

December 15, 2005

Amendment No. 1

TOTAL DESIGN AND CONSTRUCTION SUPPORT SERVICES
IN CONNECTION WITH

RECONSTRUCTION OF QUEENSBORO BRIDGE
CONTRACT #7 SEISMIC RETROFIT

BOROUGHES OF MANHATTAN AND QUEENS

CONTRACT NO.: BRC231S

PIN: 84105MBBR058

Refer to Section VII (A) of the Request for Proposals - Proposed Contractual Agreement - Scope of Services. Peer Review Requirements.

Question #1: Is there a conflict of interest for the prime consultant firm to subcontract out to an independent Peer Review Consultant?

Answer #1: The scope of work for the Peer Review Consultant is deleted from this Request for Proposal.

Delete: "Pages 9 through 18" of the Scope of Services in the original RFP.

Replace with: "Pages 9 through 16" in this addendum.

Refer to Section VII (E) of the Request for Proposals, Proposed Contractual Agreement, Specific Requirements, Page SR-39.

Delete: Page SR-39 of the Specific Requirements of the original RFP.

Replace with: Revised Page SR-39 in this addendum.

Refer to Section VII (E) of the Request for Proposals, Cost Proposal Form 4T2A and Cost Proposal Form 4T2B

Delete: Form 4T2A and Form 4T2B in the original RFP. (Peer Review Consultants Cost of \$350,000)

Replace with: Revised Form 4T2A and Revised Form 4T2B in this addendum.

Question #2: The coversheet of the RFP lists the Construction Cost for this project at \$30,000,000, yet the available documents for review indicates a revised cost of retrofit in the amount of \$44,900,000 in 2002 dollars. Which dollar amount is the correct Construction Cost?

Answer #2: As listed on the coversheet of the RFP, the correct Construction Cost for this project is \$30,000,000.

Proposal Due Date and Time and Location:

Date: December 28, 2005
Time: NO LATER THAN 2:00 PM
Location: NYCDOT, Contract Section
40 Worth Street, 8th Floor, Room 824A
New York, New York 10013

Proposers are advised that the Authorized Agency Contact Person for all matters concerning this Request for Proposals is:

Dr. Paul-Michael Kazas
Director, Capital Procurement
2 Rector Street, 8th Floor
New York, NY 10006
Telephone: (212) 442-7654
Fax: (212) 442-9885

- c) he will secure all licenses and permits, if any, that are necessary for the performance of his duties under this Contract.

In fulfillment of provision (a) above, the Engineer shall submit a resume for each employee prior to assignment to the Contract, for review and approval by the Department. Employees shall be Professional Engineers licensed in the State of New York if their ASCE/NICET grade, requires that they be Professional Engineers. No substitutions for approved employees shall be permitted until the resume of the replacement employee is approved. The Commissioner, or duly authorized representative, shall have the right at all times to inspect the work of the Engineer.

All technical data in regard to the Contract existing in the Office of the Commissioner or existing in the offices of the Engineer shall be made available to the other party to this Agreement without expense to such other party, or additional compensation to the Engineer.

All office diaries, engineers' and inspectors' diaries, daily records of labor, materials and equipment used, notes, designs, reports including laboratory and plant inspection reports, drawings, tracings, estimates and specifications prepared and furnished by the Engineer shall become the property of the City upon their approval and acceptance in writing by the Commissioner or upon the termination of the Engineer's services, pursuant to Appendix "A" of this Agreement. The Engineer shall deliver to the Commissioner all said diaries, daily records of labor, material and equipment used, notes, designs, reports, drawings, tracings, estimates and specifications, which there-after the City may utilize in whole or in part or in modified form and in such manner of for such purposes or as many times as it may deem advisable, without employment of or additional compensation to the Engineer.

**TABLE 1
QUEENSBORO BRIDGE
CONTRACT BRC231S**

**TOTAL DESIGN FOR SEISMIC RETROFITS
TIME OF COMPLETION SCHEDULE**

Following are the Calendar Day Requirements for:

BIN 24004, Total Design for Seismic Retrofits

<u>Target 1</u>	<u>Target 2</u>	<u>Target 3</u>	<u>Target 4</u>	<u>Target 5</u>	<u>Target 6</u>
60	360	480	570	630	1080

Target Date 1:

The Engineer shall complete all Data collection, review of existing plans and submit investigation plan within these many Calendar Days from Notice to Proceed.

Target Date 2:

The Engineer shall complete geotechnical investigation within these many Calendar Days from Notice to Proceed.

Target Date 3:

The Engineer shall complete development of bridge models, comparison of field measured and theoretical vibration characteristics of the project bridge within these many Calendar Days from Notice to Proceed.

Target Date 4:

The Engineer shall complete structural analysis, evaluation of bridge performance, retrofit assessment and seismic assessment report within these many Calendar Days from Notice to Proceed.

Target Date 5:

The Engineer shall submit Preliminary Plans to the Commissioner and incorporate all the comments from agencies to complete the preliminary design package within these many Calendar Days from Notice to Proceed.

Target Date 6:

The Engineer shall submit final plans, specifications and itemized estimates (P.S. & E) to the Commissioner within these many Calendar Days from Notice to Proceed. Also complete and submit bid documents including responses/addendums if needed and bid analysis till award of the contract.

**CONTRACT BRC 231S
TOTAL DESIGN FOR SEISMIC RETROFIT**

OF

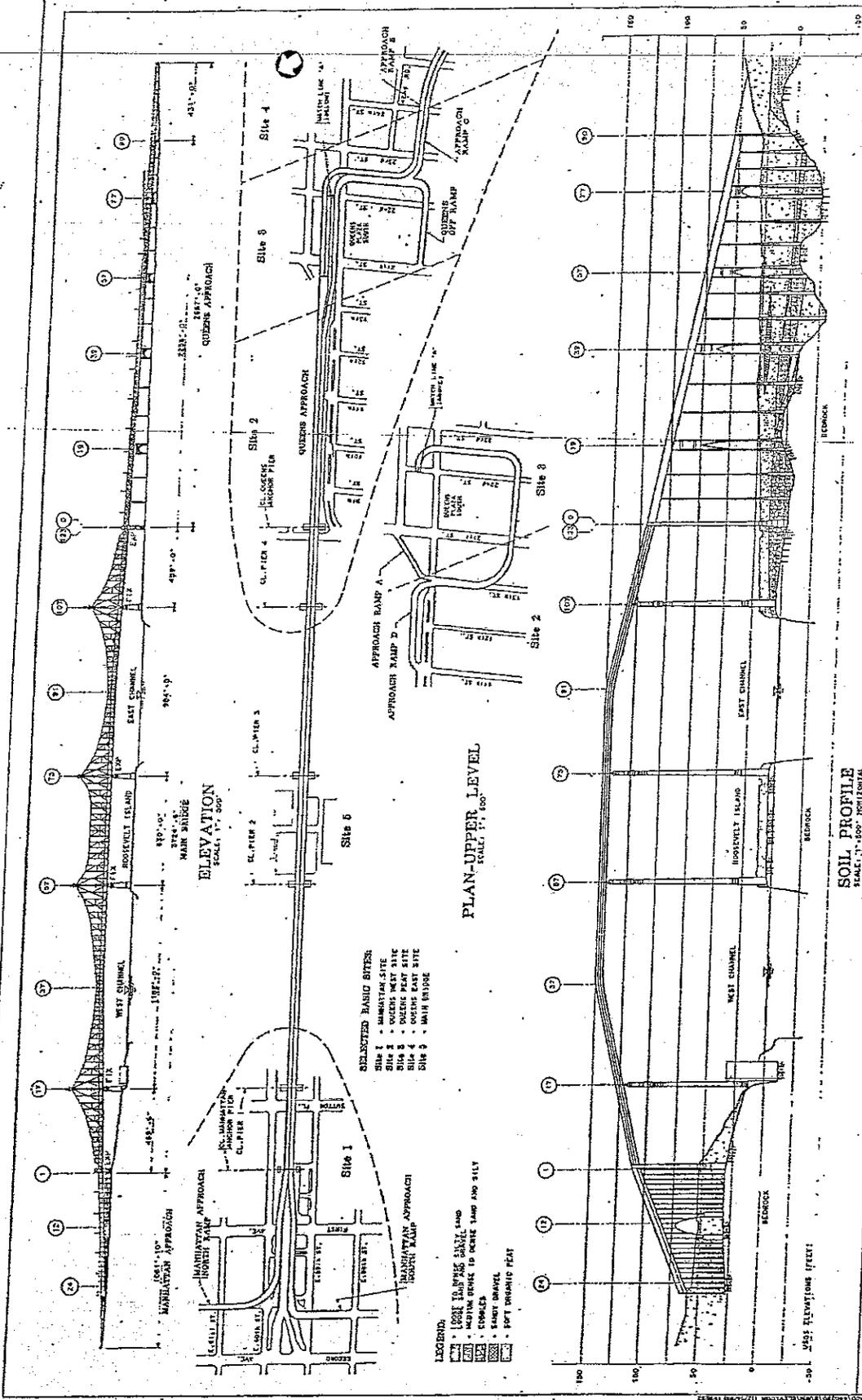
QUEENSBORO BRIDGE

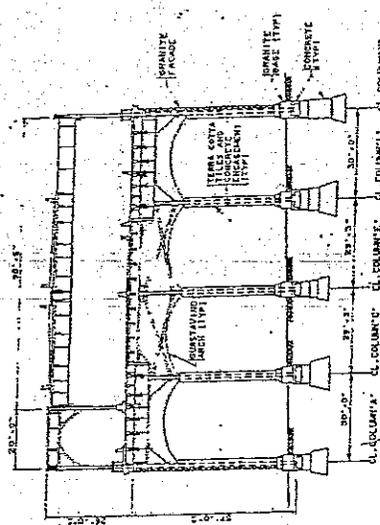
ATTACHMENT "A"

Number of Spans

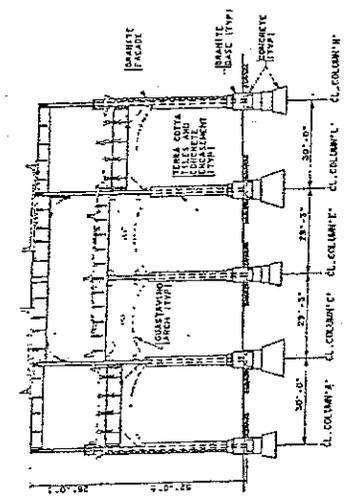
Structure		No. of Spans
Manhattan Ramps	A	See Attached Figures
	B	See Attached Figures
Manhattan Approach		23
Main Bridge		7
Queens Approach		23
Queens Ramps	Off	See Attached Figures
	A	See Attached Figures /
	B	See Attached Figures
	C	See Attached Figures
	D	See Attached Figures

- Figure 1.1** General Elevation, Plan and Soil Profile
- Figure 1.2 (a)** Manhattan Approach – Elevation, Plan and Details
- Figure 1.2 (b)** Manhattan Approach – Sections
- Figure 1.3** Tower Elevation at Pier 1
- Figure 1.4** Main Bridge – Cross Section
- Figure 1.5** Manhattan Anchor Pier – Elevation and Section
- Figure 1.6** Pier 1 – Elevation and Section
- Figure 1.7** Queens Approach – Elevation, Section and Details

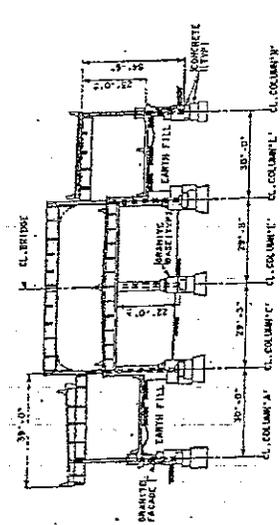




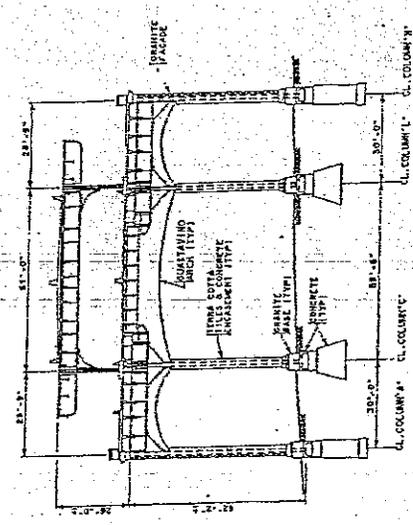
SECTION M6



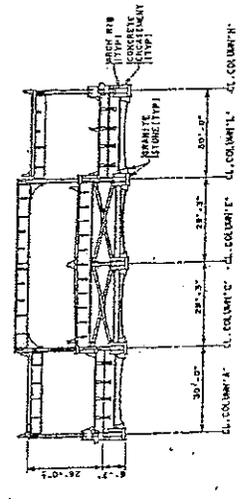
SECTIONS M3 AND M5



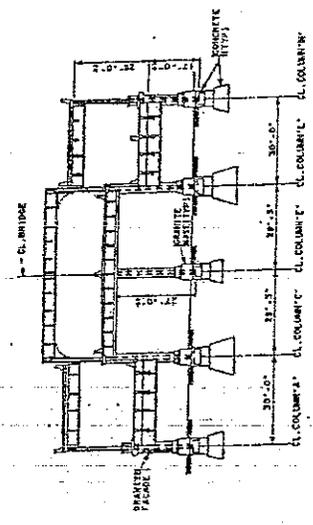
SECTION M1



SECTION M7



SECTION M4



SECTION M2

<p>CITY OF NEW YORK DEPARTMENT OF TRANSPORTATION BUREAU OF BRIDGES</p>	<p>SEISMIC INVESTIGATION OF QUEENSBORO BRIDGE</p>	<p>MANHATTAN APPROACH SECTIONS</p>	<p>FIGURE 1.2(b)</p>
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PRELIMINARY AND FINAL DESIGN SERVICES

CONTRACT BRC 231S

PROJECT BRIDGE DATA

BIN #: 24004

YEAR BUILT: 1909

FEATURE CARRIED: Con Edison

FEATURE CROSSED: East River

TYPE OF EXISTING SUPERSTRUCTURE: Two Level Double Cantilever Trusses

RECONSTRUCTION LIMITS:

East Limit: Queens Approach Ramp

West Limit: Manhattan Approach Ramp

SURVEY LIMITS:

West Limit: Queens Approach Ramp

East Limit: Manhattan Approach Ramp

SEISMIC ASSESSMENT:

The evaluation of seismic hazards is required.

ESTIMATED NUMBER OF PRELIMINARY AND FINAL PLANS:

Four Hundred Eighty (480) Drawings

PRELIMINARY AND FINAL DESIGN BUDGETARY ALLOWANCES:

Boreholes, Cross Hole Tests	\$200,000
Inspection, Equipment, MPT.	\$ 25,000
Printing, Mails, Travel Expenses	\$ 45,000
Total	\$270,000

PRELIMINARY AND FINAL DESIGN CONTINGENCY ALLOWANCES:

Flagged Conditions	\$ 50,000
Total	\$ 50,000

AVAILABILITY OF:

	Y	N	REMARKS
Plans of Existing Bridge	Y		
Bridge Inventory & Condition Report	Y		DATED: 1997
Bridge Inventory Listing	N		DATED:

- a. The total direct technical office salary costs times the technical office multiplier stated herein plus reimbursement for Principals' Time for services provided hereunder shall not exceed \$ _____.
- b. The total cost of routine operational out-of-pocket expenses shall not exceed \$15,000.*
- c. The cost of out-of-pocket expenses for Bore Holes Testing shall not exceed \$200,000.00, the cost of MPT inspection shall not exceed \$25,000.00,* the cost of Concrete Coring Program shall not exceed \$0,* the cost of the Soils Investigation Program shall not exceed \$0,* the cost of force account expenses shall not exceed \$0,* the cost of Permit Application Fees and related Sampling and Testing shall not exceed \$0,* the cost of the Hydraulic Survey shall not exceed \$0,* and the cost of the Hydraulic Study shall not exceed \$0*. Cost of work is subject to Departmental approval. Approval shall be based on competitive low bid process from a minimum of three sub-consultants.

** The cost limitations for these are budgetary estimates of non-DTL expenses only and have been established to cover work which may reasonably be expected on this project. The actual extent and cost of this work shall be determined during the Consultant's operations in connection with the project, and may or may not exceed the limitations as stated herein. Cost of work is subject to Departmental approval. In the event that the cost of required work exceeds the stated cost limitation for this work, then the condition shall be deemed a change of scope and the Consultant shall, upon concurrence of the Department and of the Office of Management and Budget, make written request for an increase in funds in accordance with standard change-order procedures and in conformance with Appendix A2 Section 6.24.*

- d. The total direct technical office salary cost times the technical office multiplier plus reimbursement for Principals' Time and approved out-of-pocket expenses for services provided in connection with contingent work to provide Underwater Inspection, as stated herein, shall not exceed \$0,** and services provided in connection with contingent work to provide a Steel Sampling Program, as stated herein, shall not exceed \$-0,** and services provided in connection with contingent work to provide for flagged conditions, as stated herein, shall not exceed \$0.** Cost of work is subject to Departmental approval. Approval shall be based on competitive low bid process from a minimum of three subconsultants.
- e. The total direct technical office salary cost times the technical office multiplier plus reimbursement for Principals' time and approved out-of-pocket expenses for services provided in connection with contingent work to provide a ULURP process, as stated herein shall not exceed \$-0,**, and services provided in connection with contingent work to provide Title Examinations and Reports, as stated herein, shall not exceed \$-0.** Cost of work is subject to Departmental approval. Approval shall be based on competitive low bid process from a minimum of three sub-consultants.

FORM 4T2A – COST PROPOSAL SUMMARY

PROJECT NAME: RECONSTRUCTION OF QUEENSBORO BRIDGE
CONTRACT #7 SEISMIC RETROFIT

PIN NO.: 84105MBBR058

PRIME CONSULTANT: _____

CONTRACT NO.: BRC231S

CONSULTANT ON THIS FORM: _____

	<u>(COLUMN 1)</u>	<u>(COLUMN 2)</u>	<u>(COLUMN 3)</u>	<u>(COLUMN 4)</u>	<u>(COLUMN 5)</u>
	<u>CONSULTANT</u>	<u>HOURS ALL FIRMS</u>	<u>ESCALATED LABOR COST TO PROJECT MIDPOINT</u>	<u>DIRECT NON-SALARY COST</u>	<u>TOTAL COST</u>
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____
9.	Budgetary Allowance	_____	_____	_____	\$225,000.00
	TOTALS	_____	_____	\$15,000.00	(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.

FORM 4T2B – COST PROPOSAL SUMMARY

PROJECT NAME: RECONSTRUCTION OF QUEENSBORO BRIDGE
CONTRACT #7 SEISMIC RETROFIT

PIN NO.: 84105MBBR058

PRIME CONSULTANT: _____

CONTRACT NO.: BRC231S

CONSULTANT ON THIS FORM: _____

	<u>(COLUMN 1)</u>	<u>(COLUMN 2)</u>	<u>(COLUMN 3)</u>	<u>(COLUMN 4)</u>	<u>(COLUMN 5)</u>
	<u>CONSULTANT</u>	<u>HOURS ALL FIRMS</u>	<u>ESCALATED LABOR COST TO PROJECT MIDPOINT</u>	<u>DIRECT NON-SALARY COST</u>	<u>TOTAL COST</u>
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____
9.	Budgetary Allowance	_____	_____	_____	\$225,000.00
	TOTALS	_____	_____	\$15,000.00	(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.