy efficiency, solutions that do not provide incremental supply are not being considered pursuant to this RFP. The Company does not anticipate that any one proposal will be able to meet all its customer need and therefore anticipates selection of multiple proposals from Contractors.

Bidders submitting proposals in response to this RFP understand and agree that unless and until a definitive contract has been executed and delivered, no contract or agreement providing for a transaction between such parties shall be deemed to exist between the parties, and neither party will be under any legal obligation of any kind whatsoever with respect to such transaction by virtue of this or any other written or oral expression of communication. The Company reserves the right to withdraw or modify this RFP at any time and the Company shall have the right, in its sole and absolute discretion, to reject any or all proposals submitted in response to this RFP. The winning bid(s), if any, will be selected based on the proposal(s) that generate the greatest value and reliability for the Company’s customers. Potential Contractors shall be subject to satisfactory review by the Company which shall include meeting the Company’s Minimum Qualifications set forth below and adherence to the Company’s safety and operations procedures which are included hereto as **Attachment B** and indexed further herein.

All proposals submitted in response to this RFP shall include a completed bid sheet as set forth in Attachment C.

We look forward to receiving your proposals.

B. Eligible Projects for Consideration by the Company

Although proposals are not limited to these markets, the Company is familiar with the following types of supply sources as part of its current portfolio to meet a portion of its existing peak day:

- Renewable Natural Gas (“RNG”) and biogas

¹ https://www.nationalgridus.com/media/pdfs/our-company/ng_ebook.pdf

- Distributed natural gas storage and vaporization, including Compressed Natural Gas (“CNG”) and Liquefied Natural Gas (“LNG”)

As part of this RFP and in an effort to meet its supply needs in each of its jurisdictions, the Company will consider increasing its RNG, CNG and LNG footprint, as *well* as other innovative supply-side proposals that are not currently known to the Company.

C. Contractor Scope of Services

In its proposal, bidders shall identify all development costs and expenses associated with the proposed project, including engineering and siting analysis. Upon award of this RFP and due execution of an agreement between the Company and Contractor, Contractors responsibilities are expected to include:

1. Registration and Permitting
2. Gas Transportation
3. Gas Sales Contract
4. Compliance with National Grid’s Safety and Operational Procedures
5. Compliance with Applicable Federal, State and Local Laws

D. Minimum Qualifications

To be considered eligible, the potential contractors must demonstrate relevant experience by furnishing at least three (3) letters of reference and documentation of successful development, construction and completion of at least three (3) non-pipeline projects for customers similarly situated to National Grid. Additionally, bidders must be willing to provide up-to date, audited financials to assist the Company in determining the viability of the prospective Contractor.

Attachment A: Zip Codes Served by National Grid

The Brooklyn Union Gas Company d/b/a National Grid NY

11201	11369	10307
11203	11370	10308
11204	11371	10309
11205	11372	10310
11206	11373	10312
11207	11374	10314
11208	11375	
11209	11377	
11210	11378	
11211	11379	
11212	11385	
11213	11411	
11214	11412	
11215	11413	
11216	11414	
11217	11415	
11218	11416	
11219	11417	
11220	11418	
11221	11419	
11222	11420	
11223	11421	
11224	11422	
11225	11423	
11226	11427	
11228	11428	
11229	11429	
11230	11430	
11231	11432	
11232	11433	
11233	11434	
11234	11435	
11235	11436	
11236	10301	
11237	10302	
11238	10303	
11239	10304	
11251	10305	
11368	10306	

Niagara Mohawk Power Corporation d/b/a National Grid

12008	12196	13037
12009	12198	13039
12010	12202	13041
12019	12203	13057
12020	12204	13060
12027	12205	13066
12033	12206	13069
12047	12207	13074
12052	12208	13076
12054	12209	13078
12061	12210	13082
12065	12211	13083
12067	12302	13084
12068	12303	13088
12070	12304	13090
12072	12305	13104
12075	12306	13108
12077	12307	13110
12078	12308	13114
12084	12309	13116
12086	12534	13120
12095	12801	13126
12110	12803	13132
12118	12804	13135
12121	12822	13141
12143	12828	13142
12144	12831	13145
12148	12833	13152
12150	12834	13159
12151	12839	13164
12154	12845	13167
12156	12866	13202
12158	12871	13203
12159	13021	13204
12170	13027	13205
12180	13029	13206
12182	13030	13207
12183	13031	13208
12186	13032	13209
12188	13035	13210
12189	13036	13211

13212	13357	13492
13214	13363	13495
13215	13365	13501
13219	13403	13502
13224	13407	13601
13303	13409	13602
13309	13413	13605
13317	13417	13606
13318	13421	13611
13319	13424	13612
13321	13428	13615
13322	13440	13616
13323	13454	13619
13328	13456	13634
13329	13461	13636
13339	13469	13637
13340	13476	13638
13350	13478	13661
13354	13490	13685

KeySpan Gas East Corporation d/b/a National Grid

11001	11576	11738
11003	11577	11740
11010	11579	11741
11020	11580	11742
11021	11581	11743
11023	11590	11746
11024	11596	11747
11030	11598	11749
11040	11691	11751
11042	11692	11752
11050	11693	11753
11096	11694	11754
11501	11697	11755
11507	11701	11756
11509	11702	11757
11510	11703	11758
11514	11704	11762
11516	11705	11763
11518	11706	11764
11520	11709	11765
11530	11710	11766
11542	11713	11767
11545	11714	11768
11548	11715	11769
11549	11716	11771
11550	11717	11772
11552	11718	11776
11553	11719	11777
11554	11720	11778
11557	11721	11779
11558	11722	11780
11559	11724	11782
11560	11725	11783
11561	11726	11784
11563	11727	11786
11565	11729	11787
11566	11730	11788
11568	11731	11789
11570	11732	11790
11572	11733	11791
11575	11735	11792

11793	11937	11955
11794	11939	11957
11795	11940	11958
11796	11941	11961
11797	11942	11963
11798	11944	11967
11801	11946	11968
11803	11948	11971
11804	11949	11976
11901	11950	11977
11933	11951	11978
11934	11952	11980
11935	11953	

Boston Gas Company d/b/a National Grid

01092	01908	02148
01432	01915	02149
01450	01923	02150
01451	01930	02151
01453	01940	02152
01460	01945	02155
01462	01949	02163
01464	01960	02169
01506	01966	02170
01510	01970	02171
01515	02025	02176
01523	02043	02180
01524	02045	02184
01535	02062	02186
01540	02108	02188
01550	02109	02189
01562	02110	02190
01570	02111	02191
01571	02113	02199
01585	02114	02210
01718	02115	02215
01719	02116	02351
01720	02118	02370
01730	02119	02382
01731	02120	02420
01741	02121	02421
01742	02122	02445
01773	02124	02446
01776	02125	02451
01778	02126	02452
01801	02127	02453
01803	02128	02458
01867	02129	02459
01880	02130	02460
01890	02131	02461
01901	02132	02462
01902	02134	02464
01904	02135	02465
01905	02143	02466
01906	02144	02467
01907	02145	02468

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Colonial Gas Company d/b/a National Grid

02330	01463
02532	01821
02536	01824
02537	01826
02538	01827
02540	01850
02542	01851
02543	01852
02556	01854
02559	01862
02563	01863
02571	01864
02576	01867
02601	01876
02630	01879
02631	01886
02632	01887
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The Narragansett Electric Company d/b/a National Grid

02802	02906
02804	02907
02806	02908
02808	02909
02809	02910
02816	02911
02817	02912
02818	02914
02822	02915
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Attachment B

Included as a separate PDF file

Listing of Exhibits:

1. National Grid: Terms and Conditions for Construction
2. Gas Work Method – Odor Monitoring
3. National Grid Safety Procedure: Contractor Safety Requirements
4. National Grid Contractor Environmental Requirements
5. NGSP 6 – Background Check Requirements for Contracted Service Providers
6. Global Procurement – Our Sustainability Policy
7. Drug and Alcohol Prevention Plan
8. Supplier Ethics Certification
9. Equal Employment Compliance
10. National Grid PLC Anti-Fraud and Bribery Policy
11. PS-00-02 - Facility Siting Procedure
12. PS-00-01 - Process Hazard Analysis (PHA) Procedure
13. PS-00-03 - Layer of Protection Analysis (LOPA) Procedure
14. PS-02-02 - Management of Change Procedure
15. PS-02-01 - Pre Start Up Safety Review (PSSR) Procedure
16. Gas Policy: Gas Control
17. Supplier Code of Conduct
18. PS-05-01 – Safety Critical Activities Procedure Categorization Risk Ranking Tool
19. PS-05-07 – Human Factors Implementation Plan for Safety in Design
20. PS-05-08 – Safety in Design Specification for Incorporating Human Factors
21. Addendum to CNG Exhibits

**Attachment C
Bid Sheet**

Prospective Contractor:

Point of Contact:

Name:

Phone: ()

Email:

Primary Place of Business:

Proposed Project: _____ CNG
 _____ LNG
 _____ RNG
 _____ Other (please specify)

Proposed Project Summary:

Proposed Project Location: *Please specify on a zip code level the areas that may be served under the proposed project.*

Scope of Work: *To be prepared by Prospective Contractor as a separate document and attached with this completed Bid Sheet.*

Estimated In-Service Date:

Peak Demand Reduction:

Total Project Cost:

Desired Contract Term:

Minimum Qualification Criteria:

- i) **Letters of Reference:** *Attach three (3) with this completed Bid Sheet.*
- ii) **Past Performance:** *Attach documentation of three successfully completed projects with this Bid Sheet.*
- iii) **Updated Financial Information**