



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
CONTRACT SUMMARY

CONTRACT NUMBER: BRCR076

PIN: 84106MBBR081

BID DATE: March 08, 2007

BID GROUP DESCRIPTION:

ENGINEER'S ESTIMATE: \$ 391,444,560.95

LOWEST RESPONSIBLE BIDDER: KIEWIT CONSTRUCTORS INC./ WEEKS MARINE, INC.

LOWEST RESPONSIBLE BID AMOUNT: \$ 612,467,522.00

VERIFIED BY: Salwan Chaudhary 4/4/07
 (SIGNATURE OF DIRECTOR) (DATE)

I RECOMMEND THE AWARD OF THE ABOVE CONTRACT TO THE LOWEST RESPONSIBLE BIDDER

I RECOMMEND THE REJECTION OF ALL BIDS

SIGNATURE OF THE DEPUTY CHIEF ENGINEER

[Signature] DATE 4/4/07
[Signature] DATE 4/5/07

SIGNATURE OF THE CHIEF BRIDGE OFFICER

~~UNDER THE AUTHORITY CONFERRED UPON ME BY SECTION 343B OF THE NEW YORK CITY CHARTER AND SECTION 321 (V) OF THE PPB RULES, TO REJECT ALL BIDS IF DEEMED FOR THE BEST INTEREST OF THE CITY, I HEREBY APPROVE THE RECOMMENDATION TO REJECT ALL BIDS.~~

 (SIGNATURE OF THE COMMISSIONER) (DATE SIGNED)

THE BID OF
 \$ 612,467,522.00 KIEWIT CONSTRUCTORS INC./
 BEING THE LOWEST RESPONSIBLE BID RECEIVED, THE AWARD OF THE CONTRACT IS APPROVED.
[Signature] 4/11/07
 (SIGNATURE OF THE COMMISSIONER) (DATE SIGNED)



CONTRACT SUMMARY
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES

BUDGET CODE BREAKDOWN OF LOWEST RESPONSIBLE BID:

<u>BUDGET LINE</u>	<u>DESCRIPTION</u>	<u>CITY</u>	<u>PRIVATE</u>	<u>FEDERAL</u>	<u>STATE</u>	<u>OTHER</u>
BR-76	WILLIS AVENUE BRIDGE	-\$0.02	\$0.00	\$36,171,348.35	\$9,042,837.09	\$0.00
BR-76*	WILLIS AVENUE BRIDGE	\$5,041,201.49	\$0.00	\$80,659,223.88	\$15,123,604.48	\$0.00
BR-76**	WILLIS AVENUE BRIDGR	\$39,678,419.25	\$0.00	\$158,713,676.99	\$0.00	\$0.00
BR-76***	WILLIS AVENUE BRIDGE	\$261,682,922.87	\$0.00	\$0.00	\$0.00	\$0.00
TF-2	SIGNALS AND STRIPING	\$1,495,509.23	\$0.00	\$0.00	\$0.00	\$0.00
TF-502	STREET LIGHTING	\$4,858,778.39	\$0.00	\$0.00	\$0.00	\$0.00
		\$312,756,831.21	\$0.00	\$275,544,249.22	\$24,166,441.57	\$0.00

BIDDERS IN RANK ORDER:

<u>RANK</u>	<u>BOOK NUMBER</u>	<u>EIN</u>	<u>BID AMOUNT</u>	<u>BIDDER'S NAME</u>	<u>STATUS</u>
1	A3815	NA	\$612,467,522.00	KIEWIT CONSTRUCTORS INC./ WEEKS MARINE, INC.	LOWEST RESPONSIBLE BIDDER
2	A3806	NA	\$637,665,525.50	KOCH SKANSKA, INC. / SKANSKA USA CIVIL NORTHEAST INC.	SECOND LOWEST RESPONSIBLE BIDDER

1. BIDDERS ARE RANKED BASED ON THE CORRECTED BID AMOUNTS.
2. STATUS IS BASED ON ANALYSIS OF BIDS BY PUBLIC AND PRIVATE FUNDING SHARES AND VERIFICATION OF OTHER REQUIREMENTS.



BID GROUP SUMMARY
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES

CONTRACT NUMBER: BRCR076

PIN: 84106MBBR081

BID DATE: March 08, 2007

BID GROUP DESCRIPTION: REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY (BIN 2-24005-9)

REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR

ENGINEER'S ESTIMATE (FOR THE BID GROUP): \$ 391,444,560.95

LOWEST RESPONSIBLE BIDDER (FOR THE CONTRACT): KIEWIT CONSTRUCTORS INC./ WEEKS MARINE, INC.

BID AMOUNT (FOR THE BID GROUP) OF LOWEST RESPONSIBLE BID AMOUNT: \$ 612,467,522.00

BUDGET CODE BREAKDOWN OF LOWEST RESPONSIBLE BID (FOR THE BID GROUP):

<u>BUDGET LINE</u>	<u>DESCRIPTION</u>	<u>CITY</u>	<u>PRIVATE</u>	<u>FEDERAL</u>	<u>STATE</u>	<u>OTHER</u>
BR-76	WILLIS AVENUE BRIDGE	-\$0.02	\$0.00	\$36,171,348.35	\$9,042,837.09	\$0.00
BR-76*	WILLIS AVENUE BRIDGE	\$5,041,201.49	\$0.00	\$80,659,223.88	\$15,123,604.48	\$0.00
BR-76**	WILLIS AVENUE BRIDGR	\$39,678,419.25	\$0.00	\$158,713,676.99	\$0.00	\$0.00
BR-76***	WILLIS AVENUE BRIDGE	\$261,682,922.87	\$0.00	\$0.00	\$0.00	\$0.00
TF-2	SIGNALS AND STRIPING	\$1,495,509.23	\$0.00	\$0.00	\$0.00	\$0.00
TF-502	STREET LIGHTING	\$4,858,778.39	\$0.00	\$0.00	\$0.00	\$0.00
		\$312,756,831.21	\$0.00	\$275,544,249.22	\$24,166,441.57	\$0.00

VERIFIED BY:

PROJECT ENGINEERS: Simona Finkelstein 4/4/07

PROJECT MANAGER:

Balzan Chaudhary 4/4/07

DIRECTOR:

Balzan Chaudhary 4/4/07

1. BID GROUP SUMMARY SHEET, Page 1 of 1
2. REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY (



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

CONTRACT NUMBER: BRCR076

PIN: 84106MBBR081

BID DATE: March 08, 2007

BID GROUP: 1

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
201.06 M	1.00	LS	107,081.00	1,000,000.00	600,000.00				
CLEARING AND GRUBBING			107,081.00	1,000,000.00	600,000.00				
202.010001 M	1.00	LS	11,577.00	50,000.00	100,000.00				
DISPOSAL OF BUILDINGS			11,577.00	50,000.00	100,000.00				
202.030001 M	1.00	LS	11,577.00	10,000.00	100,000.00				
RELOCATING BUILDINGS			11,577.00	10,000.00	100,000.00				
202.120001 M	1.00	LS	578,813.00	400,000.00	500,000.00				
REMOVING EXISTING SUPERSTRUCTURES			578,813.00	400,000.00	500,000.00				
202.120002 M	1.00	LS	115,800.00	1,000,000.00	500,000.00				
REMOVING EXISTING SUPERSTRUCTURES			115,800.00	1,000,000.00	500,000.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
202.120003 M	1.00	LS	578,813.00	300,000.00	300,000.00				
REMOVING EXISTING SUPERSTRUCTURES			578,813.00	300,000.00	300,000.00				
202.120004 M	1.00	LS	3,472,875.00	9,000,000.00	5,000,000.00				
REMOVING EXISTING SUPERSTRUCTURES			3,472,875.00	9,000,000.00	5,000,000.00				
202.120005 M	1.00	LS	115,800.00	1.00	50,000.00				
REMOVING EXISTING SUPERSTRUCTURES			115,800.00	1.00	50,000.00				
202.120006 M	1.00	LS	2,083,725.00	2,000,000.00	7,000,000.00				
REMOVING EXISTING SUPERSTRUCTURES			2,083,725.00	2,000,000.00	7,000,000.00				
202.120007 M	1.00	LS	6,945,750.00	2,000,000.00	2,000,000.00				
REMOVING EXISTING SUPERSTRUCTURES			6,945,750.00	2,000,000.00	2,000,000.00				
202.120008 M	1.00	LS	420,218.00	2,000,000.00	300,000.00				
REMOVING EXISTING SUPERSTRUCTURES			420,218.00	2,000,000.00	300,000.00				
202.120009 M	1.00	LS	316,032.00	2,000,000.00	300,000.00				
REMOVING EXISTING SUPERSTRUCTURES			316,032.00	2,000,000.00	300,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
202.19 M	5,421.00	CM	406.00	1,500.00	950.00				
REMOVAL OF SUBSTRUCTURES			2,200,926.00	8,131,500.00	5,149,950.00				
11202.30 M	7.00	MT	232.00	240.00	2,000.00				
HANDLING, TRANSPORTATION, AND DISPOSAL OF HAZARDOUS SOIL			1,624.00	1,680.00	14,000.00				
11202.31 M	1.00	EA	1,390.00	1,250.00	4,000.00				
SAMPLING AND TESTING OF HAZARDOUS SOIL			1,390.00	1,250.00	4,000.00				
11202.32 M	5.00	EA	1,390.00	1,250.00	4,000.00				
POST EXCAVATION SAMPLING AND TESTING			6,950.00	6,250.00	20,000.00				
07202.490001 M	1.00	LS	11,577.00	100,000.00	30,000.00				
REMOVAL OF ADVERTISING BILLBOARDS			11,577.00	100,000.00	30,000.00				
11202.810101 M	1.00	LS	1,001,346.00	4,000,000.00	2,500,000.00				
REMOVAL OF EXISTING TIMBER FENDER SYSTEM			1,001,346.00	4,000,000.00	2,500,000.00				
10202.9901 M	25,900.00	SQM	82.00	70.00	45.00				
PAVEMENT EXCAVATION			2,123,800.00	1,813,000.00	1,165,500.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
10203.0126 M	1,196.00	MT	76.00	60.00	100.00				
DISPOSAL OF CONTAMINATED NON-HAZARDOUS WASTE SOIL			90,896.00	71,760.00	119,600.00				
203.02 M	14,170.00	CM	82.00	200.00	170.00				
UNCLASSIFIED EXCAVATION AND DISPOSAL			1,161,940.00	2,834,000.00	2,408,900.00				
203.03 M	1,400.00	CM	29.00	200.00	100.00				
EMBANKMENT IN PLACE			40,600.00	280,000.00	140,000.00				
203.05 M	2,135.00	CM	35.00	120.00	125.00				
SELECT BORROW			74,725.00	256,200.00	266,875.00				
203.07 M	1,017.00	CM	47.00	150.00	150.00				
SELECT GRANULAR FILL			47,799.00	152,550.00	152,550.00				
17203.175001 M	24.00	EA	1,158.00	10,000.00	20,000.00				
TEMPORARY ANCHOR TIEBACK SYSTEM			27,792.00	240,000.00	480,000.00				
17203.175002 M	33.00	EA	1,158.00	15,000.00	20,000.00				
TEMPORARY ANCHOR TIEBACK SYSTEM			38,214.00	495,000.00	660,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 4 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
17203.175003 M	16.00	EA	1,158.00	20,000.00	20,000.00				
TEMPORARY ANCHOR TIEBACK SYSTEM			18,528.00	320,000.00	320,000.00				
17203.1756 M	1,335.00	M	1,158.00	200.00	700.00				
STEEL TIES (TEMPORARY)			1,545,930.00	267,000.00	934,500.00				
203.18 M	56.00	M	22.00	60.00	150.00				
CLEANING CLOSED DRAINAGE SYSTEMS			1,232.00	3,360.00	8,400.00				
203.1801 29 M	35,845.00	CM	12.00	15.00	50.00				
HANDLING AND STOCKPILING OF POTENTIALLY CONTAMINATED SOIL			430,140.00	537,675.00	1,792,250.00				
203.1802 29 M	90.00	EA	776.00	670.00	4,000.00				
TESTING OF POTENTIALLY CONTAMINATED SOIL FOR DISPOSAL			69,840.00	60,300.00	360,000.00				
203.1803 29 M	73,483.00	MT	50.00	55.00	140.00				
TRANSPORTATION AND DISPOSAL OF NON-HAZARDOUS CONTAMINATED SOIL			3,674,150.00	4,041,565.00	10,287,620.00				
203.1804 29 M	3,674.00	MT	290.00	165.00	250.00				
TRANSPORTATION AND DISPOSAL OF HAZARDOUS CONTAMINATED SOIL			1,065,460.00	606,210.00	918,500.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
203.1805	29 M	1.00 LS	625,118.00	600,000.00	1,000,000.00				
HANDLING, TREATMENT/ TRANSPOR AND DISPOSAL OF CONTAMINATED DEWATERING FLUIDS			625,118.00	600,000.00	1,000,000.00				
203.1806	29 M	1.00 LS	179,432.00	100,000.00	100,000.00				
TESTING OF POTENTIALLY CONTAMINATED DEWATERING FLUIDS FOR DISPOSAL			179,432.00	100,000.00	100,000.00				
203.1807	29 M	1.00 LS	382,017.00	10,000.00	100,000.00				
WATER QUALITY MONITORING (TURBIDITY)			382,017.00	10,000.00	100,000.00				
203.1808	29 M	13,660.00 CM	64.00	100.00	130.00				
EXCAVATION AND DEWATERING OF RIVER MATERIAL			874,240.00	1,366,000.00	1,775,800.00				
203.1809	29 M	1.00 LS	231,525.00	700,000.00	250,000.00				
TREATMENT AND DISPOSAL OF DEWATERING FLUID FROM RIVER MATERIAL			231,525.00	700,000.00	250,000.00				
203.1810	29 M	28,004.00 MT	53.00	60.00	150.00				
DISPOSAL OF NON-HAZARDOUS EXCAVATED RIVER MATERIAL			1,484,212.00	1,680,240.00	4,200,600.00				

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NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
203.1811	29 M	7,001.00	MT	290.00	230.00	200.00			
DISPOSAL OF HAZARDOUS EXCAVATED RIVER MATERIAL			2,030,290.00	1,610,230.00	1,400,200.00				
203.19 M	49.00	EA	400.00	250.00	750.00				
CLEANING DRAINAGE STRUCTURES AND MANHOLES			19,600.00	12,250.00	36,750.00				
203.21M	25,264.00	CM	58.00	150.00	80.00				
SELECT STRUCTURE FILL			1,465,312.00	3,789,600.00	2,021,120.00				
203.25 M	16.00	CM	69.00	1,000.00	200.00				
SAND BACKFILL			1,104.00	16,000.00	3,200.00				
11203.25 M	80.00	CM	87.00	100.00	200.00				
BACFILL ENVELOPE FOR WATER MAINS AND APPURTENANCES (NYC)			6,960.00	8,000.00	16,000.00				
206.01 M	29,689.00	CM	82.00	150.00	220.00				
STRUCTURE EXCAVATION			2,434,498.00	4,453,350.00	6,531,580.00				
206.02M	8,613.00	CM	53.00	120.00	150.00				
TRENCH AND CULVERT EXCAVATION			456,489.00	1,033,560.00	1,291,950.00				
206.03 M	1,550.00	M	406.00	180.00	40.00				
CONDUIT EXCAVATION AND BACKFILL INCLUDING SURFACE RESTORATION			629,300.00	279,000.00	62,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 7 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
10206.0301 M	201.00	M	128.00	150.00	40.00				
CONDUIT EXCAVATION AND BACKFILL (RESTORING TOP SURFACES NOT INCLUDED)			25,728.00	30,150.00	8,040.00				
11206.0312 M	1,560.00	M	174.00	500.00	151.00				
CONDUIT INSTALLED ON ABOVE GRADE STRUCTURE			271,440.00	780,000.00	235,560.00				
03206.07 M	1.00	FPLS	102,620.00	102,620.00	102,620.00				
EXCAVATION FOR ARCHEOLOGICAL MONITORING AND DATA RECOVERY			102,620.00	102,620.00	102,620.00				
207.10 M	80.00	SQM	3.00	60.00	100.00				
GEOTEXTILE BEDDING			240.00	4,800.00	8,000.00				
207.11 M	1,050.00	SQM	20.00	60.00	10.00				
GEOTEXTILE SEPARATION			21,000.00	63,000.00	10,500.00				
207.12 M	635.00	SQM	3.00	60.00	25.00				
GEOTEXTILE DRAINAGE			1,905.00	38,100.00	15,875.00				
207.15 M	1,749.00	SQM	44.00	50.00	20.00				
PREFABRICATED COMPOSITE STRUCTURAL DRAIN			76,956.00	87,450.00	34,980.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 8 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
209.03 M	1,300.00	SQM	1.00	2.00	5.00				
SEEDING (TEMPORARY)			1,300.00	2,600.00	6,500.00				
11209.11 M	121.00	EA	116.00	300.00	500.00				
INLET FILTER SEDIMENT CONTROL FOR NEW CATCH BASINS			14,036.00	36,300.00	60,500.00				
11209.12 M	83.00	EA	116.00	300.00	500.00				
INLET FILTER SEDIMENT CONTROL FOR EXISTING CATCH BASINS			9,628.00	24,900.00	41,500.00				
209.1201 M	335.00	M	44.00	150.00	125.00				
HAYBALE/STRAWBALE - TEMPORARY			14,740.00	50,250.00	41,875.00				
209.13 M	16,030.00	M	24.00	30.00	7.00				
SILT FENCE - TEMPORARY			384,720.00	480,900.00	112,210.00				
209.1501 24 M	607.00	M	174.00	1,000.00	200.00				
TURBIDITY CURTAIN			105,618.00	607,000.00	121,400.00				
209.1703 M	120.00	M	64.00	200.00	100.00				
DRAINAGE STRUCTURE INLET PROTECTION, PREFABRICATED - TEMPORARY			7,680.00	24,000.00	12,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 9 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
209.1901 M	241.00	SQM	7.00	50.00	50.00				
ROLLED EROSION CONTROL PRODUCT, CLASS II, TYPE A, INTERMEDIATE			1,687.00	12,050.00	12,050.00				
210.1002 M	128.50	SQM	139.00	460.00	460.00				
REMOVAL AND DISPOSAL OF ROOFING ACM			17,861.50	59,110.00	59,110.00				
210.1102 M	56.90	SQM	122.00	230.00	230.00				
REMOVAL AND DISPOSAL OF SIDING ACM			6,941.80	13,087.00	13,087.00				
210.1201 M	217.00	M	301.00	170.00	170.00				
REMOVAL AND DISPOSAL OF CAULK/GLAZING ACM			65,317.00	36,890.00	36,890.00				
210.1302 M	41.90	SQM	197.00	650.00	650.00				
REMOVAL AND DISPOSAL OF FLOORING/MASTIC ACM			8,254.30	27,235.00	27,235.00				
210.1402 M	19.50	SQM	406.00	880.00	875.00				
REMOVAL AND DISPOSAL OF CEILING ACM			7,917.00	17,160.00	17,062.50				
210.290101 M	100.60	M	220.00	170.00	175.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			22,132.00	17,102.00	17,605.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 10 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
210.290102 M	4.60	M	220.00	1,750.00	1,750.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			1,012.00	8,050.00	8,050.00				
210.290201 M	21.60	SQM	197.00	620.00	620.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			4,255.20	13,392.00	13,392.00				
210.290202 M	41.10	SQM	174.00	510.00	510.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			7,151.40	20,961.00	20,961.00				
210.290203 M	31.20	SQM	174.00	600.00	600.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			5,428.80	18,720.00	18,720.00				
210.290204 M	31.20	SQM	174.00	600.00	600.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			5,428.80	18,720.00	18,720.00				
210.290205 M	0.10	SQM	348.00	25,000.00	25,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			34.80	2,500.00	2,500.00				
210.290206 M	0.10	SQM	348.00	25,000.00	25,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			34.80	2,500.00	2,500.00				

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MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
210.290207 M	0.30	SQM	174.00	10,000.00	10,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			52.20	3,000.00	3,000.00				
210.3302 M	13.30	SQM	53.00	540.00	540.00				
REMOVAL AND DISPOSAL OF BOND BREAKER/FILLER ACM			704.90	7,182.00	7,182.00				
210.3401 M	1,463.30	M	53.00	70.00	70.00				
REMOVAL AND DISPOSAL OF CAULKING ACM			77,554.90	102,431.00	102,431.00				
210.480201 M	1,267.20	SQM	62.00	380.00	380.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			78,566.40	481,536.00	481,536.00				
210.480202 M	1,267.20	SQM	62.00	170.00	170.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			78,566.40	215,424.00	215,424.00				
210.480301 M	1.00	LS	579.00	9,000.00	9,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			579.00	9,000.00	9,000.00				
210.480302 M	1.00	LS	232.00	6,000.00	6,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			232.00	6,000.00	6,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 12 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
210.480303 M	1.00	LS	232.00	6,000.00	6,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			232.00	6,000.00	6,000.00				
210.480304 M	1.00	LS	174.00	6,000.00	6,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			174.00	6,000.00	6,000.00				
210.480305 M	1.00	LS	3,473.00	7,500.00	8,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			3,473.00	7,500.00	8,000.00				
210.480306 M	1.00	LS	174.00	5,000.00	5,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			174.00	5,000.00	5,000.00				
210.480307 M	1.00	LS	579.00	9,000.00	9,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			579.00	9,000.00	9,000.00				
210.480308 M	1.00	LS	406.00	9,500.00	9,500.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			406.00	9,500.00	9,500.00				
210.480309 M	1.00	LS	579.00	26,000.00	30,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			579.00	26,000.00	30,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
210.480310 M	1.00	LS	579.00	9,000.00	9,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			579.00	9,000.00	9,000.00				
210.480311 M	1.00	LS	4,631.00	9,000.00	9,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			4,631.00	9,000.00	9,000.00				
210.480312 M	1.00	LS	579.00	9,500.00	9,500.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			579.00	9,500.00	9,500.00				
210.480313 M	1.00	LS	579.00	12,000.00	12,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			579.00	12,000.00	12,000.00				
210.480314 M	1.00	LS	52,094.00	100,000.00	125,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			52,094.00	100,000.00	125,000.00				
210.480315 M	1.00	LS	28,941.00	600,000.00	930,000.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ACM			28,941.00	600,000.00	930,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
210.5332 M	19.00	SQM	377.00	540.00	535.00				
REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING BOND BREAKER AND/OR JOINT FILLERS (BV12)			7,163.00	10,260.00	10,165.00				
210.9901 M	40.00	M	203.00	350.00	350.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ASBESTOS-CONTAINING MATERIAL			8,120.00	14,000.00	14,000.00				
210.9902 M	6.00	SQM	1,737.00	1,500.00	1,500.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS			10,422.00	9,000.00	9,000.00				
210.9912 M	238.00	SQM	174.00	270.00	270.00				
REMOVAL AND DISPOSAL OF MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS (BV 12)			41,412.00	64,260.00	64,260.00				
17304.101199 M	5,729.00	CM	93.00	140.00	125.00				
SUBBASE COURSE, TYPE 1011-2			532,797.00	802,060.00	716,125.00				
304.11 M	5,330.00	CM	47.00	170.00	125.00				
SUBBASE COURSE, TYPE 1			250,510.00	906,100.00	666,250.00				

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MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
304.13 M	15.00	CM	76.00	300.00	150.00				
SUBBASE COURSE, TYPE 3			1,140.00	4,500.00	2,250.00				
402.018901 M	180.00	MT	76.00	215.00	250.00				
TRUE AND LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION			13,680.00	38,700.00	45,000.00				
402.018911 M	9.00	QU	116.00	110.00	110.00				
PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.018901 M			1,044.00	990.00	990.00				
402.126101 M	1,813.00	MT	151.00	215.00	225.00				
12.5 MM F1 SUPERRAVE HMA, 60 SERIES COMPACTION			273,763.00	389,795.00	407,925.00				
402.126111 M	91.00	QU	100.00	110.00	110.00				
PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.126101			9,100.00	10,010.00	10,010.00				
18402.2502 M	275.00	M	22.00	20.00	20.00				
SAWING AND SEALING JOINTS IN NEW HOT MIX ASPHALT OVERLAYS USING HOT APPLIED SEALANT			6,050.00	5,500.00	5,500.00				
402.256901 M	3,322.00	MT	128.00	190.00	225.00				
25 MM F9 SUPERPAVE HMA, 60 SERIES COMPACTION			425,216.00	631,180.00	747,450.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 16 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
402.256911 M	166.00	QU	100.00	110.00	110.00				
PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.256901			16,600.00	18,260.00	18,260.00				
403.118902 M	242.00	MT	174.00	175.00	225.00				
HOT MIX ASPHALT, TYPE 1 BASE COURSE			42,108.00	42,350.00	54,450.00				
407.01 M	25,100.00	L	3.00	2.00	4.00				
TACK COAT			75,300.00	50,200.00	100,400.00				
411.01 M	250.00	CM	174.00	300.00	100.00				
STABILIZED GRAVEL SURFACE COURSE			43,500.00	75,000.00	25,000.00				
490.30 M	1,400.00	SQM	8.00	55.00	20.00				
MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE			11,200.00	77,000.00	28,000.00				
01501.12 M	108.00	CM	1,158.00	500.00	325.00				
GROUT FILLING			125,064.00	54,000.00	35,100.00				
502.0001 M	2,310.00	CM	290.00	1,300.00	240.00				
PORTLAND CEMENT TREATED PERMEABLE BASE			669,900.00	3,003,000.00	554,400.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 17 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
502.0010 M	98.00	CM	319.00	1,300.00	225.00				
PCC PAVEMENT, UNREINFORCED, NONPROFILOGRAPH, CLASS C, TYPE 1 FRICTION			31,262.00	127,400.00	22,050.00				
502.1011 M	600.00	CM	1,042.00	1,400.00	700.00				
PCC PAVEMENT - MESH REINFORCED, NONPRFILOGRAPHED, CLASS C, TYPE 1			625,200.00	840,000.00	420,000.00				
502.1212 M	4,525.00	CM	406.00	1,200.00	450.00				
PCC PAVEMENT, ISOLATED MESH REINFORCED, PROFILOGRAPH LEVEL 2, CLASS C, FRICTION TYPE 2			1,837,150.00	5,430,000.00	2,036,250.00				
502.91 M	4,420.00	M	50.00	100.00	50.00				
CONSTRUCTING TRANSVERSE JOINTS			221,000.00	442,000.00	221,000.00				
502.9110 M	4,138.00	M	31.00	100.00	25.00				
CONSTRUCTING LONGITUDINAL JOINTS			128,278.00	413,800.00	103,450.00				
502.92 M	1,500.00	M	31.00	18.00	25.00				
SEALING TRANSVERSE JOINTS-SILICON JOINT SEALANT			46,500.00	27,000.00	37,500.00				

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MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
502.9210 M	4,520.00	M	27.00	18.00	20.00				
FILLING TRANSVERSE CONTRACTION JOINTS			122,040.00	81,360.00	90,400.00				
502.93 M	4,138.00	M	27.00	18.00	20.00				
SEALING LONGITUDINAL JOINTS-SILICON JOINT SEALANT			111,726.00	74,484.00	82,760.00				
503.1010 M	3,008.00	CM	371.00	1,000.00	300.00				
PCC FOUNDATION FOR PAVEMENT, CLASS C			1,115,968.00	3,008,000.00	902,400.00				
503.9110 M	2,800.00	M	68.00	100.00	15.00				
CONSTRUCTING LONGITUDINAL JOINTS IN FOUNDATION PAVEMENT			190,400.00	280,000.00	42,000.00				
10520.05 M	2,500.00	M	24.00	17.00	25.00				
SAW CUTTING PORTLAND CEMENT CONCRETE AND COMPOSITE PAVEMENT			60,000.00	42,500.00	62,500.00				
10520.09 M	629.00	M	18.00	8.00	14.00				
SAW CUTTING ASPHALT CONCRETE			11,322.00	5,032.00	8,806.00				
08520.5014 M	65.00	M	32.00	16.00	70.00				
SAW CUTTING ASPHALT PAVEMENT, CONCRETE PAVEMENT AND ASPHALT OVERLAY ON CONCRETE PAVEMENT			2,080.00	1,040.00	4,550.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 19 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
16551.02 M	2,142.00	M	168.00	500.00	100.00				
TREATED TIMBER PILES			359,856.00	1,071,000.00	214,200.00				
17551.0302M	1,472.00	M	2,547.00	5,000.00	400.00				
PREDRILLING HOLES FOR PILES - CASING REQUIRED			3,749,184.00	7,360,000.00	588,800.00				
551.04600117 M	1,066.00	M	521.00	6,000.00	500.00				
HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL			555,386.00	6,396,000.00	533,000.00				
551.04600217 M	133.00	M	521.00	6,000.00	500.00				
HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL			69,293.00	798,000.00	66,500.00				
551.04600317 M	78.00	M	521.00	6,000.00	600.00				
HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL			40,638.00	468,000.00	46,800.00				
551.04600417 M	383.00	M	521.00	6,000.00	900.00				
HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL			199,543.00	2,298,000.00	344,700.00				
551.04610117 M	199.00	M	927.00	3,000.00	1,500.00				
ROCK SOCKETS FOR SOLDIER PILE AND LAGGING WALL			184,473.00	597,000.00	298,500.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
551.04620117 M	282.00	M	1,216.00	190.00	550.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			342,912.00	53,580.00	155,100.00				
551.04620217 M	97.00	M	1,216.00	500.00	1,400.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			117,952.00	48,500.00	135,800.00				
551.04620317 M	111.00	M	1,216.00	550.00	400.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			134,976.00	61,050.00	44,400.00				
551.04620417 M	115.00	M	1,216.00	500.00	1,400.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			139,840.00	57,500.00	161,000.00				
551.04620517 M	280.00	M	1,216.00	330.00	700.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			340,480.00	92,400.00	196,000.00				
551.04620617 M	143.00	M	1,216.00	230.00	510.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			173,888.00	32,890.00	72,930.00				
551.04620717 M	265.00	M	1,216.00	650.00	550.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			322,240.00	172,250.00	145,750.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 21 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
551.04620817 M	540.00	M	1,216.00	100.00	400.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			656,640.00	54,000.00	216,000.00				
551.04620917 M	128.00	M	1,216.00	100.00	400.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			155,648.00	12,800.00	51,200.00				
551.04621017 M	130.00	M	1,216.00	100.00	400.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			158,080.00	13,000.00	52,000.00				
551.04621117 M	129.00	M	1,216.00	1,400.00	2,000.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			156,864.00	180,600.00	258,000.00				
551.04621217 M	226.00	M	1,216.00	290.00	800.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			274,816.00	65,540.00	180,800.00				
551.04621317 M	81.00	M	1,216.00	1,300.00	1,000.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			98,496.00	105,300.00	81,000.00				
551.04621417 M	391.00	M	1,216.00	700.00	500.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			475,456.00	273,700.00	195,500.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 22 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
551.04621517 M	292.00	M	1,216.00	310.00	150.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			355,072.00	90,520.00	43,800.00				
551.04621617 M	1,000.00	M	1,216.00	320.00	150.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			1,216,000.00	320,000.00	150,000.00				
551.04621717 M	532.00	M	1,216.00	400.00	150.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			646,912.00	212,800.00	79,800.00				
551.04621817 M	112.00	M	1,216.00	1,200.00	400.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			136,192.00	134,400.00	44,800.00				
551.04622117 M	59.00	M	1,216.00	1,600.00	2,500.00				
INSTALLING SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL			71,744.00	94,400.00	147,500.00				
551.04630117 M	380.00	SQM	174.00	200.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			66,120.00	76,000.00	72,200.00				
551.04630217 M	116.00	SQM	174.00	2,000.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			20,184.00	232,000.00	22,040.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 23 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
551.04630317 M	136.00	SQM	174.00	200.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			23,664.00	27,200.00	25,840.00				
551.04630417 M	123.00	SQM	174.00	2,000.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			21,402.00	246,000.00	23,370.00				
551.04630517 M	92.00	SQM	174.00	2,000.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			16,008.00	184,000.00	17,480.00				
551.04630717 M	380.00	SQM	174.00	320.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			66,120.00	121,600.00	72,200.00				
551.04630817 M	521.00	SQM	174.00	200.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			90,654.00	104,200.00	98,990.00				
551.04630917 M	227.00	SQM	174.00	400.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			39,498.00	90,800.00	43,130.00				
551.04631017 M	209.00	SQM	174.00	360.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			36,366.00	75,240.00	39,710.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
551.04631117 M	36.00	SQM	174.00	200.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			6,264.00	7,200.00	6,840.00				
551.04631217 M	132.00	SQM	174.00	2,000.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			22,968.00	264,000.00	25,080.00				
551.04631317 M	76.00	SQM	174.00	500.00	1,300.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			13,224.00	38,000.00	98,800.00				
551.04631417 M	155.00	SQM	174.00	300.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			26,970.00	46,500.00	29,450.00				
551.04631517 M	110.00	SQM	174.00	1,500.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			19,140.00	165,000.00	20,900.00				
551.04631617 M	647.00	SQM	174.00	1,200.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			112,578.00	776,400.00	122,930.00				
551.04631717 M	341.00	SQM	174.00	1,200.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			59,334.00	409,200.00	64,790.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 25 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
551.04631817 M	93.00	SQM	174.00	600.00	190.00				
INSTALLING LAGGING FOR SOLDIER PILE AND LAGGING WALL			16,182.00	55,800.00	17,670.00				
551.1004 M	10,102.00	M	99.00	500.00	200.00				
STEEL BEARING PILES (HP 310 X 110)			1,000,098.00	5,051,000.00	2,020,400.00				
551.1204 M	116.00	EA	753.00	1,500.00	500.00				
SPLICES FOR STEEL BEARING PILES (HP310 X110)			87,348.00	174,000.00	58,000.00				
551.13 M	1.00	LS	347,288.00	500,000.00	1,000,000.00				
FURNISHING EQUIPMENT FOR DRIVING PILES			347,288.00	500,000.00	1,000,000.00				
551.14 M	50.00	EA	4,978.00	2,500.00	3,000.00				
DYNAMIC PILE TESTING			248,900.00	125,000.00	150,000.00				
551.4001 29 M	1.00	LS	1,620,675.00	1,000,000.00	700,000.00				
SCOUR MONITORING SYSTEM			1,620,675.00	1,000,000.00	700,000.00				
17551.4020 M	1.00	LS	231,525.00	3,000,000.00	1,000,000.00				
FURNISHING EQUIPMENT FOR INSTALLING BORED - IN PILES			231,525.00	3,000,000.00	1,000,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 26 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
17551.4021 M	13,937.00	M	464.00	1,100.00	900.00				
PERMANENT CASING FOR BORED-IN PILES			6,466,768.00	15,330,700.00	12,543,300.00				
551.4101 29 M	13,719.00	M	521.00	800.00	820.00				
FIBERGLASS REINFORCED PLASTIC (FRP) PILES, 406 MM DIAMETER			7,147,599.00	10,975,200.00	11,249,580.00				
551.4102 29 M	414.00	M	406.00	510.00	300.00				
FIBERGLASS REINFORCED PLASTIC (FRP) PILES, 330 MM DIAMETER			168,084.00	211,140.00	124,200.00				
551.4103 29 M	1.00	LS	578,813.00	900,000.00	1,750,000.00				
FURNISHING EQUIPMENT FOR DRIVING FRP PILES			578,813.00	900,000.00	1,750,000.00				
551.4104 29 M	3,175.00	M	956.00	3,000.00	800.00				
FIBERGLASS REINFORCED PLASTIC (FRP) COMPOSITE LUMBER			3,035,300.00	9,525,000.00	2,540,000.00				
551.4105 29 M	260.00	SQM	1,158.00	4,000.00	4,400.00				
FENDER PANELS			301,080.00	1,040,000.00	1,144,000.00				
551.4106 29 M	595.00	M	406.00	610.00	700.00				
FIBERGLASS HANDRAIL			241,570.00	362,950.00	416,500.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 27 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
551.4107	29 M	2.00	EA	2,895.00	10,000.00	10,000.00			
TIDE CLEARANCE GAUGE				5,790.00	20,000.00	20,000.00			
17551.5021	M	3.00	EA	144,704.00	90,000.00	150,000.00			
OSTERBERG CELL LOAD TEST OF DRILLED SHAFTS				434,112.00	270,000.00	450,000.00			
17551.5022	M	6.00	EA	144,704.00	23,000.00	70,000.00			
STATIC PILE LOAD TEST				868,224.00	138,000.00	420,000.00			
17551.60	M	1.00	LS	3,472,875.00	3,000,000.00	1,000,000.00			
FURNISHING EQUIPMENT FOR INSTALLING DRILLED SHAFTS				3,472,875.00	3,000,000.00	1,000,000.00			
17551.61	M	1.00	LS	1,157,625.00	4,500,000.00	10,000,000.00			
FURNISHING EQUIPMENT FOR INSTALLING DRILLED SHAFTS (ON WATER)				1,157,625.00	4,500,000.00	10,000,000.00			
17551.62	M	1.00	LS	578,813.00	1,500,000.00	1,000,000.00			
FURNISHING EQUIPMENT FOR INSTALLING DRILLED SHAFTS (LOW OVERHEAD CLEARANCE)				578,813.00	1,500,000.00	1,000,000.00			
08551.92	M	1,228.00	EA	1,390.00	600.00	80.00			
REMOVAL OF PILES				1,706,920.00	736,800.00	98,240.00			

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
17551.96 M	271.00	EA	5,789.00	6,000.00	5,000.00				
CROSSHOLE SONIC LOGGING (CSL) OF DRILLED SHAFTS			1,568,819.00	1,626,000.00	1,355,000.00				
17551.9923 M	623.00	EA	10,419.00	6,000.00	30,000.00				
BORED-IN PILES - DESIGN LOAD OF 900 KN OR MORE			6,491,037.00	3,738,000.00	18,690,000.00				
17551.994901 M	5,365.00	M	5,210.00	10,000.00	10,000.00				
DRILLED SHAFTS			27,951,650.00	53,650,000.00	53,650,000.00				
17551.994902 M	621.00	M	6,367.00	15,000.00	13,000.00				
DRILLED SHAFTS			3,953,907.00	9,315,000.00	8,073,000.00				
17551.995001 M	836.00	M	6,946.00	15,000.00	15,000.00				
DRILLED SHAFTS (LOW OVERHEAD CLEARANCE)			5,806,856.00	12,540,000.00	12,540,000.00				
552.11 M	5,564.00	SQM	406.00	1,500.00	1,000.00				
PERMANENT STEEL SHEETING			2,258,984.00	8,346,000.00	5,564,000.00				
552.13 M	3,733.00	SQM	192.00	2,000.00	1,800.00				
TEMPORARY STEEL SHEETING			716,736.00	7,466,000.00	6,719,400.00				
552.15 M	6,434.00	SQM	290.00	700.00	750.00				
INTERIM STEEL SHEETING			1,865,860.00	4,503,800.00	4,825,500.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 29 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
552.16 M	12,445.00	SQM	99.00	200.00	20.00				
EXCAVATION PROTECTION SYSTEM			1,232,055.00	2,489,000.00	248,900.00				
553.010001 M	1.00	EA	1,736,438.00	1,000,000.00	2,000,000.00				
COFFERDAMS (TYPE 1)			1,736,438.00	1,000,000.00	2,000,000.00				
553.010002 M	1.00	EA	1,736,438.00	1,600,000.00	1,800,000.00				
COFFERDAMS (TYPE 1)			1,736,438.00	1,600,000.00	1,800,000.00				
553.010003 M	1.00	EA	1,967,963.00	1,000,000.00	500,000.00				
COFFERDAMS (TYPE 1)			1,967,963.00	1,000,000.00	500,000.00				
553.010004 M	1.00	EA	1,736,438.00	4,000,000.00	3,000,000.00				
COFFERDAMS (TYPE 1)			1,736,438.00	4,000,000.00	3,000,000.00				
553.010005 M	1.00	EA	1,736,438.00	4,000,000.00	3,500,000.00				
COFFERDAMS (TYPE 1)			1,736,438.00	4,000,000.00	3,500,000.00				
555.06 M	6,100.00	CM	521.00	500.00	250.00				
CONCRETE FOR STRUCTURES, CLASS G (DEPOSITED UNDER WATER)			3,178,100.00	3,050,000.00	1,525,000.00				
01555.7294 M	5,152.00	SQM	174.00	100.00	15.00				
ARCHITECTURAL TREATMENT - VERTICAL CONCRETE SURFACES			896,448.00	515,200.00	77,280.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 30 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
16555.9701 M	9,088.00	CM	1,737.00	4,000.00	3,900.00				
CONCRETE FOR STRUCTURES, CLASS HP (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)			15,785,856.00	36,352,000.00	35,443,200.00				
16555.9702 M	15,267.00	CM	1,390.00	1,200.00	750.00				
FOOTING CONCRETE, CLASS HP (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)			21,221,130.00	18,320,400.00	11,450,250.00				
555.9991 29 M	1.00	EA	1,852,200.00	5,000,000.00	8,000,000.00				
CONCRETE PIER BOX (TYPE 1 - PIER 4)			1,852,200.00	5,000,000.00	8,000,000.00				
555.9992 29 M	1.00	EA	1,852,200.00	5,000,000.00	9,000,000.00				
CONCRETE PIER BOX (TYPE 2 - PIER 5)			1,852,200.00	5,000,000.00	9,000,000.00				
555.9993 29 M	1.00	EA	2,315,250.00	11,000,000.00	15,000,000.00				
CONCRETE PIER BOX (TYPE 3 - PIER 6)			2,315,250.00	11,000,000.00	15,000,000.00				
555.9994 29 M	1.00	EA	1,852,200.00	5,000,000.00	9,000,000.00				
CONCRETE PIER BOX (TYPE 4 - PIER 7)			1,852,200.00	5,000,000.00	9,000,000.00				
556.03 M	85,435.00	EA	6.00	4.00	7.00				
STUD SHEAR CONNECTORS FOR BRIDGES			512,610.00	341,740.00	598,045.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
557.0101 M	14,610.00	SQM	637.00	1,100.00	1,300.00				
SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE-BOTTOM FORMWORK REQUIRED-TYPE 1 FRICTION			9,306,570.00	16,071,000.00	18,993,000.00				
557.0501 M	780.00	SQM	139.00	500.00	800.00				
SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK NOT REQUIRED - TYPE 1 FRICTION			108,420.00	390,000.00	624,000.00				
557.2001 M	2,881.00	SQM	446.00	400.00	300.00				
STRUCTURAL APPROACH SLAB WITH INTERGRAL WEARING SURFACE-TYPE 1 FRICTION			1,284,926.00	1,152,400.00	864,300.00				
557.30 M	2,177.00	SQM	192.00	300.00	130.00				
SIDEWALKS AND SAFETY WALKS			417,984.00	653,100.00	283,010.00				
10557.34 M	2,425.00	SQM	139.00	300.00	200.00				
LIGHTWEIGHT HIGH-PERFORMANCE CONCRETE			337,075.00	727,500.00	485,000.00				
558.02 M	15,017.00	SQM	18.00	6.00	10.00				
LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE			270,306.00	90,102.00	150,170.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
18559.1696 M	5,227.00	SQM	19.00	20.00	40.00				
PROTECTIVE SEALING OF STRUCTURAL CONCRETE			99,313.00	104,540.00	209,080.00				
18559.1896 M	18,348.00	SQM	12.00	25.00	20.00				
PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE DECKS AND BRIDGE DECK OVERLAYS			220,176.00	458,700.00	366,960.00				
08559.21 M	8,621.00	SQM	12.00	25.00	50.00				
ANTI - GRAFFITI PROTECTANT			103,452.00	215,525.00	431,050.00				
560.01 M	3,404.00	SQM	1,390.00	4,000.00	2,900.00				
DIMENSION STONE MASONRY			4,731,560.00	13,616,000.00	9,871,600.00				
10560.1004 M	6,300.00	SQM	521.00	320.00	920.00				
REMOVAL OF STONE MASONRY			3,282,300.00	2,016,000.00	5,796,000.00				
08560.1007 M	213.00	SQM	70.00	45.00	60.00				
CLEANING OF STONE MASONRY AND CONCRETE SURFACES			14,910.00	9,585.00	12,780.00				
08560.130601 M	25.00	SQM	521.00	3,000.00	5,000.00				
REMOVE AND RESET EXISTING STONE MASONRY			13,025.00	75,000.00	125,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
563.02 M	460.00	SQM	753.00	1,700.00	1,500.00				
PRESTRESSED CONCRETE BOX BEAM UNITS			346,380.00	782,000.00	690,000.00				
563.04 M	164.00	SQM	695.00	1,500.00	1,500.00				
PRESTRESSED CONCRETE SOLID SLAB UNITS			113,980.00	246,000.00	246,000.00				
564.0501 M	1.00	LS	15,389,467.00	24,000,000.00	35,054,000.00				
STRUCTURAL STEEL - TYPE I			15,389,467.00	24,000,000.00	35,054,000.00				
564.0502 M	1.00	LS	19,882,210.00	15,000,000.00	26,200,000.00				
STRUCTURAL STEEL (TYPE 2)			19,882,210.00	15,000,000.00	26,200,000.00				
564.0503 M	1.00	LS	22,736,913.00	35,000,000.00	45,980,314.00				
STRUCTURAL STEEL (TYPE 3)			22,736,913.00	35,000,000.00	45,980,314.00				
564.0504 M	1.00	LS	2,838,497.00	4,000,000.00	4,000,000.00				
STRUCTURAL STEEL (TYPE 4)			2,838,497.00	4,000,000.00	4,000,000.00				
564.0505 M	1.00	LS	914,756.00	2,000,000.00	4,000,000.00				
STRUCTURAL STEEL (TYPE 5)			914,756.00	2,000,000.00	4,000,000.00				
564.10 M	8,812.00	KG	18.00	30.00	15.00				
STRUCTURAL STEEL REPLACEMENT			158,616.00	264,360.00	132,180.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 34 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
565.1521 M	24.00	EA	3,126.00	8,000.00	7,000.00				
TYPE M.R. EXPANSION BEARING (0 TO 1000 KN)			75,024.00	192,000.00	168,000.00				
565.1522 M	83.00	EA	7,525.00	10,000.00	7,000.00				
TYPE M.R. EXPANSION BEARING (1001 TO 2000 KN)			624,575.00	830,000.00	581,000.00				
565.1523 M	29.00	EA	8,683.00	16,000.00	10,000.00				
TYPE M.R. EXPANSION BEARING (2001 TO 3000 KN)			251,807.00	464,000.00	290,000.00				
565.1524 M	1.00	EA	9,840.00	20,000.00	12,000.00				
TYPE M.R. EXPANSION BEARING (3001 TO 4000 KN)			9,840.00	20,000.00	12,000.00				
565.1525 M	3.00	EA	10,419.00	35,000.00	20,000.00				
TYPE M.R. EXPANSION BEARING (OVER 4000 KN)			31,257.00	105,000.00	60,000.00				
565.1721 M	7.00	EA	4,284.00	8,000.00	6,000.00				
TYPE M.R. FIXED BEARING (0 TO 1000 KN)			29,988.00	56,000.00	42,000.00				
565.1722 M	19.00	EA	2,993.00	9,000.00	9,000.00				
TYPE M.R. FIXED BEARING (1001 TO 2000 KN)			56,867.00	171,000.00	171,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 35 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
565.1723 M	9.00	EA	3,763.00	10,000.00	9,000.00				
TYPE M.R. FIXED BEARING (2001 TO 3000 KN)			33,867.00	90,000.00	81,000.00				
565.1724 M	8.00	EA	7,988.00	16,000.00	15,000.00				
TYPE M.R. FIXED BEARING (3001 TO 4000 KN)			63,904.00	128,000.00	120,000.00				
565.1725 M	26.00	EA	10,419.00	15,000.00	20,000.00				
TYPE M.R. FIXED BEARING (OVER 4000 KN)			270,894.00	390,000.00	520,000.00				
565.1921 M	16.00	EA	232.00	3,000.00	2,000.00				
TYPE E.L. BEARING (0 TO 250 KN)			3,712.00	48,000.00	32,000.00				
565.1923 M	44.00	EA	174.00	2,000.00	2,000.00				
TYPE E.L. BEARING (501 TO 750 KN)			7,656.00	88,000.00	88,000.00				
565.2022 M	14.00	EA	1,737.00	6,000.00	6,000.00				
TYPE E.B. FIXED BEARING (251 TO 500 KN)			24,318.00	84,000.00	84,000.00				
565.2023 M	7.00	EA	1,853.00	7,000.00	3,000.00				
TYPE E.B. FIXED BEARING (501 TO 750 KN)			12,971.00	49,000.00	21,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
565.2031 M	6.00	EA	1,563.00	6,000.00	2,000.00				
TYPE E.B. EXPANSION BEARING (0 TO 250 KN)			9,378.00	36,000.00	12,000.00				
565.2032 M	15.00	EA	1,274.00	5,000.00	4,000.00				
TYPE E.B. EXPANSION BEARING (251 TO 500 KN)			19,110.00	75,000.00	60,000.00				
565.2033 M	30.00	EA	1,968.00	4,000.00	3,000.00				
TYPE E.B. EXPANSION BEARING (501 TO 750 KN)			59,040.00	120,000.00	90,000.00				
565.2034 M	4.00	EA	2,489.00	10,000.00	3,000.00				
TYPE E.B. EXPANSION BEARING (751 TO 1000 KN)			9,956.00	40,000.00	12,000.00				
565.2035 M	5.00	EA	2,895.00	11,000.00	4,000.00				
TYPE E.B. EXPANSION BEARING (OVER 1000 KN)			14,475.00	55,000.00	20,000.00				
566.01 M	30.00	M	903.00	3,000.00	1,000.00				
MODULAR EXPANSION JOINT SYSTEM -ONE CELL			27,090.00	90,000.00	30,000.00				
566.02 M	76.00	M	1,853.00	3,200.00	1,000.00				
MODULAR EXPANSION JOINT SYSTEM - TWO CELL			140,828.00	243,200.00	76,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
567.60 M	314.00	M	406.00	300.00	400.00				
ARMORLESS BRIDGE JOINT SYSTEM			127,484.00	94,200.00	125,600.00				
568.50 M	155.00	M	521.00	1,000.00	820.00				
STEEL BRIDGE RAILING - (TWO RAIL)			80,755.00	155,000.00	127,100.00				
568.70 M	7.00	M	579.00	2,500.00	1,100.00				
TRANSITION BRIDGE RAILING			4,053.00	17,500.00	7,700.00				
568.90 M	806.00	M	406.00	900.00	830.00				
BICYCLE RAILING (TWO RAIL)			327,236.00	725,400.00	668,980.00				
569.01 M	34.00	M	608.00	1,000.00	1,500.00				
PERMANENT CONCRETE TRAFFIC BARRIER FOR STRUCTURES (FULL SECTION)			20,672.00	34,000.00	51,000.00				
569.02 M	1,960.00	M	446.00	2,000.00	1,500.00				
PERMANENT CONCRETE TRAFFIC BARRIER FOR STRUCTURES (HALF SECTION)			874,160.00	3,920,000.00	2,940,000.00				
569.03 M	957.00	M	695.00	1,200.00	1,100.00				
VERTICAL FACED CONCRETE PARAPET			665,115.00	1,148,400.00	1,052,700.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 38 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
569.04 M	400.00	M	521.00	3,000.00	1,100.00				
SINGLE SLOPE (HALF SECTION) CONCRETE BRIDGE BARRIER			208,400.00	1,200,000.00	440,000.00				
570.090001 M	1.00	LS	57,882.00	10,000.00	200,000.00				
ENVIRONMENTAL GROUND PROTECTION			57,882.00	10,000.00	200,000.00				
570.100001 M	1.00	LS	57,882.00	10,000.00	100,000.00				
ENVIRONMENTAL WATERWAY PROTECTION			57,882.00	10,000.00	100,000.00				
572.010001 M	1,650.00	SQM	99.00	50.00	110.00				
STRUCTURAL STEEL PAINT SYSTEM: SHOP APPLIED			163,350.00	82,500.00	181,500.00				
575.0011 29 M	1.00	LS	902,948.00	2,000,000.00	3,000,000.00				
END LIFT MACHINERY			902,948.00	2,000,000.00	3,000,000.00				
575.0012 29 M	1.00	LS	3,299,232.00	3,000,000.00	4,000,000.00				
TURNING MACHINERY			3,299,232.00	3,000,000.00	4,000,000.00				
575.0013 29 M	1.00	LS	2,199,488.00	3,500,000.00	5,000,000.00				
STABILIZING MACHINERY			2,199,488.00	3,500,000.00	5,000,000.00				
575.0014 29 M	1.00	LS	491,991.00	1,100,000.00	900,000.00				
CENTERING LOCK MACHINERY			491,991.00	1,100,000.00	900,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 39 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
575.0015	29 M	1.00	LS	1,273,388.00	1,300,000.00	1,200,000.00			
CENTER WEDGE MACHINERY				1,273,388.00	1,300,000.00	1,200,000.00			
575.0016	29 M	1.00	LS	144,704.00	150,000.00	500,000.00			
HYDRAULIC MACHINERY				144,704.00	150,000.00	500,000.00			
575.0017	29 M	1.00	LS	173,644.00	200,000.00	200,000.00			
OPERATING AND MAINTENANCE MANUALS				173,644.00	200,000.00	200,000.00			
575.0018	29 M	1.00	LS	57,882.00	70,000.00	350,000.00			
OPERATING AND MAINTENANCE TRAINING				57,882.00	70,000.00	350,000.00			
575.0019	29 M	1.00	LS	115,763.00	50,000.00	300,000.00			
SWING SPAN BALANCE MEASUREMENT				115,763.00	50,000.00	300,000.00			
575.0020	29 M	7,150.00	KG	10.00	9.00	4.00			
BALANCE BLOCKS				71,500.00	64,350.00	28,600.00			
575.0021	29 M	1.00	LS	463,050.00	500,000.00	450,000.00			
MOVABLE BRIDGE PROJECT COORDINATOR				463,050.00	500,000.00	450,000.00			
575.0022	29 M	48.00	EA	5,789.00	540.00	2,500.00			
SWING SPAN OPERATION (EXISTING BRIDGE)				277,872.00	25,920.00	120,000.00			

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 40 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



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DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
575.0023	29 M	48.00	MO	5,789.00	6,000.00	4,000.00			
SWING SPAN MAINTENANCE (EXISTING BRIDGE)			277,872.00	288,000.00	192,000.00				
575.0024	29 M	1.00	FPLS	100,000.00	100,000.00	100,000.00			
SWING SPAN REPAIR (EXISTING BRIDGE)			100,000.00	100,000.00	100,000.00				
576.01	M	32.00	EA	7,525.00	15,000.00	5,000.00			
SCUPPERS (TYPE A)			240,800.00	480,000.00	160,000.00				
576.2001	M	361.00	M	1,089.00	1,500.00	1,250.00			
DOWNSPOUT SYSTEM(DUCTILE IRON)			393,129.00	541,500.00	451,250.00				
11576.99	M	2.00	EA	5,789.00	30,000.00	25,000.00			
TRENCH DRAIN			11,578.00	60,000.00	50,000.00				
580.01	M	220.00	CM	1,390.00	1,200.00	700.00			
REMOVAL OF STRUCTURAL CONCRETE			305,800.00	264,000.00	154,000.00				
580.04	M	185.00	SQM	93.00	500.00	100.00			
REMOVAL OF CONCRETE APPROACH SLAB			17,205.00	92,500.00	18,500.00				
585.01	M	1.00	EA	106,502.00	150,000.00	200,000.00			
STRUCTURAL LIFTING OPERATIONS - TYPE A			106,502.00	150,000.00	200,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 41 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
586.01 M	14,600.00	MM	1.00	1.00	1.00				
DRILLING AND GROUTING BOLTS OR REINFORCING BARS			14,600.00	14,600.00	14,600.00				
586.10 M	350.00	EA	87.00	60.00	75.00				
FIELD DRILL HOLES IN EXISTING STRUCTURAL STEEL			30,450.00	21,000.00	26,250.00				
16586.200216 M	110.00	EA	41.00	80.00	100.00				
DRILLING AND GROUTING ANCHOR BOLTS AND REBARS IN CONCRETE			4,510.00	8,800.00	11,000.00				
16586.200219 M	162.00	EA	41.00	80.00	75.00				
DRILLING AND GROUTING ANCHOR BOLTS AND REBARS IN CONCRETE			6,642.00	12,960.00	12,150.00				
589.01M	12,668.00	KG	10.00	10.00	5.00				
REMOVAL OF EXISTING STEEL			126,680.00	126,680.00	63,340.00				
10596.10 M	2,425.00	SQM	753.00	1,000.00	2,500.00				
STEEL GRID DECK			1,826,025.00	2,425,000.00	6,062,500.00				
10599.1399 M	1.00	LS	46,305.00	240,000.00	200,000.00				
REMOVE SUBMARINE CABLES			46,305.00	240,000.00	200,000.00				

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MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11603.04 M	99.00	M	869.00	250.00	1,200.00				
VITRIFIED CLAY PIPE SANITARY SEWER			86,031.00	24,750.00	118,800.00				
603.6102 M	50.00	M	290.00	900.00	350.00				
REINFORCED CONCRETE PIPE, CLASS IV, 375 MILLIMETER DIAMETER			14,500.00	45,000.00	17,500.00				
603.6103 M	7.00	M	348.00	1,100.00	600.00				
REINFORCED CONCRETE PIPE, CLASS IV, 450 MILLIMETER DIAMETER			2,436.00	7,700.00	4,200.00				
02603.6205 M	20.00	M	579.00	1,200.00	800.00				
COATED REINFORCED CONCRETE SEWER PIPE, CLASS V, 600 MM DIAMETER			11,580.00	24,000.00	16,000.00				
603.77 M	20.00	EA	695.00	2,000.00	500.00				
CONCRETE COLLARS			13,900.00	40,000.00	10,000.00				
11603.9508 M	33.00	M	927.00	400.00	700.00				
DUCTILE IRON PIPE, 203MM DIAMETER (NYC)			30,591.00	13,200.00	23,100.00				
11603.9512 M	1,057.00	M	927.00	400.00	450.00				
DUCTILE IRON PIPE ON CRUSHED STONE BEDDING, 305MM DIAMETER (NYC)			979,839.00	422,800.00	475,650.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 43 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11603.9516 M	156.00	M	927.00	400.00	650.00				
DUCTILE IRON PIPE ON CRUSHED STONE BEDDING, 406MM DIAMETER (NYC)			144,612.00	62,400.00	101,400.00				
11603.9518 M	184.00	M	1,100.00	450.00	750.00				
DUCTILE IRON PIPE ON CRUSHED STONE BEDDING, 457 MM DIAMETER (NYC)			202,400.00	82,800.00	138,000.00				
11603.9520 M	32.00	M	927.00	1,000.00	800.00				
DUCTILE IRON PIPE ON CRUSHED STONE BEDDING, 508MM DIAMETER (NYC)			29,664.00	32,000.00	25,600.00				
11603.9524 M	15.00	M	984.00	600.00	850.00				
DUCTILE IRON PIPE ON CRUSHED STONE BEDDING, 610MM DIAMETER (NYC)			14,760.00	9,000.00	12,750.00				
11603.9536 M	90.00	M	695.00	400.00	500.00				
DUCTILE IRON PIPE, 406MM DIAMETER (NYC)			62,550.00	36,000.00	45,000.00				
04603.9816 M	66.00	M	186.00	400.00	500.00				
DUCTILE IRON SEWER PIPE AND FITTINGS 16 NPS			12,276.00	26,400.00	33,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
603.9818 M	14.00	M	105.00	200.00	400.00				
SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 450 MM DIAMETER			1,470.00	2,800.00	5,600.00				
11604.0202 M	233.00	M	1,448.00	2,000.00	1,500.00				
CATCH BASIN TYPE 2 (NYC)			337,384.00	466,000.00	349,500.00				
11604.0203 M	8.00	M	4,863.00	2,500.00	2,000.00				
CATCH BASIN TYPE 3 (NYC)			38,904.00	20,000.00	16,000.00				
11604.0485 M	96.00	M	2,142.00	3,000.00	2,000.00				
NYC STANDARD MANHOLE TYPE A-1			205,632.00	288,000.00	192,000.00				
11604.0486 M	4.00	M	2,316.00	2,000.00	3,500.00				
DROP PIPE MANHOLE (NYC)			9,264.00	8,000.00	14,000.00				
11604.0489 M	24.00	M	2,142.00	5,000.00	3,500.00				
MANHOLES TYPE A-1 (NYC - DEP)			51,408.00	120,000.00	84,000.00				
11604.0495 M	30.00	M	2,895.00	5,000.00	2,500.00				
NYC STANDARD MANHOLE TYPE B-1			86,850.00	150,000.00	75,000.00				
604.071101 M	31.00	EA	516.00	4,000.00	4,200.00				
ALTERING DRAINAGE STRUCTURES, LEACHING BASINS AND MANHOLES			15,996.00	124,000.00	130,200.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11604.0726 M	10.00	EA	927.00	4,000.00	1,000.00				
CONNECTION TO EXISTING DRAINAGE FACILITIES			9,270.00	40,000.00	10,000.00				
604.501101 M	40.00	M	1,853.00	2,500.00	2,500.00				
SPECIAL DRAINAGE STRUCTURE			74,120.00	100,000.00	100,000.00				
604.51020615 M	1.00	EA	52,094.00	40,000.00	60,000.00				
STORMWATER TREATMENT SYSTEM (SWTS)			52,094.00	40,000.00	60,000.00				
604.51020715 M	1.00	EA	57,882.00	40,000.00	65,000.00				
STORMWATER TREATMENT SYSTEM (SWTS)			57,882.00	40,000.00	65,000.00				
605.0901 M	100.00	CM	110.00	100.00	130.00				
UNDERDRAIN FILTER, TYPE 1			11,000.00	10,000.00	13,000.00				
605.0902 08 M	189.00	CM	64.00	100.00	130.00				
UNDERDRAIN FILTER TYPE 1 (MODIFIED)			12,096.00	18,900.00	24,570.00				
605.1502 M	454.00	M	10.00	100.00	15.00				
PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING, 152 MM DIAMETER			4,540.00	45,400.00	6,810.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
605.1701 M	1,575.00	M	9.00	100.00	18.00				
OPTIONAL UNDERDRAIN PIPE 100 DIAMETER			14,175.00	157,500.00	28,350.00				
606.3004M	1,200.00	M	1,621.00	700.00	300.00				
HALF-SECTION CONCRETE BARRIER (OPTIONAL)			1,945,200.00	840,000.00	360,000.00				
606.3042 M	354.00	M	429.00	400.00	400.00				
SINGLE SLOPE CONCRETE MEDIAN BARRIER (PRECAST)			151,866.00	141,600.00	141,600.00				
606.3062 M	347.00	M	464.00	400.00	450.00				
SINGLE SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)			161,008.00	138,800.00	156,150.00				
606.32 M	329.00	M	128.00	100.00	185.00				
HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING			42,112.00	32,900.00	60,865.00				
16606.3260 M	52.00	M	695.00	400.00	1,200.00				
TRANSITION - CONCRETE BARRIER TO CORRUGATED BEAM GUIDE RAILING			36,140.00	20,800.00	62,400.00				
606.34 M	3.00	EA	2,009.00	2,500.00	3,500.00				
ANCHORAGE UNITS FOR HEAVY POST CORR BEAM GUIDE RAILING			6,027.00	7,500.00	10,500.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 47 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
10606.3605 M	6.00	EA	1,737.00	3,000.00	5,000.00				
STEEL CONTINUITY PLATE ASSEMBLY (1.5M)			10,422.00	18,000.00	30,000.00				
606.5148 M	50.00	M	116.00	85.00	220.00				
RESETTING CORRUGATED BEAM GUIDE RAILING (NEW POSTS)			5,800.00	4,250.00	11,000.00				
606.61 M	50.00	M	58.00	85.00	85.00				
REMOVING AND STORING CORRUGATED BEAM GUIDE RAILING			2,900.00	4,250.00	4,250.00				
606.71 M	154.00	M	36.00	100.00	70.00				
REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING			5,544.00	15,400.00	10,780.00				
606.75 M	400.00	M	87.00	350.00	100.00				
REMOVING AND DISPOSING CONCRETE BARRIER			34,800.00	140,000.00	40,000.00				
606.7510 M	67.00	M	76.00	200.00	100.00				
REMOVING AND DISPOSING CONCRETE BARRIER-HALF SECTION			5,092.00	13,400.00	6,700.00				
606.76 M	70.00	EA	41.00	25.00	50.00				
REMOVING AND DISPOSING GUIDE POSTS, GUIDE RAIL POSTS AND MEDIAN BARRIER POSTS			2,870.00	1,750.00	3,500.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
606.9001 M	2.00	EA	3,936.00	1,000.00	10,000.00				
TRANSITION BETWEEN STANDARD (NJ) CONCRETE BARRIER AND SINGLE-SLOPE CONCRETE BARRIER			7,872.00	2,000.00	20,000.00				
606.9002 M	2.00	EA	3,936.00	1,000.00	10,000.00				
TRANSITION BETWEEN WIDE AND NORMAL SINGLE SLOPE CONCRETE MEDIAN BARRIER			7,872.00	2,000.00	20,000.00				
11606.901105 M	2.00	EA	927.00	1,000.00	10,000.00				
TRANSITION FROM WIDE SINGLE SLOPE CMB TO SINGLE SLOPE HALF SECTION BARRIERS SURROUNDING THE COLUMN			1,854.00	2,000.00	20,000.00				
607.0513 M	210.00	M	365.00	185.00	330.00				
VINYL COATED STEEL CHAIN-LINK FENCE ON PLASTIC COATED FRAME WITH TOPRAIL 2440 MILLMETER HIGH			76,650.00	38,850.00	69,300.00				
607.1642 M	1.00	EA	365.00	3,400.00	2,200.00				
VINYL COATED STEEL FENCE GATE ON PLASTIC COATED FRAMES (SINGLE LEAF AT 3660 MILLIMETER OPENING, 2440			365.00	3,400.00	2,200.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
607.1662 M	1.00	EA	365.00	3,500.00	2,900.00				
VINYL COATED STEEL FENCE GATE ON PLASTIC COATED FRAMES (DOUBLE LEAF 48880 MILLIMETER OPENING, 2440 M			365.00	3,500.00	2,900.00				
11607.21 M	1,317.00	M	35.00	40.00	25.00				
REMOVE AND DISPOSE OF CHAIN LINK FENCE			46,095.00	52,680.00	32,925.00				
607.3002 M	600.00	M	95.00	120.00	160.00				
OPTIONAL CHAIN LINK FENCE, TYPE I, WITH TOP RAIL (1830 MM HIGH)			57,000.00	72,000.00	96,000.00				
10607.3003 M	620.00	M	222.00	130.00	200.00				
STEEL CHAIN LINK FENCE WITH TOP RAIL, 2440 MM HIGH			137,640.00	80,600.00	124,000.00				
607.3103 M	745.00	M	95.00	125.00	180.00				
OPTIONAL CHAIN LINK FENCE, TYPE I, WITH TOP TENSION WIRE 2440 MM HIGH			70,775.00	93,125.00	134,100.00				
607.4001 29 M	73.00	M	290.00	1,300.00	720.00				
GALVANIZED POWDER COATED STEEL PICKET FENCE, 1.07 M HIGH			21,170.00	94,900.00	52,560.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
607.4002	29 M	1,050.00	M	423.00	1,400.00	650.00			
GALVANIZED POWDER COATED STEEL PICKET FENCE, 1.45 M HIGH			444,150.00	1,470,000.00	682,500.00				
607.4003	29 M	113.00	M	435.00	1,500.00	1,010.00			
GALVANIZED POWDER COATED STEEL PICKET FENCE, 1.71 M HIGH			49,155.00	169,500.00	114,130.00				
607.4004	29 M	402.00	M	521.00	1,700.00	2,070.00			
GALVANIZED POWDER COATED STEEL PICKET FENCE, 2.42 M HIGH			209,442.00	683,400.00	832,140.00				
607.4005	29 M	217.00	EA	377.00	3,300.00	1,600.00			
GALVANIZED POWDER COATED STEEL ORNAMENTAL GRILLE			81,809.00	716,100.00	347,200.00				
11607.4009	M	50.00	M	475.00	1,400.00	1,005.00			
STEEL PICKET FENCE			23,750.00	70,000.00	50,250.00				
607.4022	M	4.00	EA	2,084.00	7,500.00	1,690.00			
OPTIONAL FENCE GATE (SINGLE LEAF 1525 MILLIMETER OPENING, 2440 MILLIMETER HIGH)			8,336.00	30,000.00	6,760.00				
607.4066	M	10.00	EA	2,316.00	13,000.00	2,000.00			
OPTIONAL FENCE GATE (DOUBLE LEAF 6100 MILLIMETER OPENING, 1830 MILLIMETER HIGH)			23,160.00	130,000.00	20,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 51 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11607.980101 M	700.00	M	232.00	75.00	185.00				
TEMPORARY CHAIN LINK FENCING.			162,400.00	52,500.00	129,500.00				
608.0101 M	1,316.00	CM	753.00	1,200.00	500.00				
CONCRETE SIDEWALKS AND DRIVEWAYS			990,948.00	1,579,200.00	658,000.00				
608.020101 M	195.00	MT	174.00	250.00	250.00				
ASPHALT CONCRETE SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS			33,930.00	48,750.00	48,750.00				
608.020110 M	10.00	QU	116.00	100.00	100.00				
PLANT PRODUCTION QUALITY ADJUSTMENT TO 608.020101 M			1,160.00	1,000.00	1,000.00				
608.08 M	696.00	SQM	301.00	700.00	200.00				
GROUTED STONE BLOCK PAVED SIDEWALKS AND DRIVEWAYS (SAND SETTING BED)			209,496.00	487,200.00	139,200.00				
608.09 M	130.00	SQM	417.00	700.00	220.00				
GROUTED STONE BLOCK PAVED SIDEWALK AND DRIVEWAY (MORTAR SETTING BED)			54,210.00	91,000.00	28,600.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
608.12 M	515.00	SQM	186.00	200.00	180.00				
PRECAST CONCRETE BLOCK PAVED SIDEWALKS AND DRIVEWAYS (GRANULAR MATERIAL SETTING BED)			95,790.00	103,000.00	92,700.00				
608.21 M	69.00	SQM	348.00	500.00	400.00				
EMBEDDED DETECTABLE WARNIG UNITS			24,012.00	34,500.00	27,600.00				
609.0101 M	5.00	M	145.00	500.00	1,000.00				
STONE CURB (TYPE A)			725.00	2,500.00	5,000.00				
11609.0216 M	47.00	M	232.00	200.00	1,000.00				
STONE CURB (BLUESTONE)			10,904.00	9,400.00	47,000.00				
609.0901 M	155.00	M	99.00	400.00	160.00				
OPTIONAL CURB (PRECAST TYPE PVF150 OR CAST-IN-PLACE TYPE VF 150 OR GRANITE TYPE C)			15,345.00	62,000.00	24,800.00				
609.0903 M	726.00	M	53.00	400.00	160.00				
OPTIONAL CURB (PRECAST TYPE PT 100 OR CAST-IN-PLACE CONCRETE TYPE T 100)			38,478.00	290,400.00	116,160.00				
11609.260201 M	3,216.00	M	139.00	450.00	200.00				
CONCRETE CURB, STEEL FACED (NYC) TYPE D			447,024.00	1,447,200.00	643,200.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11609.2652 M	51.00	M	168.00	550.00	175.00				
STEEL FACING FOR CURB ON STRUCTURE (NYC) TYPE D			8,568.00	28,050.00	8,925.00				
610.0101M	390.00	KG	3.00	10.00	3.00				
APPLYING SOIL AMENDMENTS			1,170.00	3,900.00	1,170.00				
11610.0194 M	10.00	CM	70.00	100.00	57.00				
APPLYING COMPOST			700.00	1,000.00	570.00				
610.0203 M	4,400.00	SQM	3.00	2.00	5.00				
ESTABLISHING TURF			13,200.00	8,800.00	22,000.00				
611.010174 M	7.00	EA	1,274.00	700.00	800.00				
PLANTING MAJOR DECIDUOUS TREE SPECIES,(SEE CONTRACT DOCUMENTS) 80 MM CALIPER, B&B, NURSERY GROWN			8,918.00	4,900.00	5,600.00				
611.010184 M	32.00	EA	568.00	800.00	800.00				
PLANTING MAJOR DECIDUOUS TREE SPECIES, SEE CONTRACT DOCUMENTS, BALLED AND BURLAPPED, NURSERY GROWN			18,176.00	25,600.00	25,600.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
611.010194 M	49.00	EA	1,390.00	1,000.00	800.00				
PLANTING MAJOR DECIDUOUS TREE SPECIES, (SEE CONTRACT DOCUMENTS) 100 MM CALIPER, B&B, NURSERY GROWN			68,110.00	49,000.00	39,200.00				
611.020115 M	7.00	EA	1,042.00	1,500.00	800.00				
PLANTING MAJOR DECIDUOUS TREE SPECIES, (SEE CONTRACT DOCUMENTS) OTHER SIZE (AS SPECIFIED) CONTAINER,			7,294.00	10,500.00	5,600.00				
611.020143 M	28.00	EA	290.00	120.00	350.00				
PLANTING MINOR DECIDUOUS TREE SPECIES, 1.5 M HEIGHT, B & B			8,120.00	3,360.00	9,800.00				
611.020193 M	46.00	EA	984.00	300.00	550.00				
PLANTING MINOR DECIDUOUS TREE SPECIES, (SEE CONTRACT DOCUMENTS) 45 MM CALIPER, B&B NURSERY GROWN, SP			45,264.00	13,800.00	25,300.00				
611.030113 M	36.00	EA	1,274.00	1,000.00	650.00				
PLANTING CONIFEROUS TREE SPECIES (SEE CONTRACT DOCUMENTS) AS SPECIFIED (BALLED AND BURLAPPED, NURSER			45,864.00	36,000.00	23,400.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
611.030173 M	55.00	EA	319.00	600.00	650.00				
PLANTING CONIFEROUS TREE SPECIES (SEE CONTRACT DOCUMENT) 2,75 M HEIGHT B&B, NURSERY GROWN			17,545.00	33,000.00	35,750.00				
611.040153 M	144.00	EA	82.00	200.00	50.00				
PLANTING DECIDUOUS SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 0.90 METER HEIGHT/SPREAD CONTAINER /POT			11,808.00	28,800.00	7,200.00				
611.040162 M	90.00	EA	93.00	300.00	50.00				
PLANTING DECIDUOUS SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 1.25 METER HEIGHT/SPREAD BALLED & BURLAPPE			8,370.00	27,000.00	4,500.00				
611.040163 M	72.00	EA	105.00	300.00	50.00				
PLANTING DECIDUOUS SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 1.25 METER HEIGHT/SPREAD CONTAINER/POT			7,560.00	21,600.00	3,600.00				
611.050142 M	35.00	EA	105.00	200.00	85.00				
PLANTING EVERGREEN SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 0.60 METER HEIGHT/SPREAD POT OR CONTAINER			3,675.00	7,000.00	2,975.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
611.050162 M	174.00	EA	128.00	200.00	85.00				
PLANTING EVERGREEN SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 0.90 METER SPREAD/HEIGHT, POT GROWN (OR CO			22,272.00	34,800.00	14,790.00				
611.050181 M	28.00	EA	151.00	300.00	65.00				
PLANTING EVERGREEN SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 1.25 METER HEIGHT/SPREAD, BALLED AND BURLA			4,228.00	8,400.00	1,820.00				
611.060111 M	2,600.00	EA	2.00	4.00	3.00				
PLANTING VINES AND GROUNDCOVER SPECIES AS SPECIFIED, POT GROWN (OR CONTAINER GROWN)			5,200.00	10,400.00	7,800.00				
611.060151 M	9,030.00	EA	2.00	4.00	3.00				
PLANTING VINES AND GROUNDCOVER SPECIES (SEE CONTRACT DOCUMENTS) #1 CONTAINER POT OR CONTAINER GROWN			18,060.00	36,120.00	27,090.00				
611.070111 M	409.00	EA	25.00	20.00	55.00				
PLANTING-SPECIAL PLANT MATERIAL (SEE CONTRACT DOCUMENTS) AS SPECIFIED, CONTAINER GRWN			10,225.00	8,180.00	22,495.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
612.01 M	1,125.00	SQM	25.00	10.00	20.00				
SODDING INCLUDING TOP SOIL BED			28,125.00	11,250.00	22,500.00				
612.0201 M	100.00	SQM	12.00	10.00	7.00				
CLASS 1 TYPE A EROSION CONTROL MATERIAL			1,200.00	1,000.00	700.00				
613.0101 M	1,375.00	CM	70.00	200.00	55.00				
TOPSOIL			96,250.00	275,000.00	75,625.00				
11613.0101 M	300.00	CM	119.00	200.00	145.00				
TOPSOIL URBAN PLANTING MIX			35,700.00	60,000.00	43,500.00				
08614.01 M	25.00	M	174.00	200.00	25.00				
TREE ROOT PRUNING			4,350.00	5,000.00	625.00				
11614.01 M	330.00	SQM	24.00	15.00	25.00				
TREE ROOT ZONE TREATMENT (VERTICAL MULCHING/AERATION)			7,920.00	4,950.00	8,250.00				
614.0113 M	28.00	EA	579.00	300.00	200.00				
CARE OF TREES - UP TO 0.3 M DIAMETER BREAST HIGH - PRUNING AND FERTILIZING			16,212.00	8,400.00	5,600.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
614.0123 M	20.00	EA	869.00	400.00	250.00				
CARE OF TREES - OVER 0.3 M TO 0.6 M DIAMETER BREAST HIGH - PRUNING AND FERTILIZING			17,380.00	8,000.00	5,000.00				
614.0133 M	16.00	EA	1,448.00	1,000.00	350.00				
CARE OF TREES - OVER 0.6 M TO 0.9 M DIAMETER BREAST HIGH - PRUNING AND FERTILIZING			23,168.00	16,000.00	5,600.00				
614.0143 M	15.00	EA	1,737.00	1,300.00	430.00				
CARE OF TREES - OVER 0.9 M TO 1.25 M DIAMETER BREAST HIGH - PRUNING AND FERTILIZING			26,055.00	19,500.00	6,450.00				
614.0314 M	7.00	EA	273.00	300.00	200.00				
TREE REMOVAL - UP TO 150 MM DIAMETER BREAST HIGH STUMPS GRUBBED			1,911.00	2,100.00	1,400.00				
614.0322 M	7.00	EA	579.00	200.00	225.00				
TREE REMOVAL OVER 150 MM TO 300 MM DIAM. BREAST HIGH STUMP CUT FLUSH			4,053.00	1,400.00	1,575.00				
614.0324 M	8.00	EA	365.00	700.00	300.00				
TREE REMOVAL - OVER 150 MM TO 300 MM DIAMETER BREAST HIGH STUMPS GRUBBED			2,920.00	5,600.00	2,400.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 59 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



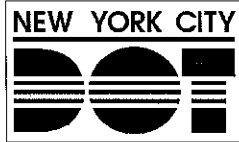
MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
614.0331 M	2.00	EA	869.00	800.00	450.00				
TREE REMOVAL OVER 300 MM TO 450 MM DIAM. BREAST HIGH STUMP CUT TO ABOVE GRADE			1,738.00	1,600.00	900.00				
614.0334 M	3.00	EA	649.00	1,000.00	500.00				
TREE REMOVAL - OVER 300 MM TO 450 MM DIAMETER BREAST HIGH STUMPS GRUBBED			1,947.00	3,000.00	1,500.00				
614.0342 M	4.00	EA	1,158.00	1,100.00	650.00				
TREE REMOVAL OVER 450 MM TO 600 MM DIAM. BREAST HIGH STUMR CUT FLUSH			4,632.00	4,400.00	2,600.00				
614.0352 M	5.00	EA	1,737.00	1,400.00	750.00				
TREE REMOVAL OVER 600 MM TO 900 MM DIAM. BREAST HIGH STUMP CUT FLUSH			8,685.00	7,000.00	3,750.00				
614.0394 M	4.00	EA	579.00	800.00	500.00				
TREE REMOVAL EXISTING STUMP, STUMPS GRUBBED			2,316.00	3,200.00	2,000.00				
11615.02 M	4,400.00	SQM	24.00	5.00	9.00				
REMEDICATION OF DISTURBED SOIL			105,600.00	22,000.00	39,600.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 60 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
615.03 M	3,160.00	KL	24.00	10.00	27.00				
WATERING VEGETATION			75,840.00	31,600.00	85,320.00				
02615.0301 M	65.00	SQM	85.00	100.00	120.00				
ROOT CONTROL BARRIER			5,525.00	6,500.00	7,800.00				
10615.0320 M	161.00	EA	90.00	100.00	150.00				
PORTABLE DRIP IRRIGATION SYSTEM			14,490.00	16,100.00	24,150.00				
01615.1004 M	4.00	EA	984.00	3,000.00	2,000.00				
INTERPETIVE EXHIBIT PANEL			3,936.00	12,000.00	8,000.00				
11615.11 M	13.00	EA	406.00	2,000.00	1,000.00				
REMOVE AND RESET BOLLARDS			5,278.00	26,000.00	13,000.00				
09615.16 M	30.00	CM	33.00	30.00	70.00				
MULCHING			990.00	900.00	2,100.00				
04615.93 M	2.00	EA	1,158.00	4,000.00	1,500.00				
METAL PIPE BICYCLE RACK			2,316.00	8,000.00	3,000.00				
619.0101 M	18.00	MO	3,879.00	50,000.00	45,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			69,822.00	900,000.00	810,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
619.0102 M	8.00	MO	289,407.00	50,000.00	15,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			2,315,256.00	400,000.00	120,000.00				
619.0103 M	1.00	MO	30,099.00	50,000.00	30,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			30,099.00	50,000.00	30,000.00				
619.0104 M	8.00	MO	289,407.00	50,000.00	20,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			2,315,256.00	400,000.00	160,000.00				
619.0105 M	2.00	MO	312,559.00	50,000.00	10,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			625,118.00	100,000.00	20,000.00				
619.0106 M	4.00	MO	289,407.00	50,000.00	12,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			1,157,628.00	200,000.00	48,000.00				
619.0107 M	12.00	MO	289,407.00	50,000.00	12,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			3,472,884.00	600,000.00	144,000.00				
619.0108 M	7.00	MO	20,838.00	700.00	2,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			145,866.00	4,900.00	14,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
619.0109 M	1.00	LS	20,838.00	5,000.00	4,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			20,838.00	5,000.00	4,000.00				
619.0110 M	1.00	MO	20,838.00	5,000.00	3,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			20,838.00	5,000.00	3,000.00				
619.0111 M	5.00	MO	20,838.00	1,000.00	3,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			104,190.00	5,000.00	15,000.00				
619.0112 M	32.00	MO	11,577.00	160.00	2,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			370,464.00	5,120.00	64,000.00				
619.0113 M	2.00	MO	20,838.00	2,500.00	1,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			41,676.00	5,000.00	2,000.00				
619.0114 M	1.00	MO	20,838.00	5,000.00	1,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			20,838.00	5,000.00	1,000.00				
619.0115 M	4.00	MO	20,838.00	1,250.00	1,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			83,352.00	5,000.00	4,000.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
619.0116 M	1.00	LS	1,122,897.00	1,500,000.00	50,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			1,122,897.00	1,500,000.00	50,000.00				
619.0117 M	1.00	LS	12,734.00	120,000.00	20,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			12,734.00	120,000.00	20,000.00				
619.0118 M	1.00	LS	13,892.00	10,000.00	30,000.00				
BASIC MAINTENANCE AND PROTECTION OF TRAFFIC			13,892.00	10,000.00	30,000.00				
619.02 M	411.00	SQM	157.00	2,000.00	1,200.00				
CONSTRUCTION SIGNS			64,527.00	822,000.00	493,200.00				
619.0303 M	1.00	LS	208,373.00	90,000.00	100,000.00				
FLASHING ARROW BOARDS			208,373.00	90,000.00	100,000.00				
619.0413 M	350.00	M	64.00	400.00	50.00				
TYPE III CONSTRUCTION BARRICADES			22,400.00	140,000.00	17,500.00				
619.0502 M	350.00	M	29.00	100.00	100.00				
LIGHTING FOR CONSTRUCTION BARRICADES			10,150.00	35,000.00	35,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
10619.0599 M	7,150.00	M	44.00	200.00	100.00				
LIGHTING FOR TEMPORARY CONCRETE BARRIERS			314,600.00	1,430,000.00	715,000.00				
619.0601 M	1.00	EA	4,514,738.00	4,000,000.00	14,000,000.00				
TEMPORARY STRUCTURES AND APPROACHES, NO. 1			4,514,738.00	4,000,000.00	14,000,000.00				
619.0602 M	1.00	EA	532,508.00	700,000.00	1,000,000.00				
TEMPORARY STRUCTURES AND APPROACHES, NO. 2			532,508.00	700,000.00	1,000,000.00				
619.0603 M	1.00	EA	104,187.00	400,000.00	1,000,000.00				
TEMPORARY STRUCTURES AND APPROACHES, NO. 3			104,187.00	400,000.00	1,000,000.00				
619.0605 M	1.00	EA	289,407.00	650,000.00	1,000,000.00				
TEMPORARY STRUCTURES AND APPROACHES, NO. 5			289,407.00	650,000.00	1,000,000.00				
619.0606 M	1.00	EA	48,621.00	75,000.00	100,000.00				
TEMPORARY STRUCTURES AND APPROACHES, NO. 6			48,621.00	75,000.00	100,000.00				
619.0607 M	1.00	EA	48,621.00	50,000.00	150,000.00				
TEMPORARY STRUCTURES AND APPROACHES NO 7			48,621.00	50,000.00	150,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
619.0608 M	1.00	EA	48,621.00	50,000.00	150,000.00				
TEMPORARY STRUCTURES AND APPROACHES NO 8			48,621.00	50,000.00	150,000.00				
619.0609 M	1.00	EA	48,621.00	50,000.00	150,000.00				
TEMPORARY STRUCTURES AND APPROACHES NO 9			48,621.00	50,000.00	150,000.00				
619.0610 M	1.00	EA	48,621.00	275,000.00	200,000.00				
TEMPORARY STRUCTURES AND APPROACHES NO 10			48,621.00	275,000.00	200,000.00				
619.0611 M	1.00	EA	48,621.00	275,000.00	200,000.00				
TEMPORARY STRUCTURES AND APPROACHES NO 11			48,621.00	275,000.00	200,000.00				
619.0612 M	1.00	EA	96,100.00	800,000.00	1,500,000.00				
TEMPORARY STRUCTURES AND APPROACHES NO 12			96,100.00	800,000.00	1,500,000.00				
619.13 M	1.00	LS	10,000.00	40,000.00	133,000.00				
TEMPORARY TRAFFIC SIGNALS			10,000.00	40,000.00	133,000.00				
619.16 M	24.00	INTM	5,557.00	500.00	500.00				
MAINTAIN TRAFFIC SIGNAL EQUIPMENT			133,368.00	12,000.00	12,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
619.17 M	7,360.00	M	64.00	300.00	150.00				
TEMPORARY CONCRETE BARRIER			471,040.00	2,208,000.00	1,104,000.00				
619.20 10 M	64.00	M	232.00	1,000.00	300.00				
QWICK KURB TRAFFIC SEPARATOR SYSTEM			14,848.00	64,000.00	19,200.00				
619.2101 M	20,200.00	M	3.50	2.00	2.20				
CONSTRUCTION ZONE PAVEMENT MARKING STRIPES (OPTIONAL)			70,700.00	40,400.00	44,440.00				
619.2102 M	68.00	EA	54.00	50.00	50.00				
CONSTRUCTION ZONE PAVEMENT MARKING LETTERS (OPTIONAL)			3,672.00	3,400.00	3,400.00				
619.2103 M	32.00	EA	99.00	65.00	65.00				
CONSTRUCTION ZONE PAVEMENT MARKING SYMBOLS (OPTIONAL)			3,168.00	2,080.00	2,080.00				
619.2104 M	5,320.00	M	4.10	4.50	5.00				
CONSTRUCTION ZONE PAVEMENT MARKING STRIPES - REMOVABLE TAPE			21,812.00	23,940.00	26,600.00				
11619.2298 M	1.00	FPLS	2,500,000.00	2,500,000.00	2,500,000.00				
TRAFFIC ENFORCEMENT AGENTS			2,500,000.00	2,500,000.00	2,500,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
15619.27 M	4.00	EA	17,365.00	100,000.00	20,000.00				
NINE BAY TRACC CRASH CUSHION FOR CONSTRUCTION ZONE			69,460.00	400,000.00	80,000.00				
11619.6070 M	1,000.00	M	87.00	85.00	105.00				
CHAIN-LINK FENCING ON TEMPORARY CONCRETE BARRIER 1520 MM HIGH			87,000.00	85,000.00	105,000.00				
11619.607488 M	4.00	EA	174.00	2,500.00	3,250.00				
TEMPORARY CHAIN LINK FENCE GATE, 4.88 M WIDTH, 2.44 M HEIGHT			696.00	10,000.00	13,000.00				
619.6076 10 M	211.00	M	53.00	100.00	295.00				
TEMPORARY CHAIN LINK FENCE, 1830 MM HIGH			11,183.00	21,100.00	62,245.00				
15619.6801 M	30.00	EA	533.00	800.00	1,000.00				
TEMPORARY INERTIAL BARRIER MODULE (90 KILOGRAMS)			15,990.00	24,000.00	30,000.00				
15619.6802 M	15.00	EA	464.00	1,000.00	1,200.00				
TEMPORARY INERTIAL BARRIER MODULE (181 KILOGRAMS)			6,960.00	15,000.00	18,000.00				
15619.6803 M	30.00	EA	440.00	1,100.00	1,200.00				
TEMPORARY INERTIAL BARRIER MODULE (320 KILOGRAMS)			13,200.00	33,000.00	36,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
15619.6804 M	15.00	EA	464.00	1,200.00	3,000.00				
TEMPORARY INERTIAL BARRIER MODULES (640 KILOGRAMS)			6,960.00	18,000.00	45,000.00				
15619.6805 M	30.00	EA	521.00	1,300.00	3,000.00				
TEMPORARY INERTIAL BARRIER MODULE (960 KILOGRAMS)			15,630.00	39,000.00	90,000.00				
11619.7001 M	310.00	M	232.00	4,000.00	2,700.00				
SAFETY SHIELDS OVER RAILROAD TRACKS			71,920.00	1,240,000.00	837,000.00				
11619.9001 M	48.00	HR	70.00	200.00	100.00				
TOW TRUCK SERVICE			3,360.00	9,600.00	4,800.00				
63620.0402 M	1,800.00	CM	76.00	260.00	200.00				
STONE FILLING (MEDIUM), EMERGENCY STANDBY CONTRACT WORK, QUALITY RANGE 2 (50 TO 199.9)			136,800.00	468,000.00	360,000.00				
620.08 M	12.00	CM	70.00	50.00	400.00				
BEDDING MATERIAL			840.00	600.00	4,800.00				
620.61 17 M	54.00	CM	105.00	1,000.00	300.00				
REPAIR OR RESET EXISTING DRY RYP-RAP			5,670.00	54,000.00	16,200.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



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<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
623.12 M	257.00	CM	53.00	70.00	500.00				
CRUSHED STONE (IN PLACE MEASURE)			13,621.00	17,990.00	128,500.00				
625.01 M	1.00	LS	2,540,987.00	3,900,000.00	7,000,000.00				
SURVEY AND STAKEOUT			2,540,987.00	3,900,000.00	7,000,000.00				
632.0102 M	1,837.00	SQM	579.00	800.00	400.00				
CONCRETE CRIBBING (PRECAST CONCRETE WALL UNIT TYPE)			1,063,623.00	1,469,600.00	734,800.00				
632.0502 M	2,447.00	CM	24.00	120.00	100.00				
EXCAVATION FOR CONCRETE CRIBBING (PRECAST CONCRETE WALL UNIT TYPE)			58,728.00	293,640.00	244,700.00				
632.0602 M	4,337.00	CM	47.00	300.00	150.00				
BACKFILL FOR CONCRETE CRIBBING (PRECAST CONCRETE WALL UNIT TYPE)			203,839.00	1,301,100.00	650,550.00				
632.15 07 M	40.00	SQM	545.00	1,500.00	1,500.00				
RELOCATING EXISTING ORNAMENTAL OR DECORATIVE SEGMENTAL BLOCK WALL			21,800.00	60,000.00	60,000.00				
632.15 17 M	500.00	SQM	608.00	750.00	750.00				
SEGMENTAL BLOCK RETAINING WALL SYSTEM			304,000.00	375,000.00	375,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 70 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
03634.0705 M	1,045.00	M	753.00	10.00	10.00				
TELEVISION INSPECTION OF STORM SEWER			786,885.00	10,450.00	10,450.00				
14634.1002 M	22.00	EA	40,517.00	25,000.00	30,000.00				
PORTABLE VARIABLE MESSAGE DISPLAY			891,374.00	550,000.00	660,000.00				
29634.1836 M	1.00	FPLS	2,500,000.00	2,500,000.00	2,500,000.00				
BRIDGE FLAG REPAIRS			2,500,000.00	2,500,000.00	2,500,000.00				
29634.1837 M	1.00	FPLS	1,500,000.00	1,500,000.00	1,500,000.00				
INCIDENTAL REPAIRS			1,500,000.00	1,500,000.00	1,500,000.00				
09634.82 M	1.00	LS	28,941.00	500,000.00	500,000.00				
SANITARY SEWER STATION			28,941.00	500,000.00	500,000.00				
29634.9355 M	1.00	FPLS	3,500,000.00	3,500,000.00	3,500,000.00				
REPAIRS TO BRIDGES AND APPROACHES FROM IT OPENING TO TRAFFIC, TO FINAL CONTRACT ACCEPTANCE (8.12.98)			3,500,000.00	3,500,000.00	3,500,000.00				
634.9901 17 M	1.00	LS	5,789.00	200,000.00	100,000.00				
BUILDING CONDITION SURVEY			5,789.00	200,000.00	100,000.00				

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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
634.9902	17 M	1.00	LS	57,882.00	400,000.00	100,000.00			
VIBRATION MONITORING (NONBLASTING)			57,882.00	400,000.00	100,000.00				
635.0103	M	4,500.00	M	1.20	2.00	2.00			
CLEANING AND PREPARATION OF PAVEMENT SURFACES- LINES			5,400.00	9,000.00	9,000.00				
637.03	M	6.00	EA	2,432.00	3,000.00	4,000.00			
CONCRETE CYLINDER CURING BOX			14,592.00	18,000.00	24,000.00				
637.0901	29 M	72.00	MO	11,577.00	25,000.00	40,000.00			
ENGINEER'S FIELD OFFICE			833,544.00	1,800,000.00	2,880,000.00				
637.10	M	1.00	FPLS	7,000.00	7,000.00	7,000.00			
CHAMP MANAGEMENT SYSTEM			7,000.00	7,000.00	7,000.00				
637.11	M	60.00	MO	1,390.00	5,000.00	7,000.00			
ENGINEER'S OFFICE-TYPE 1			83,400.00	300,000.00	420,000.00				
637.33	M	60.00	MO	9,261.00	1,000.00	8,000.00			
INSPECTION BOAT-TYPE B			555,660.00	60,000.00	480,000.00				
637.3551	20 M	1.00	LS	422,534.00	10,000.00	300,000.00			
CPM SCHEDULING			422,534.00	10,000.00	300,000.00				

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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
15637.98 M	1.00	FPLS	100,000.00	100,000.00	100,000.00				
PARTNERING WORKSHOP			100,000.00	100,000.00	100,000.00				
644.11 M	2,141.00	KG	12.00	12.00	25.00				
ANCHOR BOLT			25,692.00	25,692.00	53,525.00				
644.20 M	3.00	CM	2,779.00	15,000.00	20,000.00				
DRILLED SHAFTS FOR OVERHEAD SIGN STRUCTURES			8,337.00	45,000.00	60,000.00				
644.30 M	54.00	CM	1,795.00	3,000.00	2,000.00				
RECTANGULAR FOOTING FOR OVERHEAD SIGN STRUCTURE			96,930.00	162,000.00	108,000.00				
644.410508 M	1.00	EA	23,153.00	21,000.00	21,000.00				
SINGLE ARM CANTILEVER SIGN STRUCTURE (5M ARM, 08SM SIGN AREA)			23,153.00	21,000.00	21,000.00				
644.410803 M	1.00	EA	28,941.00	50,000.00	38,000.00				
SINGLE ARM CANTILEVER SIGN STRUCTURE (8M ARM, 20SM SIGN AREA)			28,941.00	50,000.00	38,000.00				
644.420820 M	2.00	EA	55,566.00	60,000.00	57,000.00				
TRUSSED ARM CANTILEVER SIGN STRUCTURE (8M ARM, 20SM SIGN AREA)			111,132.00	120,000.00	114,000.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 73 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
644.431560 M	1.00	EA	104,187.00	80,000.00	100,000.00				
SINGLE SPAN SIGN STRUCTURE (15M MAX. SPAN, 60M MAX. SIGN AREA)			104,187.00	80,000.00	100,000.00				
644.432090 M	1.00	EA	125,024.00	100,000.00	135,000.00				
SINGLE SPAN STRUCTURE (20M MAX ARM, 90M MAX SIGN AREA)			125,024.00	100,000.00	135,000.00				
644.432560 M	2.00	EA	104,187.00	100,000.00	128,000.00				
SINGLE SPAN SIGN STRUCTURE (25M MAX. SPAN, 60MM MAX. SIGN AREA)			208,374.00	200,000.00	256,000.00				
645.45 06 M	1.00	EA	4,631.00	5,000.00	60,000.00				
BRONZE PLAQUE			4,631.00	5,000.00	60,000.00				
645.7101 M	6.00	SQM	840.00	1,000.00	700.00				
GROUND MOUNTED SIGN PANEL, MUTCD CODES R,P,W AND M CLASS 1, UP TO 460MM			5,040.00	6,000.00	4,200.00				
645.7102 M	28.00	SQM	695.00	400.00	800.00				
GROUND MOUNTED SIGN PANEL, MUTCD CODES R,P,W AND M CLASS 2, 461MM TO 762MM			19,460.00	11,200.00	22,400.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
645.7103 M	21.00	SQM	666.00	600.00	1,000.00				
GROUND MOUNTED SIGN PANEL, MUTCD CODES R,P,W AND M CLASS 3, 763 TO 1625 MM			13,986.00	12,600.00	21,000.00				
645.7104 M	5.00	SQM	579.00	800.00	1,600.00				
GROUND MOUNTED SIGN PANEL, MUTCD CODES R,P,W AND M (GREATER THAN 1625 MM)			2,895.00	4,000.00	8,000.00				
645.74 M	98.00	SQM	927.00	1,000.00	500.00				
OVERHEAD MOUNTED SIGN PANELS, MUTCD CODES G AND I			90,846.00	98,000.00	49,000.00				
645.76M	198.00	SQM	1,066.00	800.00	500.00				
ILLUMINATED SIGN PANELS			211,068.00	158,400.00	99,000.00				
645.78 M	56.00	SQM	753.00	600.00	700.00				
HIGH-VISIBILITY OVERHEAD-MOUNTED PANEL, MUTCD CODES R,P,W, AND M			42,168.00	33,600.00	39,200.00				
645.81 M	44.00	EA	209.00	200.00	305.00				
TYPE A SIGN SUPPORT SYSTEM			9,196.00	8,800.00	13,420.00				
645.85 M	20.00	EA	116.00	300.00	170.00				
POLE MOUNTED SIGN SUPPORT SYSTEM (BAND MOUNTED)			2,320.00	6,000.00	3,400.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
647.01 M	22.00	EA	130.00	250.00	200.00				
REMOVAL OF SIGNS - SIZE A (0.0 - 1.0 SQM)			2,860.00	5,500.00	4,400.00				
647.02 M	4.00	EA	194.00	300.00	250.00				
REMOVAL OF SIGNS - SIZE B (1.1 SQM TO 2.0 SQM)			776.00	1,200.00	1,000.00				
647.11 M	3.00	EA	579.00	400.00	500.00				
RELOCATING SIGNS - SIZE A (0.0 TO 1.0 SQM)			1,737.00	1,200.00	1,500.00				
647.13M	1.00	EA	1,158.00	600.00	1,020.00				
RELOCATING SIGNS SIZE C (2.1 TO 4.0 SM)			1,158.00	600.00	1,020.00				
647.18 M	22.00	EA	1,737.00	1,100.00	2,520.00				
REMOVAL OF OVERHEAD SIGN PANELS			38,214.00	24,200.00	55,440.00				
647.20 M	1.00	EA	4,052.00	15,000.00	4,000.00				
REMOVAL OF CANTILEVER SIGN STRUCTURE			4,052.00	15,000.00	4,000.00				
647.21M	5.00	EA	11,577.00	16,000.00	10,110.00				
REMOVAL OF SINGLE SPAN SIGN STRUCTURE			57,885.00	80,000.00	50,550.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
648.15 M	152.00	M	215.00	950.00	2,000.00				
ROCK CORE DRILLING NX			32,680.00	144,400.00	304,000.00				
648.1701 M	31.00	EA	2,200.00	170.00	3,000.00				
FURNISHING EQUIPMENT FOR MAKING BORINGS			68,200.00	5,270.00	93,000.00				
648.1801 M	6.00	EA	4,631.00	6,000.00	15,000.00				
FURNISHING EQUIPMENT FOR MAKING BORINGS ON WATER			27,786.00	36,000.00	90,000.00				
650.51360117 M	60.00	M	5,789.00	13,000.00	15,000.00				
TRENCHLESS INSTALLATION OF CASING UNDER RAILROAD, 36 NPS			347,340.00	780,000.00	900,000.00				
11651.0105 M	55.00	M	105.00	160.00	100.00				
FIRE ALARM CONDUIT, HOT-DIPPED GALVANIZED STEEL PIPE (NYC) 51 MM DIAMETER			5,775.00	8,800.00	5,500.00				
654.113604 M	1.00	EA	20,838.00	30,000.00	15,000.00				
IMPACT ATTENUATOR, QUAD BEAM TYPE WITH EXPENDABLE MODULUS, EXISTING FOUNDATION, 36 WIDTH CLASS, 4 BA			20,838.00	30,000.00	15,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 77 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
654.113605 M	3.00	EA	23,153.00	30,000.00	15,000.00				
IMPACT ATTENUATOR, QUAD BEAM TYPE WITH EXPENDABLE MODULUS, EXISTING FOUNDATION, 36 WIDTH CLASS, 5 BA			69,459.00	90,000.00	45,000.00				
654.119004 M	1.00	EA	23,153.00	30,000.00	15,000.00				
IMPACT ATTENUATOR, QUAD BEAM TYPE WITH EXPENDABLE MODULUS, EXISTING FOUNDATION, 90 WIDTH CLASS, 4 BA			23,153.00	30,000.00	15,000.00				
654.12 M	1.00	EA	2,316.00	15,000.00	15,000.00				
IMPACT ATTENUATOR, QUAD BEAM TYPE WITH EXPANDABLE MODULES, REMOVE AND DISPOSE			2,316.00	15,000.00	15,000.00				
655.0101 M	94.00	SQM	1,332.00	4,000.00	2,000.00				
FRAMES AND GRATES (CASTINGS)			125,208.00	376,000.00	188,000.00				
655.0501 M	37.00	SQM	1,448.00	1,500.00	120.00				
STEEL FABRICATED GRATES IN CAST FRAMES			53,576.00	55,500.00	4,440.00				
11655.17 M	40.00	EA	678.00	3,000.00	1,000.00				
RESETTING EXISTING UTILITY SERVICE FRAMES			27,120.00	120,000.00	40,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
656.01 M	28,940.00	KG	14.00	10.00	7.00				
MISCELLANEOUS METALS			405,160.00	289,400.00	202,580.00				
657.1201 29 M	1.00	LS	347,288.00	1,500,000.00	500,000.00				
AUXILIARY BRIDGE OPERATOR (ABO) HOUSE			347,288.00	1,500,000.00	500,000.00				
657.1202 29 M	1.00	LS	428,322.00	1,100,000.00	500,000.00				
CONTROL HOUSE			428,322.00	1,100,000.00	500,000.00				
11660.0102 M	32.00	M	84.00	90.00	85.00				
CONDUIT, HOT DIPPED GALVANIZED STEEL PIPE (B.G.&E.) 0.75 NPS			2,688.00	2,880.00	2,720.00				
11660.0105 M	457.00	M	139.00	120.00	100.00				
CONDUIT, HOT DIPPED GALVANIZED STEEL PIPE (B.G.&E.) 1.5 NPS			63,523.00	54,840.00	45,700.00				
11660.0106 M	4,927.00	M	192.00	160.00	100.00				
CONDUIT, HOT DIPPED GALVANIZED STEEL PIPE (B.G.&E.) 2.0 NPS			945,984.00	788,320.00	492,700.00				
11660.0108 M	1,513.00	M	186.00	240.00	125.00				
CONDUIT, HOT DIPPED GALVANIZED STEEL PIPE (B.G.&E.) 3 NPS			281,418.00	363,120.00	189,125.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11660.0110 M	55.00	M	249.00	300.00	420.00				
CONDUIT, HOT DIPPED GALVANIZED STEEL PIPE (B.G.&E.) 4 NPS			13,695.00	16,500.00	23,100.00				
11660.0902 M	42.00	EA	2,895.00	3,000.00	800.00				
CONCRETE ROADWAY BOX, TYPE 2418 (BUREAU OF GAS AND ELECTRICITY)			121,590.00	126,000.00	33,600.00				
11660.0905 M	2.00	EA	4,405.00	5,000.00	600.00				
CONCRETE ROADWAY BOX, TYPE 3624 (BUREAU OF ELECTRICAL CONTROL)			8,810.00	10,000.00	1,200.00				
660.1201 29 M	1.00	LS	3,908,096.00	4,000,000.00	4,000,000.00				
BRIDGE ELECTRICAL EQUIPMENT			3,908,096.00	4,000,000.00	4,000,000.00				
660.1202 29 M	1.00	LS	484,004.00	1,000,000.00	1,000,000.00				
SUBMARINE CABLE EXCAVATION AND INSTALLATION			484,004.00	1,000,000.00	1,000,000.00				
660.1203 29 M	1.00	LS	1,041,805.00	600,000.00	1,000,000.00				
SUBMARINE CABLE INCLUDING TERMINAL CABINETS AND HARDWARE			1,041,805.00	600,000.00	1,000,000.00				
660.1204 29 M	1.00	EA	115,763.00	200,000.00	300,000.00				
ELECTRIC SERVICE VAULT			115,763.00	200,000.00	300,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
660.1205 29 M	1.00	LS	3,646,589.00	1,500,000.00	2,000,000.00				
BRIDGE CONTROL SYSTEM			3,646,589.00	1,500,000.00	2,000,000.00				
660.1206 29 M	1.00	LS	207,956.00	75,000.00	250,000.00				
SWING SPAN ACCEPTANCE TESTING			207,956.00	75,000.00	250,000.00				
660.1207 29 M	1.00	LS	57,882.00	100,000.00	75,000.00				
MACHINERY ROOM CRANE			57,882.00	100,000.00	75,000.00				
08660.3503 M	1.00	EA	2,316.00	80,000.00	50,000.00				
SANITARY SEWER SERVICE CONNECTIONS			2,316.00	80,000.00	50,000.00				
660.6001 29 M	1.00	FPLS	400,000.00	400,000.00	400,000.00				
BRONX CON EDISON SERVICE			400,000.00	400,000.00	400,000.00				
10660.97 M	4.00	M	2,084.00	10,000.00	2,500.00				
SANITARY SEWER MANHOLE			8,336.00	40,000.00	10,000.00				
11661.0302 M	5,331.00	M	11.58	16.00	12.00				
INSULATED CONDUCTOR, NO.12 (BUREAU OF GAS AND ELECTRICITY)			61,732.98	85,296.00	63,972.00				
11661.0303 M	60.00	M	11.60	20.00	15.00				
INSULATED CONDUCTOR, NO. 10 (BUREAU OF GAS AND ELECTRICITY)			696.00	1,200.00	900.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 81 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11661.0304 M	840.00	M	11.60	22.00	18.00				
INSULATED CONDUCTOR, NO.8 (BUREAU OF GAS AND ELECTRICITY)			9,744.00	18,480.00	15,120.00				
11661.0305 M	3,005.00	M	18.60	24.00	18.00				
INSULATED CONDUCTOR, NO.6 (BUREAU OF GAS AND ELECTRICITY)			55,893.00	72,120.00	54,090.00				
11661.0306 M	14,400.00	M	23.20	30.00	22.00				
INSULATED CONDUCTOR, NO.2 (BUREAU OF GAS AND ELECTRICITY)			334,080.00	432,000.00	316,800.00				
11661.0308 M	14,153.00	M	30.20	40.00	22.00				
INSULATED CONDUCTOR, NO.2/0 (BUREAU OF GAS AND ELECTRICITY)			427,420.60	566,120.00	311,366.00				
11661.0317 M	180.00	M	23.20	55.00	82.00				
INSULATED CONDUCTOR, NO.500 MCM (BUREAU OF GAS AND ELECTRICITY)			4,176.00	9,900.00	14,760.00				
11661.060901 M	740.00	M	17.40	30.00	20.00				
TEMPORARY OVERHEAD WIRING NO.6 AWG POLYETHYLENE COVERED (BG&E)			12,876.00	22,200.00	14,800.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 82 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
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COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11661.061101 M	7,600.00	M	29.00	70.00	20.00				
TEMPORARY OVERHEAD WIRING, NO. 2 AWG POLYETHYLENE COVERED (BUREAU OF GAS AND ELECTRICITY)			220,400.00	532,000.00	152,000.00				
11661.0804 M	8,340.00	M	53.00	30.00	4.00				
REMOVE TEMPORARY OVERHEAD WIRING (BUREAU OF GAS AND ELECTRICITY)			442,020.00	250,200.00	33,360.00				
11661.1003 M	2.00	EA	2,854.00	3,400.00	1,500.00				
CAST IRON FUSE BOX, 305MM X 305MM X 203MM, AND ELECTRICAL ELECTRICAL EQUIPMENT (BG&E)			5,708.00	6,800.00	3,000.00				
11661.1802 M	165.00	EA	10,419.00	1,500.00	2,530.00				
TEMPORARY CONCRETE BARRIER MOUNTED STREET LIGHTING			1,719,135.00	247,500.00	417,450.00				
11661.2101 M	3.00	EA	3,647.00	5,000.00	2,500.00				
TEMPORARY LIGHT POLE OR PYLON (BUREAU OF GAS AND ELECTRICITY)			10,941.00	15,000.00	7,500.00				
11661.2301 M	36.00	EA	406.00	400.00	450.00				
REMOVE TEMPORARY LIGHT POLE OR PYLON (BUREAU OF GAS AND ELECTRICITY)			14,616.00	14,400.00	16,200.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11661.2403 M	9.00	EA	579.00	800.00	450.00				
REMOVE BRACKET ARM ASSEMBLY (B.G.&E.)			5,211.00	7,200.00	4,050.00				
11661.250350 M	1.00	EA	13,892.00	12,000.00	15,000.00				
CONTROL CABINET, 3 RELAY FLUSH MOUNTED 762MM X 610MM X 254MM AND ELECTRIC EQUIPMENT (BEC)			13,892.00	12,000.00	15,000.00				
11661.3411 M	7.00	EA	1,048.00	5,000.00	750.00				
BARRIER FOUNDATION FOR ALUMINUM LAMPPOST WITHOUT TRANSFORMER BASE			7,336.00	35,000.00	5,250.00				
11661.3438 M	42.00	EA	1,274.00	4,000.00	2,000.00				
FOUNDATION FOR TYPES 8S.8T,12S AND 12T LAMPPOST WITH TRANSFORMER BASE (BEC)			53,508.00	168,000.00	84,000.00				
11661.9801 M	7.00	EA	1,621.00	6,200.00	5,000.00				
ELECTRICAL HANDHOLE FLUSH MOUNTED, NYC, CAST IRON 762X457X203 (BG&E) ON STRUCTURES			11,347.00	43,400.00	35,000.00				
03662.10 M	8.00	EA	869.00	22,000.00	50,000.00				
INSTALL PRECAST CONCRETE ELECTRIC MANHOLE (FURNISHED BY UTILITY COMPANY)			6,952.00	176,000.00	400,000.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
08662.830208 M	50.00	M	579.00	1,000.00	1,500.00				
INSTALL 8 NPS PLASTIC GAS MAIN PIPE OFF STRUCTURE (CON EDISON)			28,950.00	50,000.00	75,000.00				
663.0106 M	30.00	M	1,158.00	500.00	1,200.00				
DUCTILE IRON CEMENT LINED WATER PIPE, 6 NPS			34,740.00	15,000.00	36,000.00				
663.0108 M	180.00	M	1,187.00	600.00	1,500.00				
DUCTILE IRON CEMENT LINED WATER PIPE, 8 NPS			213,660.00	108,000.00	270,000.00				
663.0112 M	257.00	M	1,216.00	900.00	2,000.00				
DUCTILE IRON CEMENT LINED WATER PIPE, 12 NPS			312,512.00	231,300.00	514,000.00				
663.0604 M	18.00	M	122.00	350.00	500.00				
COPPER WATER SERVICE PIPE, 1NPS			2,196.00	6,300.00	9,000.00				
663.0805 M	18.00	M	139.00	350.00	500.00				
STEEL WATER SERVICE PIPE, 1-1/4 NPS			2,502.00	6,300.00	9,000.00				
663.1206 M	6.00	EA	1,274.00	2,500.00	2,500.00				
DOUBLE DISK GATE VALVE & VALVE BOX, 6 NPS			7,644.00	15,000.00	15,000.00				

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MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
663.1208 M	1.00	EA	1,332.00	2,500.00	2,600.00				
DOUBLE DISK GATE VALVE & VALVE BOX, 8 NPS			1,332.00	2,500.00	2,600.00				
663.1212 M	7.00	EA	2,026.00	2,500.00	2,700.00				
DOUBLE DISK GATE VALVE & VALVE BOX, 12 NPS			14,182.00	17,500.00	18,900.00				
663.1301 M	6.00	EA	2,895.00	15,000.00	12,000.00				
HYDRANT			17,370.00	90,000.00	72,000.00				
663.14 M	6.00	EA	869.00	2,000.00	1,000.00				
HYDRANT FENDER			5,214.00	12,000.00	6,000.00				
663.2001 M	342.00	KG	9.30	50.00	20.00				
IRON WATER MAIN FITTINGS (3NPS - 8NPS)			3,180.60	17,100.00	6,840.00				
663.2002 M	534.00	KG	9.90	25.00	20.00				
IRON WATER MAIN FITTINGS (10 NPS - 16 NPS)			5,286.60	13,350.00	10,680.00				
663.2504 M	1.00	EA	1,390.00	1,500.00	10,000.00				
WATER SERVICE CONNECTION, 1 NPS			1,390.00	1,500.00	10,000.00				
663.31 M	1.00	EA	5,673.00	15,000.00	10,000.00				
RELOCATE EXISTING HYDRANT			5,673.00	15,000.00	10,000.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 86 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
663.40 M	2.00	EA	1,737.00	1,500.00	2,000.00				
DISCONNECT AND CAP EXISTING WATER MAIN			3,474.00	3,000.00	4,000.00				
663.4108 M	30.00	M	174.00	500.00	200.00				
REMOVE AND DISPOSE OF EXISTING WATER MAIN, 8 NPS			5,220.00	15,000.00	6,000.00				
663.4112 M	200.00	M	417.00	800.00	350.00				
REMOVE AND DISPOSE OF EXISTING WATER MAIN, 12 NPS			83,400.00	160,000.00	70,000.00				
663.42 M	5.00	EA	984.00	750.00	500.00				
REMOVE AND DISPOSE OF EXISTING WATER VALVE AND VALVE BOX			4,920.00	3,750.00	2,500.00				
663.43 M	5.00	EA	984.00	1,000.00	5,000.00				
REMOVE AND DISPOSE OF EXISTING HYDRANT			4,920.00	5,000.00	25,000.00				
670.0112 M	34.00	EA	1,100.00	4,000.00	800.00				
FOUNDATION FOR LIGHT STANDARDS 1.2 METERS LONG			37,400.00	136,000.00	27,200.00				
07670.0302 M	3.00	EA	2,200.00	8,000.00	3,800.00				
REMOVE AND RELOCATE LAMPPOST ASSEMBLY			6,600.00	24,000.00	11,400.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11670.1058 M	31.00	EA	2,316.00	3,000.00	2,200.00				
FURNISH HOT DIPPED, GALVANIZED STEEL LAMPPOST WITH 2,4 METER ARM (WITH TRANSFORMER BASE) (BG&E)			71,796.00	93,000.00	68,200.00				
11670.1065 M	8.00	EA	869.00	2,000.00	1,000.00				
INSTALL LAMPPOST (BG&E) ALL SIZES			6,952.00	16,000.00	8,000.00				
10670.1105 M	1.00	EA	2,895.00	2,500.00	2,500.00				
ALUMINUM LIGHT POLE AND BASE, 4.57 M TOTAL HEIGHT WITH 914 MM MAST ARM			2,895.00	2,500.00	2,500.00				
11670.1120 M	51.00	EA	116.00	300.00	100.00				
LAMPPOST VIBRATION DAMPENING PADS			5,916.00	15,300.00	5,100.00				
11670.112505 M	42.00	EA	2,026.00	3,200.00	1,600.00				
ALUMINUM LAMPPOST CONSISTING OF 7.6M SHAFT AND 2.4M BRACKET ARM WITHOUT TRANSFORMER BASE			85,092.00	134,400.00	67,200.00				
11670.112506 M	33.00	EA	2,258.00	3,400.00	1,900.00				
ALUMINUM LAMPPOST CONSISTING OF 7.6M SHAFT AND 2.4M BRACKET ARM WITH TRANSFORMER BASE			74,514.00	112,200.00	62,700.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11670.112511 M	3.00	EA	3,126.00	3,500.00	2,000.00				
ALUMINUM LAMPPOST CONSISTING OF 7.6M SHAFT AND 2.4M TWIN ARM WITHOUT TRANSFORMER BASE			9,378.00	10,500.00	6,000.00				
11670.112512 M	7.00	EA	2,732.00	3,800.00	2,200.00				
ALUMINUM LAMPPOST CONSISTING OF 7.6M SHAFT AND 2.4M TWIN ARM WITH TRANSFORMER BASE			19,124.00	26,600.00	15,400.00				
670.1212 M	13.00	EA	348.00	600.00	1,000.00				
SIGLE MEMBER BRACKET ARM, 1.2 METER ARM LENGTH			4,524.00	7,800.00	13,000.00				
670.1224 M	2.00	EA	464.00	800.00	1,000.00				
ALUMINUM SINGLE MEMBER BRACKET ARM 2.4 M LONG			928.00	1,600.00	2,000.00				
11670.1314 M	6.00	EA	2,895.00	3,000.00	1,200.00				
FURNISH STEEL LAMPPOST, 4.3 M HIGH WITH 1.2 M ARM (BG&E)			17,370.00	18,000.00	7,200.00				
670.2001 M	10.00	M	151.00	90.00	160.00				
GALVANIZED STEEL CONDUIT, 3/4 NPS			1,510.00	900.00	1,600.00				
670.2003 M	100.00	M	157.00	160.00	275.00				
GALVANIZED STEEL CONDUIT, 2 NPS			15,700.00	16,000.00	27,500.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 89 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
670.2004 M	70.00	M	163.00	240.00	325.00				
3 NPS GALVANIZED STEEL CONDUIT			11,410.00	16,800.00	22,750.00				
670.2501 M	86.00	M	203.00	200.00	155.00				
FLEXIBLE CONDUIT, 3/4 NPS			17,458.00	17,200.00	13,330.00				
670.40 M	187.00	EA	2,895.00	3,800.00	2,500.00				
CAST IRON JUNCTION BOXES			541,365.00	710,600.00	467,500.00				
11670.402610 M	3.00	EA	20,954.00	25,000.00	20,000.00				
CONTROL CABINET, 6 RELAY, FLUSH MOUNTED, 914MM X 762MM X 305MM, AND ELECTRICAL EQUIPMENT (BEC)			62,862.00	75,000.00	60,000.00				
11670.410914 M	5.00	EA	3,473.00	1,500.00	1,000.00				
GALVANIZED STEEL NEMA-4 TYPE JUNCTION BOX, SURFACE MOUNTED, 254 MM X 254 MM X 203 MM			17,365.00	7,500.00	5,000.00				
11670.410915 M	1.00	EA	927.00	800.00	1,000.00				
GALVANIZED STEEL NEMA-4 TYPE JUNCTION BOX, SURFACE MOUNTED, 203 MM X 203 MM X 152 MM			927.00	800.00	1,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
670.501225 M	50.00	EA	1,737.00	630.00	230.00				
LUMINAIRE HIGH PRESSURE SODIUM VAPOR, STANDARD MOUNT, MEDIUM, SEMI-CUTOFF, 250 WATTS			86,850.00	31,500.00	11,500.00				
670.502101 M	1.00	EA	44.00	2,500.00	5,000.00				
LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, UNDERBRIDGE MOUNT, SHORT, CUTOFF, 1000 WATTS			44.00	2,500.00	5,000.00				
670.502125 M	8.00	EA	1,737.00	1,600.00	1,400.00				
LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, UNDERBRIDGE MOUNT, SHORT CUT-OFF (250 WATTS)			13,896.00	12,800.00	11,200.00				
11670.512115M	43.00	EA	1,563.00	1,100.00	1,000.00				
PENDANT UNDERDECK LUMINAIRE WITH 150 WATT HIGH PRESSURE SODIUM LAMP			67,209.00	47,300.00	43,000.00				
670.5171 11 M	23.00	EA	313.00	600.00	320.00				
100 WATT HPS COBRA HEAD LUMINAIRE WITH SOLID STATE BALLAST AND STRAY VOLTAGE INDICATOR LAMP			7,199.00	13,800.00	7,360.00				

1. * INDICATES ITEM PRICE OR AMOUNT HAS BEEN CORRECTED, SEE CORRECTION & ADJUSTMENTS REPORT FOR EXPLANATION

2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 91 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
670.5172 11 M	72.00	EA	464.00	800.00	310.00				
150 WATT HPS COBRA HEAD LUMINAIRE WITH SOLID STATE BALLAST AND STRAY VOLTAGE INDICATOR LAMP			33,408.00	57,600.00	22,320.00				
11670.540202 M	38.00	EA	1,274.00	800.00	1,320.00				
HIGH PRESSURE SODIUM UNDERDECK LUMINAIRES WITH BUILT-IN BALLAST - 100 WATT			48,412.00	30,400.00	50,160.00				
11670.540204 M	11.00	EA	788.00	800.00	1,210.00				
150 WATT HIGH PRESSURE SODIUM UNDERDECK LUMINAIRE			8,668.00	8,800.00	13,310.00				
670.60 M	42.00	EA	53.00	80.00	60.00				
PHOTOELECTRIC CONTROLS			2,226.00	3,360.00	2,520.00				
11670.6001 M	8.00	EA	87.00	400.00	20.00				
FURNISH PHOTOELECTRIC CONTROL UNIT (BG&E)			696.00	3,200.00	160.00				
11670.6002 M	8.00	EA	145.00	400.00	50.00				
INSTALL PHOTOELECTRIC CONTROL UNIT (BG&E)			1,160.00	3,200.00	400.00				

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**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
670.7102 M	100.00	M	29.00	300.00	40.00				
SINGLE CONDUCTOR DIRECT BURIAL CABLE NUMBER 2/0 GAGE			2,900.00	30,000.00	4,000.00				
670.7501 M	553.00	M	5.79	20.00	14.00				
GROUND WIRE NO.6 AWG			3,201.87	11,060.00	7,742.00				
11670.7502 M	30.00	M	7.60	30.00	18.00				
GROUND WIRE NUMBER 2 AWG			228.00	900.00	540.00				
670.81 M	64.00	EA	643.00	1,200.00	650.00				
REMOVE AND DISPOSE OF LAMPOST ASSEMBLY			41,152.00	76,800.00	41,600.00				
670.82 M	27.00	EA	521.00	4,000.00	2,000.00				
REMOVE LAMPOST FOUNDATION			14,067.00	108,000.00	54,000.00				
11670.9902 M	74.00	EA	87.00	250.00	60.00				
LAMPOST IDENTIFICATION PLATE (TYPE H)			6,438.00	18,500.00	4,440.00				
23675.1399 M	990.00	MT	58.00	25.00	200.00				
FURNISH, PLACE AND COMPACT BALLAST BASE COURSE			57,420.00	24,750.00	198,000.00				

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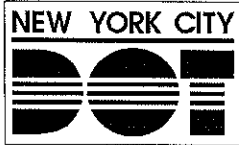
**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
23675.23 M	12.00	M	174.00	5,000.00	4,000.00				
REMOVE, FURNISH, AND INSTALL JOINTED RAIL			2,088.00	60,000.00	48,000.00				
23675.30 M	9.00	EA	87.00	80.00	2,000.00				
REMOVE AND INSTALL WOOD CROSS TIES			783.00	720.00	18,000.00				
23675.77 M	1.00	LS	5,789.00	27,000.00	75,000.00				
FURNISHING AND REMOVING TEMPORARY TRACK SUPPORT SYSTEM			5,789.00	27,000.00	75,000.00				
23675.7701 M	4.00	EA	5,789.00	150,000.00	100,000.00				
FURNISHING, INSTALLING, AND REMOVING TEMPORARY TRACK SUPPORT SYSTEM			23,156.00	600,000.00	400,000.00				
680.0101 29 M	1.00	LS	587,928.00	600,000.00	1,665,000.00				
TRAFFIC CONTROL EQUIPMENT			587,928.00	600,000.00	1,665,000.00				
11680.500050 M	5.00	EA	1,922.00	4,000.00	1,500.00				
FOUNDATION FOR TRAFFIC STANDARD, TYPE M-2-5S (NYC)			9,610.00	20,000.00	7,500.00				
680.5001 M	23.00	CM	2,663.00	5,000.00	1,800.00				
POLE EXCAVATION AND CONCRETE FOUNDATION			61,249.00	115,000.00	41,400.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 94 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11680.5005 M	2.00	EA	1,592.00	4,000.00	1,500.00				
FOUNDATION FOR TRAFFIC STANDARD TYPE M-2-5T (NYC)			3,184.00	8,000.00	3,000.00				
11680.5006 M	6.00	EA	2,895.00	4,000.00	1,000.00				
FOUNDATION FOR TRAFFIC STANDARD TYPE S-1 -A (NYC)			17,370.00	24,000.00	6,000.00				
11680.5010 M	1.00	EA	2,316.00	4,000.00	1,300.00				
FOUNDATION FOR TRAFFIC STANDARD TYPE S-14 (NEW YORK CITY)			2,316.00	4,000.00	1,300.00				
11680.5099 M	9.00	EA	811.00	4,000.00	2,000.00				
REMOVE FOUNDATION FOR TRAFFIC POST (NYC)			7,299.00	36,000.00	18,000.00				
11680.609901 M	1.00	LS	28,941.00	8,000.00	32,000.00				
INSTALL TRAFFIC SIGNAL ON BRIDGE STRUCTURES			28,941.00	8,000.00	32,000.00				
680.625709 M	1.00	EA	4,920.00	9,000.00	8,100.00				
TRAFFIC SIGNAL POLE WITH MAST ARM, 5.7 METERS MAST ARM MOUNTING HEIGHT, 9 METER MAST ARM LENGTH			4,920.00	9,000.00	8,100.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



**MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS**

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
680.625711 M	1.00	EA	6,078.00	9,500.00	9,000.00				
TRAFFIC SIGNAL POLE WITH MAST ARM, 5.7 METERS MAST ARM MOUNTING HEIGHT, 11 METER MAST ARM LENGTH			6,078.00	9,500.00	9,000.00				
680.6835 M	9.00	EA	5,789.00	2,400.00	2,270.00				
TRAFFIC SIGNAL POLE - BRACKET MOUNT			52,101.00	21,600.00	20,430.00				
680.730210 M	328.00	M	70.00	20.00	20.00				
SIGNAL CBLE 2 CONDUCTOR, 10 AWG			22,960.00	6,560.00	6,560.00				
680.730310 M	61.00	M	84.00	25.00	20.00				
SIGNAL CABLE, 3 CONDUCTOR, 10 AWG			5,124.00	1,525.00	1,220.00				
680.731314 M	718.00	M	110.00	30.00	20.00				
SIGNAL CABLE, 13 CONDUCTORS, 14 AWG			78,980.00	21,540.00	14,360.00				
680.750218M	115.00	M	22.00	20.00	20.00				
SHIELDED COMMUNICATION CABLE, 2 PAIRS 18 AWG			2,530.00	2,300.00	2,300.00				
11680.7890 M	3.00	EA	1,158.00	5,000.00	1,000.00				
REMOVE EXISTING CABINET			3,474.00	15,000.00	3,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 96 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
01680.79 M	1.00	LS	11,577.00	30,000.00	23,000.00				
REMOVE TRAFFIC SIGNAL EQUIPMENT			11,577.00	30,000.00	23,000.00				
10680.7949 M	3.00	EA	1,158.00	1,000.00	2,000.00				
REMOVE TRAFFIC SIGNAL PULLBOXES			3,474.00	3,000.00	6,000.00				
11680.8040 M	6.00	EA	14,656.00	16,000.00	10,000.00				
170 E TYPE CONROLLER & CABINET W/O OFFICE COMPUTER EQUIPMENT			87,936.00	96,000.00	60,000.00				
11680.8072 M	6.00	EA	1,072.00	1,600.00	1,000.00				
FURNISH AND INSTALL TRAFFIC SIGNAL POLE S-1A (NYC)			6,432.00	9,600.00	6,000.00				
680.8111 M	10.00	EA	232.00	500.00	250.00				
TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY			2,320.00	5,000.00	2,500.00				
11680.813301 M	16.00	EA	1,679.00	1,300.00	900.00				
PEDESTRIAN SIGNAL, TYPE 6 (NYC)			26,864.00	20,800.00	14,400.00				
11680.818120 M	31.00	EA	1,737.00	1,600.00	600.00				
FURNISH 3 SECTION TRAFFIC SIGNAL FACES, 305MM LENS (NEW YORK CITY)			53,847.00	49,600.00	18,600.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 97 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11680.818220 M	41.00	EA	429.00	1,000.00	250.00				
INSTALL 3 SECTION TRAFFIC SIGNAL FACES, 203MM AND 305MM LENS (NEW YORK CITY)			17,589.00	41,000.00	10,250.00				
39680.818222 M	10.00	EA	840.00	1,600.00	500.00				
FURNISH 3 SECTION TRAFFIC SIGNAL FACES, 305 MM LENS WITH LED RED AND GREEN (NEW YORK CITY)			8,400.00	16,000.00	5,000.00				
11680.8199 M	10.00	EA	1,678.56	1,600.00	1,000.00				
SINGLE HOUSING LED PEDESTRIAN SIGNALS WITH SIGNAL EYES			16,785.60	16,000.00	10,000.00				
11680.8205 M	7.00	EA	1,971.00	2,400.00	2,500.00				
FURNISH AND INSTALL 6.1 M SINGLE MAST ARM ASSEMBLY (NYC)			13,797.00	16,800.00	17,500.00				
680.8220 M	6.00	EA	2,316.00	9,000.00	2,800.00				
FLASHING BEACON SIGN ASSEMBLY			13,896.00	54,000.00	16,800.00				
11680.8231 M	7.00	EA	4,593.00	5,700.00	8,300.00				
FURNISH AND INSTALL TRAFFIC SIGNAL POLE TYPE M-2A (NYC)			32,151.00	39,900.00	58,100.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 98 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
11680.8302 M	178.00	M	437.00	150.00	100.00				
TRAFFIC DEPARTMENT CONDUIT, HOT DIPPED GALVANIZED STEEL PIPE (NYC) - 2 NPS (50MM) DIAMETER			77,786.00	26,700.00	17,800.00				
11680.8303 M	273.00	M	502.00	170.00	110.00				
TRAFFIC DEPARTMENT CONDUIT, HOT DIPPED GALVANIZED STEEL PIPE (NYC) - 3 NPS (75MM)			137,046.00	46,410.00	30,030.00				
11680.8308 M	7.00	EA	1,973.00	3,000.00	2,000.00				
FURNISH AND INSTALL SHAFT EXTENSION AND SINGLE STREET LIGHT SUPPORT ARM FOR M-2A TYPE TRAFFIC SIGNAL			13,811.00	21,000.00	14,000.00				
11680.8372 M	8.00	EA	862.00	1,000.00	1,000.00				
FURNISH AND INSTALL 1.5 M EXTENSION ARM FOR 6.1 M MAST ARM (NYC)			6,896.00	8,000.00	8,000.00				
11680.998301 M	3.00	EA	1,158.00	25,000.00	25,000.00				
OVERHEIGHT VEHICLE DETECTOR			3,474.00	75,000.00	75,000.00				
11680.998302 M	3.00	EA	1,158.00	5,000.00	4,000.00				
OVERHEIGHT VEHICLE SIGNAL AND SIGN ASSEMBLY			3,474.00	15,000.00	12,000.00				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

<u>LOW SIX BIDDERS</u>			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
685.11 M	10,145.00	M	1.20	2.00	2.00				
WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 0.51MM			12,174.00	20,290.00	20,290.00				
685.12 M	2,390.00	M	1.20	2.00	2.00				
YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 0.51MM			2,868.00	4,780.00	4,780.00				
685.13 M	18.00	EA	93.00	150.00	100.00				
WHITE EPOXY REFLECTORIZED PAVEMENT LETTERS - 0.51 MM			1,674.00	2,700.00	1,800.00				
685.14 M	16.00	EA	93.00	150.00	100.00				
WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 0.51 MM			1,488.00	2,400.00	1,600.00				
698.06 M	1.00	FPLS	1,000,000.00	1,000,000.00	1,000,000.00				
STEEL/IRON PRICE ADJUSTMENT			1,000,000.00	1,000,000.00	1,000,000.00				
831.0101 M	1.00	LS	2,662,538.00	30,000.00	1,000,000.00				
SYSTEM A - ALL COATS APPLIED IN SHOP (SP10/INORGANIC ZINC/EPOXY INTERMEDIATE/URETHANE FINISH)			2,662,538.00	30,000.00	1,000,000.00				
831.0102 M	1.00	LS	1,620,675.00	20,000.00	1,000,000.00				
SYSTEM A - ALL COATS APPLIED IN SHOP (SP10/INORGANIC ZINC/EPOXY INTERMEDIATE/URETHANE FINISH)			1,620,675.00	20,000.00	1,000,000.00				

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2. COMPARISION OF BIDS, LOW SIX BIDDERS, Page 100 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
831.0103 M	1.00	LS	3,009,825.00	1,500,000.00	1,500,000.00				
SYSTEM A - ALL COATS APPLIED IN SHOP (SP10/INORGANIC ZINC/ EPOXY INTERMEDIATE/URETHANE FINISH)			3,009,825.00	1,500,000.00	1,500,000.00				
831.0104 M	1.00	LS	169,014.00	50,000.00	200,000.00				
SYSTEM A - ALL COATS APPLIED IN SHOP (SP10/INORGANIC/ ZINC/EPOXY INTERMEDIATE/URETHANE FINISH)			169,014.00	50,000.00	200,000.00				
831.230001 M	1.00	LS	11,577.00	1,000,000.00	30,000.00				
SYSTEM F-OVERCOATING (SPOT CLEAN/WASH/ALKYD PRIMER/ALUMINUM ALKYD FINISH)			11,577.00	1,000,000.00	30,000.00				
831.250001 M	1.00	LS	50,357.00	1,000,000.00	50,000.00				
SYSTEM CG-OVERCOATING FOR GALVANIZED STEEL (SP-3/MCU/ZINC/MCU INTERMEDIATE/MCU FINISH)			50,357.00	1,000,000.00	50,000.00				
831.420001 M	1.00	LS	1,158.00	900,000.00	2,000,000.00				
SPOT CLEANING / PAINTING OF FASTENERS (SP1/SP3/ AND ALL OR SOME COATS OF SPECIFIED SYSTEM-SEE 3.011,			1,158.00	900,000.00	2,000,000.00				

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2. COMPARISON OF BIDS, LOW SIX BIDDERS, Page 101 of 102

BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY.



MEMORANDUM OF BIDS
NEW YORK CITY DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGES
COMPARISON OF BIDS

LOW SIX BIDDERS			ENGINEER'S ESTIMATE	RECEIPT # A3815	RECEIPT # A3806	RECEIPT #	RECEIPT #	RECEIPT #	RECEIPT #
ITEM NUMBER	QUANTITY	UNIT	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)	UNIT PRICE(\$)
ITEM DESCRIPTION			AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)	AMOUNT(\$)
832.10 M	1.00	LS	8,104.00	220,000.00	50,000.00				
WORKER PROTECTION			8,104.00	220,000.00	50,000.00				
832.20 M	1.00	LS	11,577.00	50,000.00	50,000.00				
ENVIRONMENTAL PROTECTION AND PROJECT CLEANUP			11,577.00	50,000.00	50,000.00				
832.30 M	1.00	LS	57,882.00	50,000.00	50,000.00				
CONTAINMENT SYSTEM - CLASS 3P			57,882.00	50,000.00	50,000.00				
832.40 M	1.00	LS	11,577.00	50,000.00	60,000.00				
TREATMENT AND DISPOSAL OF PAINT REMOVAL WASTE AND WASTE WATER			11,577.00	50,000.00	60,000.00				
699.040001 M	1.00	LS	15,055,602.50	23,200,000.00	24,525,000.00				
MOBILIZATION			15,055,602.50	23,200,000.00	24,525,000.00				
TOTAL BID IN (\$) (FROM BID BOOK)				612,467,522.00	637,665,525.50				
NET CHANGES BECAUSE OF CORRECTIONS AND ADJUSTMENTS IN (\$)				0.00	0.00				
FINAL TOTAL AGGREGATE BID IN (\$)			391,444,560.95	612,467,522.00	637,665,525.50				

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BID GROUP DESCRIPTION: 1 REPLACEMENT OF WILLIS AVENUE BRIDGE OVER HARLEM RIVER AND OVER MAJOR DEEGAN EXPRESSWAY,