Attach To Contract Document

New York City Department of Transportation

Division of Bridges

Office of Consultant Programs

RESIDENT ENGINEERING INSPECTION SERVICES
IN CONNECTION WITH
BROOKLYN BRIDGE (CONTRACT #6)
REHABILITATION OF APPROACHES & RAMPS
AND PAINTING OF THE ENTIRE BRIDGE
CONTRACT NO.: BRC270C/PA
PIN: 84107MBBR189

BIN# 2-24001-9
BOROUGHS OF MANHATTAN AND BROOKLYN

Addendum # 3

October 30, 2007

The Proposal Due Date has been extended from 11/05/07 to 11/08/07

(See attached Revised Section I of the RFP, Page 2R)

This Addendum Is Hereby Made Part of The Contract Documents

NOTE:

Attached please find:

1. **Revised SECTION I of the RFP (Page 2R)**
2. **Scope of Work (amended – SR-1R to SR-3R)**
3. **Forms 4T1-R1 and Form 4T2-R1**

- **The Scope of Work was inadvertently left out of Addendum #2. In addition, incorrect Forms 4T1-R and 4T2-R were included in Addendum #2.**
- **Please DISCARD the Labor Cost Proposal Forms 4T1-R & 4T2-R that were attached in Addendum #2 and REPLACE with Labor Cost Proposal Forms 4T1-R1 & 4T2-R1 attached in Addendum #3.**

SECTION I - TIMETABLE

A. Release Date of the Request for Proposals: **August 28, 2007**

B. Pre-Proposal Conference: **September 12, 2007**

C. Site Visit and/or Inspection of Materials:

Site visits are not necessary; however, plans and specifications are available for your review upon request. Appointments to review the materials must be made to the Authorized Agency Contact Person.

D. Proposal Due Date and Time and Location:

Date:	**November 8, 2007**
Time:	**NO LATER THAN 2:00 PM**
Location:	**NYCDOT Contract Section** **40 Worth Street Room 824A,** **New York, New York 10013.**

Proposals should be hand delivered to NYCDOT Contract Section located at 40 Worth Street, 8th Floor, Room 824A, New York, New York 10013, between the hours of 9am-2pm only..

E-mailed or faxed proposals will not be accepted by the agency.

Proposals received at this Location after the Proposal Due Date and Time are late and will not be accepted by the agency, except as provided under New York City's Procurement Policy Board Rules.

The agency will consider requests made to the Authorized Agency Contact Person to extend the Proposal Due Date and Time prescribed above. However, unless the agency issues a written addendum to this RFP that extends the Proposal Due Date and Time for all proposers, the Proposal Due Date and Time prescribed above shall remain in effect.

SPECIFIC REQUIREMENTS OF CONTRACT FOR THE SERVICES OF THE ENGINEER

FOR

RESIDENT ENGINEERING & INSPECTION SERVICES

IN CONNECTION WITH

Contract No. BRC270CIP

Brooklyn Bridge-Rehabilitation of Approaches and Ramps and

Painting of the Entire Bridge (Contract #6)

BIN 2-24001-9

TOGETHER WITH ALL WORK INCIDENTAL THERETO IN THE BOROUGHS OF MANHATTAN AND BROOKLYN

A. GENERAL DESCRIPTION OF CONSTRUCTION PROJECT SCOPE

SCOPE OF WORK

The work to be performed under this construction contract shall include, but not be limited to the following:

1. Deck Replacement for Approaches and Ramps
2. Installation of concrete barriers
3. Replacement of joints
4. Installation of new drainage system
5. Strengthening or replacement of members with low load carrying capacity or which are deteriorated
6. Complete replacement of superstructures at location of: York Street, Main Street and Prospect Street Structures on the Brooklyn Approach
7. Reconfigurations of Ramp A
8. Installation of ITS components, connected to Traffic Management Center
9. Repair or re-pointing of stone masonry
10. Repair and waterproofing of masonry arches

11. Seismic Retrofitting of the Entire Brooklyn Bridge (Entire suspended span, Approach Span Masonry Arches and all Ramps): The scope of retrofitting is confined to superstructures only, which mainly consists of deck continuities and bearing replacement on all steel structures on the approaches and all ramps.

12. Painting of the Entire Bridge

This work shall include the following:

a. Full steel cleaning per SSPC-SP 10 -- abrasive blasting
b. Application of protective coating
c. Graffiti removal as well as other miscellaneous work
d. The removal, storage, treatment and disposal of paint removal waste shall comply with all applicable Local, State, and Federal laws, regulations and codes as specified in the Contract and otherwise.

13. Maintenance and Protection of Traffic (MPT).

B. MINIMUM SERVICE REQUIREMENTS FOR THE REI CONSULTANT

1. Ensures the Contractor's compliance with the plans and specifications as designed
2. Reviews and negotiates Change Orders.
3. Be responsible for enforcing and coordinating with the Contractor the Lead Health and Safety Plana
4. Construction coordination with NYCDOT OCMC and the Coast Guard.
5. Reviews and certifies cost estimates for payment.
6. Coordination with Community Boards.
7. Maintains construction progress records
8. Monitors construction schedule and
9. Ensures the quality of materials and workmanship.
10. Special Note (attached)

C. NECESSITY FOR SERVICES

An in-depth inspection and subsequent biennial inspections of the Brooklyn Bridge indicated that the bridge has substandard geometry (e.g. Ramp A) and the deteriorated condition of some of its members should be remedied by either rehabilitation or complete replacement. Under the existing contract, the Manhattan and Brooklyn approaches and the ramp structures will be rehabilitated. These structures are over 40 years old and exhibit signs of significant deterioration on its components including structural deck, floorbeams, stringers and masonry arches.

As the rehabilitation costs are always high, it is very important to maintain the bridge's protective coating to prevent further corrosion and prolong its useful life. Paint removal and application on this bridge is crucial in keeping it functioning as it was originally designed and will greatly extend the life of its components. Painting of the entire bridge will provide a twenty five (25) year service life contingent upon touch-up intervals of 7 and 15 years by the NYCDOT in-house crews.

To make the bridge earthquake resistant, the entire suspended span including all masonry approach arches and ramps were seismically evaluated. Seismic retrofitting is being made part of the contract #6 scope.

The objective of this bridge rehabilitation and reconstruction project, therefore, is to remove all structural deficiencies, by replacement of decks, which have visible cracking, efflorescence and hollow sounding areas.

Important objective which will be accomplished by this project is the installation of concrete barriers, replacement of deteriorated expansion joints, installation of an upgraded drainage system, strengthening or replacement of corroded members, complete replacement of superstructures of York Street and Main Street Structures on the Brooklyn Approach, replacement of bearings, which exhibit heavy corrosion which in turn, prevent them from performing their intended function..

Still another very important objective of this project is the rehabilitation and waterproofing of masonry block arch spans These masonry arch blocks are very important architectural part of the Brooklyn Bridge, and will be rehabilitated for the purpose of maintaining the structure's architectural features and to significantly slowing down the deterioration rate and, at the same time, increasing the life expectancy of this historically important bridge structure.

Additional significant objective that should be mentioned is the restoration of protective coating of the entire bridge to protect steel members from premature failure from corrosion, which has resulted in heavy section loss and reduced load carrying capacity of the bridge members.

Among other important objectives worth mentioning in this context are: to make bridge earthquake resistant; improvement of ramps geometry and the installation of ITS components to enhance traffic management; and also some improvement of its mechanical/electrical systems will be considered to provide security and life safety.

SPECIAL NOTE

The following note is to be added to the "Minimum Service Requirements" list on page 3.

"In addition to the above listed tasks and responsibilities, the REI shall also provide Constructability Review of the design documents to ensure rational Bids and minimize problems during construction in accordance with requirements of NYS DOT EI93-013".

FORM 4T1-R1 – LABOR COST PROPOSAL

PROJECT NAME: **REI Services for Brooklyn Bridge (Contract #6), Rehabilitation of Approaches & Ramps and Painting of the Entire Bridge, Boroughs of Manhattan & Brooklyn**

PIN NO.: 84107MBBR189

BIN# 2-24001-9

PRIME CONSULTANT: _____

CONTRACT NO.: BRC270C/PA

CONSULTANT ON THIS FORM: _____

☐ PROFESSIONAL ENGINEERING/ARCHITECTURAL SERVICES

☐ OTHER/_____

	(COLUMN 1) JOB TITLE	(COLUMN 2) TOTAL HOURS	(COLUMN 3) HOURSTHIS FIRM	(COLUMN 4) AVERAGE HOURLY RATE	(COLUMN 5) LABOR COST COL 3 X COL 4
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
	TOTALS				**(T)**

MULTIPLIER FOR OVERHEAD _____ **(A)** _____ **(A)**

MULTIPLIER FOR PROFIT _____ **(B)** _____ **(B)**

TOTAL MULTIPLIER _____ **(1+A)X(1+B)** _____ **(M)**

TOTAL LABOR COST **(LINE T X LINE M)** _____ **(C)**

TOTAL LABOR ESCALATED TO PROJECT MIDPOINT (C X PROPOSED ESCALATION FACTOR)

PROPOSED ESCALATION FACTOR _____ _____ **(D)**

MAXIMUM ESCALATION FACTOR = 1.10

INSTRUCTIONS:

1. Each consultant of the project team is to submit a separate "Labor Cost Proposal Form". For each job title, the hours proposed by each firm of the project team in Column (3) MUST SUM to the total hours provided in Column (2).
2. For Column (4), use actual average salary rates for firm for each job title at regional offices. Attach a listing of current average rates for all titles/grades/levels as approved by NYCDOT (if available) or NYSDOT for regional offices. A regional office is defined as one located within a 75 mile radius of Columbus Circle (NYC).
3. The labor costs to be included in Column (5) are obtained by multiplying the hours in Column (3) by the average hourly rate in Column (4).
4. The proposed escalation factor used to calculate "D" should not exceed the maximum escalation factor indicated in the shaded area. Greater consideration will be given to proposers that propose more competitive prices.

FORM 4T2-R1 – COST PROPOSAL SUMMARY

PROJECT NAME: REI Services for Brooklyn Bridge (Contract #6), Rehabilitation of Approaches & Ramps and Painting of the Entire Bridge **PIN NO.:** 84107MBBR189 **BIN#** 2-24001-9

PRIME CONSULTANT: _____ **CONTRACT NO.:** BRC270C/PA

	(COLUMN 1)	(COLUMN 2)	(COLUMN 3)	(COLUMN 4)	(COLUMN 5)
	CONSULTANT	HOURS ALL FIRMS	ESCALATED LABOR COST TO PROJECT MIDPOINT	DIRECT NON-SALARY COST	TOTAL COST
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.	**Constructability Review**				**$319,198.00**
10.					
	TOTALS			**$680,802**	**(T)**

INSTRUCTIONS:

1. The costs entered in Column 3 are the totals shown on line (D) of Form 4T-1 “Labor Cost Proposal” for each consultant on the project team.
2. The Total Direct Non-Salary Cost shown in the shaded area below Column 4 is an out of pocket expense budgeted amount allowed to all proposers and must not be changed.
3. The Total Direct Non-Salary Cost provided by each consultant of the project team MUST SUM to the total shown in the shaded area at the bottom of the Column 4.