

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

BID ITEM CHECK PASS

Bidder	Item No.	Bidder's Extension	Computed Extension
Tessa Structures	63525C	10,000.00	20,000.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
Tessa Structures	1,676,015.00	1,676,015.00	
FMC Civil Construction	3,137,642.55	3,137,642.55	
C&F Construction Company	3,483,012.50	3,483,012.50	

The apparent low bidder is 13 % below the engineer's estimate.

TABULATION OF BIDS

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

State: VA

County: ARLINGTON

GEORGE WASHINGTON MEMORIAL

Opened at: Will save changes as the default

By: Will save changes as the default

Date: 03/31/00

I certify that this Bid Tabulation accurately reflects the bids received and publicly opened for this solicitation.

Signed: John Wilson

Title: Highway Engineer Date: _____

Contract Awarded to: Tessa Structures Date: _____

Contractor	Bid Amount	Responsive
Tessa Structures P.O. Box 3975 Capital Heights, MD 20791	1,676,015.00	
FMC Civil Construction 2413 Shuster Drive Cheverly, MD 20781	3,137,642.55	
C&F Construction Company 711-A Edgewood Street, N.E. Washington, DC 20011	3,483,012.50	
Engineer's Estimate	1,930,000.00	

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101	LPSM	Mobilization			
	Tessa Structures		ALL	139,000.00	139,000.00
	FMC Civil Construction			445,000.00	445,000.00
	C&F Construction Company			375,000.00	375,000.00
	ENGINEER'S ESTIMATE			163,395.00	163,395.00
15201	LPSM	Construction survey and staking			
	Tessa Structures		ALL	5,000.00	5,000.00
	FMC Civil Construction			14,000.00	14,000.00
	C&F Construction Company			45,000.00	45,000.00
	ENGINEER'S ESTIMATE			6,000.00	6,000.00
15401	LPSM	Contractor testing			
	Tessa Structures		ALL	7,000.00	7,000.00
	FMC Civil Construction			10,000.00	10,000.00
	C&F Construction Company			80,000.00	80,000.00
	ENGINEER'S ESTIMATE			6,000.00	6,000.00
15718	Each	Stabilized construction entrance			
	Tessa Structures		1	2,500.00	2,500.00
	FMC Civil Construction			2,600.00	2,600.00
	C&F Construction Company			5,000.00	5,000.00
	ENGINEER'S ESTIMATE			1,000.00	1,000.00
20302RD	m	Removal of stone curb			
	Tessa Structures		260	20.00	5,200.00
	FMC Civil Construction			45.00	11,700.00
	C&F Construction Company			53.75	13,975.00
	ENGINEER'S ESTIMATE			15.00	3,900.00
20303AB	m2	Removal of concrete (arch repairs)			
	Tessa Structures		195	300.00	58,500.00
	FMC Civil Construction			600.00	117,000.00
	C&F Construction Company			300.00	58,500.00
	ENGINEER'S ESTIMATE			200.00	39,000.00
20303AD	m2	Removal of granite cobbles			
	Tessa Structures		2100	15.00	31,500.00
	FMC Civil Construction			74.00	155,400.00
	C&F Construction Company			87.20	183,120.00
	ENGINEER'S ESTIMATE			11.00	23,100.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20303PBK	m2	Removal of portland cement concrete pavement, 100 mm depth			
	Tessa Structures		955	50.00	47,750.00
	FMC Civil Construction			45.00	42,975.00
	C&F Construction Company			15.00	14,325.00
	ENGINEER'S ESTIMATE			5.00	4,775.00
20303QB	m2	Removal of portland cement concrete sidewalk (at approaches)			
	Tessa Structures		135	50.00	6,750.00
	FMC Civil Construction			10.00	1,350.00
	C&F Construction Company			10.00	1,350.00
	ENGINEER'S ESTIMATE			5.00	675.00
20304M	LPSM	Removal of bridge expansion joint			
	Tessa Structures		ALL	30,000.00	30,000.00
	FMC Civil Construction			16,000.00	16,000.00
	C&F Construction Company			68,000.00	68,000.00
	ENGINEER'S ESTIMATE			10,000.00	10,000.00
20309AB	m3	Removal of concrete (beam repairs inside of arch)			
	Tessa Structures		1	20,000.00	20,000.00
	FMC Civil Construction			32,000.00	32,000.00
	C&F Construction Company			14,000.00	14,000.00
	ENGINEER'S ESTIMATE			425.00	425.00
20401	m3	Roadway excavation (Arlington Memorial Bridge)			
	Tessa Structures		30	200.00	6,000.00
	FMC Civil Construction			63.00	1,890.00
	C&F Construction Company			30.00	900.00
	ENGINEER'S ESTIMATE			25.00	750.00
20801	m3	Structure excavation			
	Tessa Structures		60	150.00	9,000.00
	FMC Civil Construction			100.00	6,000.00
	C&F Construction Company			70.00	4,200.00
	ENGINEER'S ESTIMATE			41.00	2,460.00
20803	m3	Structural backfill			
	Tessa Structures		60	150.00	9,000.00
	FMC Civil Construction			57.00	3,420.00
	C&F Construction Company			75.00	4,500.00
	ENGINEER'S ESTIMATE			28.00	1,680.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
40101AD	t	Hot asphalt concrete pavement, class A, grading D (type IV pavement smoothness)			
	Tessa Structures		35	200.00	7,000.00
	FMC Civil Construction			242.00	8,470.00
	C&F Construction Company			300.00	10,500.00
	ENGINEER'S ESTIMATE			110.00	3,850.00
40101AD	t	Hot asphalt concrete pavement, class A, grading D (Arlington Memorial Bridge)			
	Tessa Structures		5	500.00	2,500.00
	FMC Civil Construction			242.00	1,210.00
	C&F Construction Company			300.00	1,500.00
	ENGINEER'S ESTIMATE			110.00	550.00
41301F	m2	Asphalt pavement milling, 50 mm depth			
	Tessa Structures		280	10.00	2,800.00
	FMC Civil Construction			15.00	4,200.00
	C&F Construction Company			26.00	7,280.00
	ENGINEER'S ESTIMATE			50.00	14,000.00
50201	m2	Concrete pavement patch (Arlington Memorial Bridge)			
	Tessa Structures		28	1,500.00	42,000.00
	FMC Civil Construction			200.00	5,600.00
	C&F Construction Company			250.00	7,000.00
	ENGINEER'S ESTIMATE			375.00	10,500.00
50203	m3	Grout			
	Tessa Structures		115	400.00	46,000.00
	FMC Civil Construction			380.00	43,700.00
	C&F Construction Company			535.00	61,525.00
	ENGINEER'S ESTIMATE			120.00	13,800.00
50204	Each	Undersealing holes			
	Tessa Structures		8	1,000.00	8,000.00
	FMC Civil Construction			100.00	800.00
	C&F Construction Company			2,400.00	19,200.00
	ENGINEER'S ESTIMATE			50.00	400.00
50204	Each	Undersealing holes (Arlington Memorial Bridge)			
	Tessa Structures		12	1,000.00	12,000.00
	FMC Civil Construction			200.00	2,400.00
	C&F Construction Company			2,400.00	28,800.00
	ENGINEER'S ESTIMATE			50.00	600.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55202AC	m3	Structural concrete, class A (AE), for substructure (backwall and east abutment retaining walls)			
	Tessa Structures		21	2,500.00	52,500.00
	FMC Civil Construction			1,800.00	37,800.00
	C&F Construction Company			4,500.00	94,500.00
	ENGINEER'S ESTIMATE			440.00	9,240.00
55202DD	m3	Structural concrete, class D (AE), for superstructure sidewalk (exposed aggregate finish)			
	Tessa Structures		100	650.00	65,000.00
	FMC Civil Construction			700.00	70,000.00
	C&F Construction Company			950.00	95,000.00
	ENGINEER'S ESTIMATE			480.00	48,000.00
55202DE	m3	Structural concrete, class D (AE), for bridge deck and sidewalk slab overlay (or Class E (AE) at contractor's option)			
	Tessa Structures		330	750.00	247,500.00
	FMC Civil Construction			1,020.00	336,600.00
	C&F Construction Company			920.00	303,600.00
	ENGINEER'S ESTIMATE			900.00	297,000.00
55209	m2	Repair concrete (arch repairs)			
	Tessa Structures		195	200.00	39,000.00
	FMC Civil Construction			1,200.00	234,000.00
	C&F Construction Company			1,250.00	243,750.00
	ENGINEER'S ESTIMATE			500.00	97,500.00
55210	m3	Repair concrete (inside of arch)			
	Tessa Structures		1	10,000.00	10,000.00
	FMC Civil Construction			3,000.00	3,000.00
	C&F Construction Company			29,150.00	29,150.00
	ENGINEER'S ESTIMATE			5,000.00	5,000.00
55212A	m2	Concrete color finish			
	Tessa Structures		1375	40.00	55,000.00
	FMC Civil Construction			16.49	22,673.75
	C&F Construction Company			25.50	35,062.50
	ENGINEER'S ESTIMATE			14.00	19,250.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55401	kg	Reinforcing steel			
	Tessa Structures		1650	5.00	8,250.00
	FMC Civil Construction			9.60	15,840.00
	C&F Construction Company			1.30	2,145.00
	ENGINEER'S ESTIMATE			1.10	1,815.00
55402	kg	Epoxy coated reinforcing steel (replacing deteriorated reinforcing)			
	Tessa Structures		350	5.00	1,750.00
	FMC Civil Construction			14.50	5,075.00
	C&F Construction Company			1.60	560.00
	ENGINEER'S ESTIMATE			2.00	700.00
55402	kg	Epoxy coated reinforcing steel (Arlington Memorial Bridge)			
	Tessa Structures		650	5.00	3,250.00
	FMC Civil Construction			12.00	7,800.00
	C&F Construction Company			1.40	910.00
	ENGINEER'S ESTIMATE			2.00	1,300.00
55502	m	Bridge expansion joints			
	Tessa Structures		55	800.00	44,000.00
	FMC Civil Construction			1,200.00	66,000.00
	C&F Construction Company			850.00	46,750.00
	ENGINEER'S ESTIMATE			470.00	25,850.00
55901	m2	Membrane waterproofing			
	Tessa Structures		2100	35.00	73,500.00
	FMC Civil Construction			36.00	75,600.00
	C&F Construction Company			95.00	199,500.00
	ENGINEER'S ESTIMATE			20.00	42,000.00
60406	Each	Inlet adjustment			
	Tessa Structures		12	500.00	6,000.00
	FMC Civil Construction			700.00	8,400.00
	C&F Construction Company			10,000.00	120,000.00
	ENGINEER'S ESTIMATE			550.00	6,600.00
60411	Each	Removing and resetting metal frame and grate (manholes)			
	Tessa Structures		7	500.00	3,500.00
	FMC Civil Construction			700.00	4,900.00
	C&F Construction Company			450.00	3,150.00
	ENGINEER'S ESTIMATE			550.00	3,850.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
60505	m2	Geocomposite sheet drain system			
	Tessa Structures		14	80.00	1,120.00
	FMC Civil Construction			220.00	3,080.00
	C&F Construction Company			60.00	840.00
	ENGINEER'S ESTIMATE			50.00	700.00
60901T	m	Portland cement concrete curb, 275 mm depth			
	Tessa Structures		10	100.00	1,000.00
	FMC Civil Construction			80.00	800.00
	C&F Construction Company			82.50	825.00
	ENGINEER'S ESTIMATE			25.00	250.00
60911	m	Granite bridge curb - resetting			
	Tessa Structures		260	120.00	31,200.00
	FMC Civil Construction			65.00	16,900.00
	C&F Construction Company			70.45	18,317.00
	ENGINEER'S ESTIMATE			50.00	13,000.00
61501B	m2	Portland cement concrete sidewalk at approaches (exposed aggregate finish)			
	Tessa Structures		135	100.00	13,500.00
	FMC Civil Construction			80.00	10,800.00
	C&F Construction Company			65.00	8,775.00
	ENGINEER'S ESTIMATE			43.00	5,805.00
61901EJ	m	Fence, wood stockade type, 2100 mm height			
	Tessa Structures		80	30.00	2,400.00
	FMC Civil Construction			47.00	3,760.00
	C&F Construction Company			24.00	1,920.00
	ENGINEER'S ESTIMATE			100.00	8,000.00
62004	m	Repoint stone masonry			
	Tessa Structures		100	30.00	3,000.00
	FMC Civil Construction			22.00	2,200.00
	C&F Construction Company			35.80	3,580.00
	ENGINEER'S ESTIMATE			20.00	2,000.00
62013	m2	Granite cobble paving			
	Tessa Structures		2100	85.00	178,500.00
	FMC Civil Construction			222.00	466,200.00
	C&F Construction Company			316.45	664,545.00
	ENGINEER'S ESTIMATE			60.00	126,000.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62401H	m2	Furnishing and placing topsoil, 75 mm depth			
	Tessa Structures		2000	3.00	6,000.00
	FMC Civil Construction			5.67	11,340.00
	C&F Construction Company			3.20	6,400.00
	ENGINEER'S ESTIMATE			8.00	16,000.00
62509	ha	Turf establishment			
	Tessa Structures		0.2	10,000.00	2,000.00
	FMC Civil Construction			10,439.00	2,087.80
	C&F Construction Company			10,000.00	2,000.00
	ENGINEER'S ESTIMATE			4,500.00	900.00
63401HA	m	Pavement markings, type H, solid			
	Tessa Structures		100	15.00	1,500.00
	FMC Civil Construction			5.50	550.00
	C&F Construction Company			5.50	550.00
	ENGINEER'S ESTIMATE			3.00	300.00
63503A	Each	Advance warning arrow panel, type A			
	Tessa Structures		5	500.00	2,500.00
	FMC Civil Construction			4,000.00	20,000.00
	C&F Construction Company			5,000.00	25,000.00
	ENGINEER'S ESTIMATE			2,000.00	10,000.00
63505C	Each	Barricade, type 3			
	Tessa Structures		15	500.00	7,500.00
	FMC Civil Construction			350.00	5,250.00
	C&F Construction Company			300.00	4,500.00
	ENGINEER'S ESTIMATE			320.00	4,800.00
63506A	Each	Cone, type A			
	Tessa Structures		16	25.00	400.00
	FMC Civil Construction			30.00	480.00
	C&F Construction Company			45.00	720.00
	ENGINEER'S ESTIMATE			15.00	240.00
63506C	Each	Cone, type C			
	Tessa Structures		19	25.00	475.00
	FMC Civil Construction			30.00	570.00
	C&F Construction Company			50.00	950.00
	ENGINEER'S ESTIMATE			30.00	570.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63507	m2	Construction sign			
	Tessa Structures		103	30.00	3,090.00
	FMC Civil Construction			120.00	12,360.00
	C&F Construction Company			163.00	16,789.00
	ENGINEER'S ESTIMATE			150.00	15,450.00
63508B	Each	Drum, type B			
	Tessa Structures		125	65.00	8,125.00
	FMC Civil Construction			80.00	10,000.00
	C&F Construction Company			75.00	9,375.00
	ENGINEER'S ESTIMATE			42.00	5,250.00
63511	m	Temporary concrete barrier			
	Tessa Structures		375	75.00	28,125.00
	FMC Civil Construction			88.00	33,000.00
	C&F Construction Company			82.50	30,937.50
	ENGINEER'S ESTIMATE			95.00	35,625.00
63512	m	Moving temporary concrete barrier			
	Tessa Structures		525	15.00	7,875.00
	FMC Civil Construction			13.00	6,825.00
	C&F Construction Company			16.50	8,662.50
	ENGINEER'S ESTIMATE			11.00	5,775.00
63514	m	Temporary pavement markings			
	Tessa Structures		1800	5.00	9,000.00
	FMC Civil Construction			4.40	7,920.00
	C&F Construction Company			4.40	7,920.00
	ENGINEER'S ESTIMATE			3.00	5,400.00
63521A	Each	Warning light, type A			
	Tessa Structures		25	25.00	625.00
	FMC Civil Construction			100.00	2,500.00
	C&F Construction Company			750.00	18,750.00
	ENGINEER'S ESTIMATE			50.00	1,250.00
63521C	Each	Warning light, type C			
	Tessa Structures		140	25.00	3,500.00
	FMC Civil Construction			100.00	14,000.00
	C&F Construction Company			50.00	7,000.00
	ENGINEER'S ESTIMATE			35.00	4,900.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: A

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63524	Each	Variable message sign			
	Tessa Structures		10	1,500.00	15,000.00
	FMC Civil Construction			17,500.00	175,000.00
	C&F Construction Company			15,000.00	150,000.00
	ENGINEER'S ESTIMATE			5,000.00	50,000.00
63525C	Each	Temporary crash cushion, QUADGUARDcz system			
	Tessa Structures		2	10,000.00	20,000.00
	FMC Civil Construction			15,000.00	30,000.00
	C&F Construction Company			15,000.00	30,000.00
	ENGINEER'S ESTIMATE			4,150.00	8,300.00
63526	Each	Moving temporary crash cushion			
	Tessa Structures		2	500.00	1,000.00
	FMC Civil Construction			1,500.00	3,000.00
	C&F Construction Company			1,000.00	2,000.00
	ENGINEER'S ESTIMATE			830.00	1,660.00
63527A	Each	Replacement cartridges for crash cushion			
	Tessa Structures		2	2,500.00	5,000.00
	FMC Civil Construction			900.00	1,800.00
	C&F Construction Company			900.00	1,800.00
	ENGINEER'S ESTIMATE			700.00	1,400.00
63701	Each	Field office			
	Tessa Structures		1	10,000.00	10,000.00
	FMC Civil Construction			30,000.00	30,000.00
	C&F Construction Company			40,000.00	40,000.00
	ENGINEER'S ESTIMATE			5,000.00	5,000.00
64001	m2	Removal of concrete (hydrodemolition) deck			
	Tessa Structures		2250	75.00	168,750.00
	FMC Civil Construction			156.00	351,000.00
	C&F Construction Company			88.16	198,360.00
	ENGINEER'S ESTIMATE			230.00	517,500.00
64001	m2	Removal of concrete (hydrodemolition) sidewalk slab			
	Tessa Structures		952	40.00	38,080.00
	FMC Civil Construction			108.00	102,816.00
	C&F Construction Company			47.00	44,744.00
	ENGINEER'S ESTIMATE			230.00	218,960.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

BID ITEM CHECK PASS

Bidder	Item No.	Bidder's Extension	Computed Extension
C&F Construction Company	40101AD	1,550.00	1,500.00
C&F Construction Company	62509	550.00	2,000.00
C&F Construction Company	64001	198,355.05	198,360.00
Tessa Structures	63525C	10,000.00	20,000.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B
 Project No.: PRA-GWMP 11(1)
 Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
Tessa Structures	1,766,015.00	1,766,015.00	
FMC Civil Construction, LLC	3,237,642.55	3,237,642.55	
C&F Construction Company	3,923,007.55	3,605,105.50	***

The apparent low bidder is 18 % below the engineer's estimate.

TABULATION OF BIDS

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

State: VA
County: ARLINGTON
GEORGE WASHINGTON MEMORIAL

Opened at: Will save changes as the default
By: Will save changes as the default
Date: 03/31/00

I certify that this Bid Tabulation accurately reflects the bids received and publicly opened for this solicitation.

Signed: _____

Title: _____ Date: _____

Contract Awarded to: _____ Date: _____

Contractor	Bid Amount	Responsive
Tessa Structures P.O. Box 3975 Capital Heights, MD 20791	1,766,015.00	
FMC Civil Construction, LLC 2413 Schuster Drive Cheverly, MD 20781	3,237,642.55	
C&F Construction Company 711-A Edgewood Street, N.E. Washington, DC 20011	3,605,105.50	
Engineer's Estimate	2,150,000.00	

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101	LPSM	Mobilization			
	Tessa Structures		ALL	139,000.00	139,000.00
	FMC Civil Construction, LLC			445,000.00	445,000.00
	C&F Construction Company			375,000.00	375,000.00
	ENGINEER'S ESTIMATE			163,395.00	163,395.00
15201	LPSM	Construction survey and staking			
	Tessa Structures		ALL	5,000.00	5,000.00
	FMC Civil Construction, LLC			14,000.00	14,000.00
	C&F Construction Company			45,000.00	45,000.00
	ENGINEER'S ESTIMATE			6,000.00	6,000.00
15401	LPSM	Contractor testing			
	Tessa Structures		ALL	7,000.00	7,000.00
	FMC Civil Construction, LLC			10,000.00	10,000.00
	C&F Construction Company			80,000.00	80,000.00
	ENGINEER'S ESTIMATE			6,000.00	6,000.00
15718	Each	Stabilized construction entrance			
	Tessa Structures		1	2,500.00	2,500.00
	FMC Civil Construction, LLC			2,600.00	2,600.00
	C&F Construction Company			5,000.00	5,000.00
	ENGINEER'S ESTIMATE			1,000.00	1,000.00
20302RD	m	Removal of stone curb			
	Tessa Structures		260	20.00	5,200.00
	FMC Civil Construction, LLC			45.00	11,700.00
	C&F Construction Company			53.75	13,975.00
	ENGINEER'S ESTIMATE			15.00	3,900.00
20303AB	m2	Removal of concrete (arch repairs)			
	Tessa Structures		195	300.00	58,500.00
	FMC Civil Construction, LLC			600.00	117,000.00
	C&F Construction Company			300.00	58,500.00
	ENGINEER'S ESTIMATE			200.00	39,000.00
20303AD	m2	Removal of granite cobbles			
	Tessa Structures		2100	15.00	31,500.00
	FMC Civil Construction, LLC			74.00	155,400.00
	C&F Construction Company			87.20	183,120.00
	ENGINEER'S ESTIMATE			11.00	23,100.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20303PBK	m2	Removal of portland cement concrete pavement, 100 mm depth			
	Tessa Structures		955	50.00	47,750.00
	FMC Civil Construction, LLC			45.00	42,975.00
	C&F Construction Company			15.00	14,325.00
	ENGINEER'S ESTIMATE			5.00	4,775.00
20303QB	m2	Removal of portland cement concrete sidewalk (at approaches)			
	Tessa Structures		135	50.00	6,750.00
	FMC Civil Construction, LLC			10.00	1,350.00
	C&F Construction Company			10.00	1,350.00
	ENGINEER'S ESTIMATE			5.00	675.00
20304M	LPSM	Removal of bridge expansion joint			
	Tessa Structures		ALL	30,000.00	30,000.00
	FMC Civil Construction, LLC			16,000.00	16,000.00
	C&F Construction Company			68,000.00	68,000.00
	ENGINEER'S ESTIMATE			10,000.00	10,000.00
20309AB	m3	Removal of concrete (beam repairs inside of arch)			
	Tessa Structures		1	20,000.00	20,000.00
	FMC Civil Construction, LLC			32,000.00	32,000.00
	C&F Construction Company			14,000.00	14,000.00
	ENGINEER'S ESTIMATE			425.00	425.00
20401	m3	Roadway excavation (Arlington Memorial Bridge)			
	Tessa Structures		30	200.00	6,000.00
	FMC Civil Construction, LLC			63.00	1,890.00
	C&F Construction Company			30.00	900.00
	ENGINEER'S ESTIMATE			25.00	750.00
20801	m3	Structure excavation			
	Tessa Structures		60	150.00	9,000.00
	FMC Civil Construction, LLC			100.00	6,000.00
	C&F Construction Company			70.00	4,200.00
	ENGINEER'S ESTIMATE			41.00	2,460.00
20803	m3	Structural backfill			
	Tessa Structures		60	150.00	9,000.00
	FMC Civil Construction, LLC			57.00	3,420.00
	C&F Construction Company			75.00	4,500.00
	ENGINEER'S ESTIMATE			28.00	1,680.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
40101AD	t	Hot asphalt concrete pavement, class A, grading D (type IV pavement smoothness)			
	Tessa Structures		35	200.00	7,000.00
	FMC Civil Construction, LLC			242.00	8,470.00
	C&F Construction Company			300.00	10,500.00
	ENGINEER'S ESTIMATE			110.00	3,850.00
40101AD	t	Hot asphalt concrete pavement, class A, grading D (Arlington Memorial Bridge)			
	Tessa Structures		5	500.00	2,500.00
	FMC Civil Construction, LLC			242.00	1,210.00
	C&F Construction Company			300.00	1,500.00
	ENGINEER'S ESTIMATE			110.00	550.00
41301F	m2	Asphalt pavement milling, 50 mm depth			
	Tessa Structures		280	10.00	2,800.00
	FMC Civil Construction, LLC			15.00	4,200.00
	C&F Construction Company			26.00	7,280.00
	ENGINEER'S ESTIMATE			50.00	14,000.00
50201	m2	Concrete pavement patch (Arlington Memorial Bridge)			
	Tessa Structures		28	1,500.00	42,000.00
	FMC Civil Construction, LLC			200.00	5,600.00
	C&F Construction Company			250.00	7,000.00
	ENGINEER'S ESTIMATE			375.00	10,500.00
50203	m3	Grout			
	Tessa Structures		115	400.00	46,000.00
	FMC Civil Construction, LLC			380.00	43,700.00
	C&F Construction Company			535.00	61,525.00
	ENGINEER'S ESTIMATE			120.00	13,800.00
50204	Each	Undersealing holes			
	Tessa Structures		8	1,000.00	8,000.00
	FMC Civil Construction, LLC			100.00	800.00
	C&F Construction Company			2,400.00	19,200.00
	ENGINEER'S ESTIMATE			50.00	400.00
50204	Each	Undersealing holes (Arlington Memorial Bridge)			
	Tessa Structures		12	1,000.00	12,000.00
	FMC Civil Construction, LLC			200.00	2,400.00
	C&F Construction Company			2,400.00	28,800.00
	ENGINEER'S ESTIMATE			50.00	600.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55202AC	m3	Structural concrete, class A (AE), for substructure (backwall and east abutment retaining walls)			
		Tessa Structures	21	2,500.00	52,500.00
		FMC Civil Construction, LLC		1,800.00	37,800.00
		C&F Construction Company		4,500.00	94,500.00
		ENGINEER'S ESTIMATE		440.00	9,240.00
55202DD	m3	Structural concrete, class D (AE), for superstructure sidewalk (exposed aggregate finish)			
		Tessa Structures	100	650.00	65,000.00
		FMC Civil Construction, LLC		700.00	70,000.00
		C&F Construction Company		950.00	95,000.00
		ENGINEER'S ESTIMATE		480.00	48,000.00
55202DE	m3	Structural concrete, class D (AE), for bridge deck and sidewalk slab overlay (or Class E (AE) at contractor's option)			
		Tessa Structures	330	750.00	247,500.00
		FMC Civil Construction, LLC		1,020.00	336,600.00
		C&F Construction Company		920.00	303,600.00
		ENGINEER'S ESTIMATE		900.00	297,000.00
55209	m2	Repair concrete (arch repairs)			
		Tessa Structures	195	200.00	39,000.00
		FMC Civil Construction, LLC		1,200.00	234,000.00
		C&F Construction Company		1,250.00	243,750.00
		ENGINEER'S ESTIMATE		500.00	97,500.00
55210	m3	Repair concrete (inside of arch)			
		Tessa Structures	1	10,000.00	10,000.00
		FMC Civil Construction, LLC		3,000.00	3,000.00
		C&F Construction Company		29,150.00	29,150.00
		ENGINEER'S ESTIMATE		5,000.00	5,000.00
55212A	m2	Concrete color finish			
		Tessa Structures	1375	40.00	55,000.00
		FMC Civil Construction, LLC		16.49	22,673.75
		C&F Construction Company		25.50	35,062.50
		ENGINEER'S ESTIMATE		14.00	19,250.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55401	kg	Reinforcing steel			
	Tessa Structures		1650	5.00	8,250.00
	FMC Civil Construction, LLC			9.60	15,840.00
	C&F Construction Company			1.30	2,145.00
	ENGINEER'S ESTIMATE			1.10	1,815.00
55402	kg	Epoxy coated reinforcing steel (replacing deteriorated reinforcing)			
	Tessa Structures		350	5.00	1,750.00
	FMC Civil Construction, LLC			14.50	5,075.00
	C&F Construction Company			1.60	560.00
	ENGINEER'S ESTIMATE			2.00	700.00
55402	kg	Epoxy coated reinforcing steel (Arlington Memorial Bridge)			
	Tessa Structures		650	5.00	3,250.00
	FMC Civil Construction, LLC			12.00	7,800.00
	C&F Construction Company			1.40	910.00
	ENGINEER'S ESTIMATE			2.00	1,300.00
55502	m	Bridge expansion joints			
	Tessa Structures		55	800.00	44,000.00
	FMC Civil Construction, LLC			1,200.00	66,000.00
	C&F Construction Company			850.00	46,750.00
	ENGINEER'S ESTIMATE			470.00	25,850.00
55901	m2	Membrane waterproofing			
	Tessa Structures		2100	35.00	73,500.00
	FMC Civil Construction, LLC			36.00	75,600.00
	C&F Construction Company			95.00	199,500.00
	ENGINEER'S ESTIMATE			20.00	42,000.00
60406	Each	Inlet adjustment			
	Tessa Structures		12	500.00	6,000.00
	FMC Civil Construction, LLC			700.00	8,400.00
	C&F Construction Company			10,000.00	120,000.00
	ENGINEER'S ESTIMATE			550.00	6,600.00
60411	Each	Removing and resetting metal frame and grate (manholes)			
	Tessa Structures		7	500.00	3,500.00
	FMC Civil Construction, LLC			700.00	4,900.00
	C&F Construction Company			450.00	3,150.00
	ENGINEER'S ESTIMATE			550.00	3,850.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
60505	m2	Geocomposite sheet drain system			
	Tessa Structures		14	80.00	1,120.00
	FMC Civil Construction, LLC			220.00	3,080.00
	C&F Construction Company			60.00	840.00
	ENGINEER'S ESTIMATE			50.00	700.00
60901T	m	Portland cement concrete curb, 275 mm depth			
	Tessa Structures		10	100.00	1,000.00
	FMC Civil Construction, LLC			80.00	800.00
	C&F Construction Company			82.50	825.00
	ENGINEER'S ESTIMATE			25.00	250.00
60911	m	Granite bridge curb - resetting			
	Tessa Structures		260	120.00	31,200.00
	FMC Civil Construction, LLC			65.00	16,900.00
	C&F Construction Company			99.00	25,740.00
	ENGINEER'S ESTIMATE			50.00	13,000.00
61501B	m2	Portland cement concrete sidewalk at approaches (exposed aggregate finish)			
	Tessa Structures		135	100.00	13,500.00
	FMC Civil Construction, LLC			80.00	10,800.00
	C&F Construction Company			65.00	8,775.00
	ENGINEER'S ESTIMATE			43.00	5,805.00
61901EJ	m	Fence, wood stockade type, 2100 mm height			
	Tessa Structures		80	30.00	2,400.00
	FMC Civil Construction, LLC			47.00	3,760.00
	C&F Construction Company			24.00	1,920.00
	ENGINEER'S ESTIMATE			100.00	8,000.00
62004	m	Repoint stone masonry			
	Tessa Structures		100	30.00	3,000.00
	FMC Civil Construction, LLC			22.00	2,200.00
	C&F Construction Company			82.50	8,250.00
	ENGINEER'S ESTIMATE			20.00	2,000.00
62013	m2	Granite cobble paving			
	Tessa Structures		2100	85.00	178,500.00
	FMC Civil Construction, LLC			222.00	466,200.00
	C&F Construction Company			316.45	664,545.00
	ENGINEER'S ESTIMATE			60.00	126,000.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62018	LPSM	Clean stone masonry surfaces			
	Tessa Structures		ALL	90,000.00	90,000.00
	FMC Civil Construction, LLC			100,000.00	100,000.00
	C&F Construction Company			110,000.00	110,000.00
	ENGINEER'S ESTIMATE			220,000.00	220,000.00
62401H	m2	Furnishing and placing topsoil, 75 mm depth			
	Tessa Structures		2000	3.00	6,000.00
	FMC Civil Construction, LLC			5.67	11,340.00
	C&F Construction Company			3.20	6,400.00
	ENGINEER'S ESTIMATE			8.00	16,000.00
62509	ha	Turf establishment			
	Tessa Structures		0.2	10,000.00	2,000.00
	FMC Civil Construction, LLC			10,439.00	2,087.80
	C&F Construction Company			10,000.00	2,000.00
	ENGINEER'S ESTIMATE			4,500.00	900.00
63401HA	m	Pavement markings, type H, solid			
	Tessa Structures		100	15.00	1,500.00
	FMC Civil Construction, LLC			5.50	550.00
	C&F Construction Company			5.50	550.00
	ENGINEER'S ESTIMATE			3.00	300.00
63503A	Each	Advance warning arrow panel, type A			
	Tessa Structures		5	500.00	2,500.00
	FMC Civil Construction, LLC			4,000.00	20,000.00
	C&F Construction Company			5,000.00	25,000.00
	ENGINEER'S ESTIMATE			2,000.00	10,000.00
63505C	Each	Barricade, type 3			
	Tessa Structures		15	500.00	7,500.00
	FMC Civil Construction, LLC			350.00	5,250.00
	C&F Construction Company			300.00	4,500.00
	ENGINEER'S ESTIMATE			320.00	4,800.00
63506A	Each	Cone, type A			
	Tessa Structures		16	25.00	400.00
	FMC Civil Construction, LLC			30.00	480.00
	C&F Construction Company			45.00	720.00
	ENGINEER'S ESTIMATE			15.00	240.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63506C	Each	Cone, type C			
	Tessa Structures		19	25.00	475.00
	FMC Civil Construction, LLC			30.00	570.00
	C&F Construction Company			50.00	950.00
	ENGINEER'S ESTIMATE			30.00	570.00
63507	m2	Construction sign			
	Tessa Structures		103	30.00	3,090.00
	FMC Civil Construction, LLC			120.00	12,360.00
	C&F Construction Company			163.00	16,789.00
	ENGINEER'S ESTIMATE			150.00	15,450.00
63508B	Each	Drum, type B			
	Tessa Structures		125	65.00	8,125.00
	FMC Civil Construction, LLC			80.00	10,000.00
	C&F Construction Company			75.00	9,375.00
	ENGINEER'S ESTIMATE			42.00	5,250.00
63511	m	Temporary concrete barrier			
	Tessa Structures		375	75.00	28,125.00
	FMC Civil Construction, LLC			88.00	33,000.00
	C&F Construction Company			82.50	30,937.50
	ENGINEER'S ESTIMATE			95.00	35,625.00
63512	m	Moving temporary concrete barrier			
	Tessa Structures		525	15.00	7,875.00
	FMC Civil Construction, LLC			13.00	6,825.00
	C&F Construction Company			16.50	8,662.50
	ENGINEER'S ESTIMATE			11.00	5,775.00
63514	m	Temporary pavement markings			
	Tessa Structures		1800	5.00	9,000.00
	FMC Civil Construction, LLC			4.40	7,920.00
	C&F Construction Company			4.40	7,920.00
	ENGINEER'S ESTIMATE			3.00	5,400.00
63521A	Each	Warning light, type A			
	Tessa Structures		25	25.00	625.00
	FMC Civil Construction, LLC			100.00	2,500.00
	C&F Construction Company			750.00	18,750.00
	ENGINEER'S ESTIMATE			50.00	1,250.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63521C	Each	Warning light, type C			
	Tessa Structures		140	25.00	3,500.00
	FMC Civil Construction, LLC			100.00	14,000.00
	C&F Construction Company			50.00	7,000.00
	ENGINEER'S ESTIMATE			35.00	4,900.00
63524	Each	Variable message sign			
	Tessa Structures		10	1,500.00	15,000.00
	FMC Civil Construction, LLC			17,500.00	175,000.00
	C&F Construction Company			15,000.00	150,000.00
	ENGINEER'S ESTIMATE			5,000.00	50,000.00
63525C	Each	Temporary crash cushion, QUADGUARDcz system			
	Tessa Structures		2	10,000.00	20,000.00
	FMC Civil Construction, LLC			15,000.00	30,000.00
	C&F Construction Company			15,000.00	30,000.00
	ENGINEER'S ESTIMATE			4,150.00	8,300.00
63526	Each	Moving temporary crash cushion			
	Tessa Structures		2	500.00	1,000.00
	FMC Civil Construction, LLC			1,500.00	3,000.00
	C&F Construction Company			1,000.00	2,000.00
	ENGINEER'S ESTIMATE			830.00	1,660.00
63527A	Each	Replacement cartridges for crash cushion			
	Tessa Structures		2	2,500.00	5,000.00
	FMC Civil Construction, LLC			900.00	1,800.00
	C&F Construction Company			900.00	1,800.00
	ENGINEER'S ESTIMATE			700.00	1,400.00
63701	Each	Field office			
	Tessa Structures		1	10,000.00	10,000.00
	FMC Civil Construction, LLC			30,000.00	30,000.00
	C&F Construction Company			40,000.00	40,000.00
	ENGINEER'S ESTIMATE			5,000.00	5,000.00
64001	m2	Removal of concrete (hydrodemolition) deck			
	Tessa Structures		2250	75.00	168,750.00
	FMC Civil Construction, LLC			156.00	351,000.00
	C&F Construction Company			88.16	198,360.00
	ENGINEER'S ESTIMATE			230.00	517,500.00

TABULATION OF BIDS

Date: 05/23/01

Schedule: B

Project No.: PRA-GWMP 11(1)

Project Name: GEORGE WASHINGTON MEMORIAL PARKWAY - MEMORIAL DRIVE AND ARLINGTON

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
64001	m2	Removal of concrete (hydrodemolition) sidewalk slab			
	Tessa Structures		952	40.00	38,080.00
	FMC Civil Construction, LLC			108.00	102,816.00
	C&F Construction Company			47.00	44,744.00
	ENGINEER'S ESTIMATE			230.00	218,960.00