



**REQUEST FOR EXPRESSIONS OF INTEREST  
FOR  
PROVIDING SERVICE FOR THE PROCESSING AND BENEFICIAL REUSE OF  
DISCARDED PORCELAIN FIXTURES**

**PIN: 82612TF2012**

**AUTHORIZED AGENCY CONTACT PERSON**

**Proposers are advised that the Authorized Agency Contact Person for all matters concerning this Request for Expressions of Interest is:**

Vlada Kenniff  
Bureau of Environmental Planning and Analysis  
Attention: Vlada Kenniff, Director of Planning, Projections and Demand Management  
59-17 Junction Boulevard, 11th floor  
Flushing, NY 11373  
[demand.management@dep.nyc.gov](mailto:demand.management@dep.nyc.gov)

## **1. INTRODUCTION**

The New York City Department of Environmental Protection (DEP) is currently planning to implement a program to incentivize the replacement of old toilet fixtures, pursuant to broader water conservation goals. DEP anticipates this initiative will result in approximately 800,000 toilet replacements over the course of six years, yielding large volumes of porcelain and vitreous china.

DEP is issuing this Request for Expressions of Interest (RFEI) in order to identify service providers that have an interest in processing these discarded fixtures and re-using the resulting porcelain for beneficial purposes, or in storing and making said material available for such purposes. Beneficial re-use of this material may include processing it into a fill material for use in construction, or into a raw material for re-manufacture. Interested parties may indicate interest in performing all aspects of fixture collection, transportation, processing, storage and re-use, or may partner with one or more other entities to develop and submit a combined Expression of Interest on behalf of indicated participating parties. Interested parties are also encouraged to demonstrate prior experience handling similar materials in response to the RFEI. Following a comprehensive review of each Expression of Interest, DEP may elect to issue a Request for Proposals from prospective service providers.

## **2. SCOPE**

Service provider(s) will be responsible for staffing and maintaining designated fixture drop-off locations where discarded toilet fixtures will be collected. Service provider(s) will then transport the fixtures to a facility or facilities equipped to receive and process the material into a form suitable for beneficial use(s) to be identified by the service provider(s). Proposed use(s) may require the service provider(s) to convey the material to a separate processing, manufacturing or storage facility.

It is recommended that interested parties possess the proper New York State Department of Environmental Conservation (NYSDEC) waste processing / waste transfer facility permits. Selected service provider(s) must be willing to work with the DEP to secure a Beneficial Use Determination (BUD) from the NYSDEC for the processing and re-use of the porcelain material generated. Service provider(s) must be able to develop a process to ensure that said material is suitable for re-use. This will include identifying, isolating and properly disposing of fixtures that violate NYSDEC standards and are no longer suitable for re-use.

Service providers must fully comply with all applicable federal, state and local regulations governing the transportation of toilet fixtures and other types of granular porcelain material. Processing and manufacturing facilities must also be in compliance with all applicable federal, state and local land use and occupational health and safety regulations.

## **3. CONTENT OF SUBMITTALS**

Interested parties should provide Expressions of Interest in the format below. Responses should be typed single-spaced on both sides of 8 ½" X 11" paper. The City of New York requests that all responses

be submitted on paper with no less than 30% post-consumer material content as the minimum recovered fiber content level for reprographic papers recommended by the United States Environmental Protection Agency (for any changes to that standard, please consult: <http://www.epa.products.printing.htm>).

**Pages should be paginated and responses shall be limited to 10 pages.**

The response package will contain the following:

**1. Expression of Interest Cover Letter**

The Expression of Interest Cover Letter formally indicates the interest of the respondent and transmits the response materials to NYCDEP. It should be completed, signed and dated by an authorized representative of the interested entity.

**2. Response to Request for Expressions of Interest**

The Response is a clear, concise narrative which addresses the following:

**a. Experience:**

This section of the response describes the successful, relevant experience of the respondent with specific attention to previous experience with porcelain and/or vitreous china material, indicates extensive knowledge of NYSDEC and other relevant regulatory frameworks (i.e. OSHA, etc.) related to handling and processing of similar C&D material, describes procedural guidelines for any testing or sampling requirements for hazardous substances, and demonstrates familiarity with relevant permitting processes for accepting this or similar materials. This section should contain a list of similar work performed and any other pertinent records including a list of currently held permits. Specifically, previous experience with this or similar materials in comparable quantities or volumes is of particular interest.

**b. Organizational Capability:**

Please provide a clear and concise description of the interested entity/organization which includes a brief description of the nature of the entity and short company background.

**4. QUESTIONS OF INTEREST TO DEP AND THE CITY OF NEW YORK**

1. How will toilet fixtures be collected, transported and processed?
2. What is the proposed facility's capacity (in tons) to process the porcelain material?
3. How will service provider(s) ensure that the fixtures collected are suitable for processing?
4. How will service provider(s) process fixtures identified as suitable for processing?
5. How will service provider(s) dispose of fixtures identified as unsuitable for processing?
6. For what purpose(s) will the porcelain material be used?
7. How will service provider(s) process the porcelain material for the purpose(s) indicated?
8. Does the service provider currently have a Beneficial Use Determination from NYSDEC?

9. If a service provider proposes to transport fixtures or material outside of New York State for processing, will it require equivalent regulatory approvals from federal, state or local authorities?

## **5. SUBMISSION REQUIREMENTS**

All submittals must be typed and delivered in-person, by regular mail, or by courier service to DEP at the address listed below. Information provided by respondents will not be deemed confidential by the City and will likely be shared among other governmental entities. Respondents are therefore advised not to include in their submittals any information deemed confidential or proprietary. All submittals become the property of DEP and the City of New York and will not be returned.

Please submit two (2) copies of your submittal in hard copy and one (1) electronic copy on CD by April 6, 2012 at 4:00pm. Submittals must be addressed to the attention of Vlada Kenniff at the following address:

New York City Department of Environmental Protection  
Bureau of Environmental Planning and Analysis  
Attention: Vlada Kenniff, Director of Planning, Projections and Demand Management  
59-17 Junction Boulevard, 11th floor  
Flushing, NY 11373

## **6. QUESTIONS, COMMENTS & CLARIFICATIONS**

Written questions, comments and requests for clarification pertaining to this RFEI may be directed to Vlada Kenniff at [demand.management@dep.nyc.gov](mailto:demand.management@dep.nyc.gov) prior to March 30, 2012 at 5:00pm. Answers to questions that DEP believes may be of general interest will be included in an addendum to the initial RFEI posting and can be periodically revised, modified, or deleted.

## **7. CONDITIONS, TERMS, AND LIMITATIONS**

This document is not intended as a formal offering or award of a contract, or as a guarantee of participation in any future solicitation. Neither DEP nor the City of New York is under any legal, monetary, or contractual obligation to respondents to this RFEI. DEP and the City reserve the right, at their sole discretion, to alter and/or withdraw this RFEI at any time, not to issue a Request for Proposals, to discuss means of achieving purposes described a party of its choosing (including those not responding to this RFEI), to use the ideas or proposals submitted in any manner deemed to be in the best interests of DEP and the City, including but not limited to soliciting competitive submissions relating to such proposals and/or undertake the prescribed work in a manner other than that which is set forth herein. Respondents are solely responsible for costs associated with the preparation and submittal of responses to this RFEI and for any subsequent participation in the review or discussion of materials submittal, including the submission of any additional information or attendance at meetings or interviews.