

ESTIMATE OF PROBABLE COST

Keep Broken Arrow Beautiful
Jim & Peggy Nelson Commemorative Rose Garden Master Plan
11 September 2015

PHASE 1

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	CRUSHED GRANITE PATHS	TON	80.8	\$300.00	\$24,240.00
SP	IRRIGATION SYSTEM	LSUM	1	\$100,000.00	\$100,000.00
SP	PLANTING	SF	23735.4	\$12.00	\$284,824.80
SP	SITE AMENITIES (Benches)	EA	6	\$2,500.00	\$15,000.00
SP	SITE AMENITIES (Litter Receptacles)	EA	3	\$1,500.00	\$4,500.00
SP	SITE AMENITIES (Donation Markers)	EA	20	\$1,000.00	\$20,000.00
SP	TREE GRATES	EA	12	\$2,000.00	\$24,000.00
SP	CU STRUCTURAL SOIL	CY	71.1	\$110.00	\$7,821.00
SP	CANOPY TREES	EA	11	\$750.00	\$8,250.00
SP	EVERGREEN TREES - FOSTER'S HOLLY (TREE GROVE)	EA	40	\$500.00	\$20,000.00
SP	EVERGREEN TREES - BURFORD HOLLY (PERIMETER SCREEN)	EA	54	\$300.00	\$16,200.00
SP	ENTRY SIGNAGE FEATURE	LSUM	1	\$10,000.00	\$10,000.00
SP	UTILITIES	LSUM	1	\$25,000.00	\$25,000.00
202(A)	UNCLASSIFIED EXCAVATION	CY	999.8	\$16.00	\$15,996.80
202(B)	UNCLASSIFIED BORROW	CY	2025.6	\$20.00	\$40,512.00
221(C)	TEMPORARY SILT FENCE	LF	2000	\$2.50	\$5,000.00
230 (A)	MEYERS ZOYSIA SODDING	SY	7367.7	\$3.00	\$22,103.10
303	AGGREGATE BASE - TYPE A	CY	844.5	\$42.00	\$35,469.00
310(B)	SUBGRADE METHOD B	SY	1545.4	\$3.25	\$5,022.55
325	SEPARATOR FABRIC	SY	500	\$3.00	\$1,500.00
326	GEOGRID	SY	500	\$8.00	\$4,000.00
411 (C)	ASPHALTIC CONCRETE TYPE C	TON	214.3	\$85.00	\$18,215.50
414 (A)	8" INTEGRAL COLOR & STAMPED P.C. CONCRETE PAVEMENT	SY	270	\$132.00	\$35,640.00
509(A)	INTERLOCKING RETAINING WALL	SF	1090.5	\$27.00	\$29,443.50
609(B)	COMBINED CURB & GUTTER	LF	1364	\$22.00	\$30,008.00
610(A)	5" CONCRETE SIDEWALK	SY	845.8	\$48.00	\$40,598.40
610(A)	5" INTEGRAL COLOR CONCRETE SIDEWALK	SY	684.8	\$75.00	\$51,360.00
610(I)	TACTILE WARNING DEVICES	SF	32	\$40.00	\$1,280.00
619(B)	REMOVAL OF ROADWAY PAVEMENT	SY	6163.8	\$12.00	\$73,965.60
619(B)	REMOVAL OF EXISTING TREES	EA	20	\$500.00	\$10,000.00
619(B)	REMOVAL OF EXISTING POWER POLE	EA	1	\$400.00	\$400.00
622(A)	PIPE RAILING	LF	363.5	\$70.00	\$25,445.00
641	MOBILIZATION	EA	1	\$35,711.66	\$35,711.66
642	CONSTRUCTION STAKING	LSUM	1	\$7,500.00	\$7,500.00
809 (C)	PATHWAY LIGHTING	EA	36	\$2,000.00	\$72,000.00
809 (C)	AREA LIGHTING	EA	12	\$8,000.00	\$96,000.00
809 (C)	SIGN LIGHTING	EA	4	\$500.00	\$2,000.00
850(A)	SHEET ALUMINUM SIGNS	SF	6.0	\$32.00	\$192.00
851(C)	3 INCH SQUARE TUBE POST (BLACK)	LF	30.0	\$20.00	\$600.00
854(B)	TRAFFIC STRIPE (PAINT) (SYMBOLS)	EA	13	\$350.00	\$4,550.00
855(A)	TRAFFIC STRIPE (THERMOPLASTIC) (4" WIDE)(WHITE)	LF	614.5	\$2.85	\$1,751.33

SUBTOTAL	\$1,226,100.23
20% CONTINGENCY	\$245,220.05
SURVEY	\$12,000.00
RLS DESIGN FEES	\$122,610.02
TESTING & INSPECTION	\$73,566.01
PHASE I TOTAL	\$1,679,496.32

FUNDING PACKAGES:

BUILDING + PLAZA

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	SITE AMENITIES (Benches)	EA	6	\$2,500.00	\$15,000.00
SP	SITE AMENITIES (Litter Receptacles)	EA	3	\$1,500.00	\$4,500.00
SP	TREE GRATES	EA	2	\$2,000.00	\$4,000.00
SP	CU STRUCTURAL SOIL	CY	11.9	\$110.00	\$1,309.00
SP	EVERGREEN TREES - FOSTER'S HOLLY (TREE GROVE)	EA	2	\$500.00	\$1,000.00
SP	PAVILION	SF	3500	\$200.00	\$700,000.00
303	AGGREGATE BASE - TYPE A	CY	103.7	\$42.00	\$4,355.40
610(A)	5" INTEGRAL COLOR CONCRETE SIDEWALK	SY	622.2	\$75.00	\$46,665.00
619 (B)	REMOVAL OF CONCRETE SIDEWALK	SY	194.5	\$5.00	\$972.50
641	MOBILIZATION	EA	1	\$23,334.06	\$23,334.06

BUILDING + PLAZA SUBTOTAL \$801,135.96

FOUNTAIN + REFLECTING POOL

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	FOUNTAIN	LSUM	1	\$150,000.00	\$150,000.00
SP	REFLECTING POOL	LSUM	1	\$250,000.00	\$250,000.00
641	MOBILIZATION	EA	1	\$12,000.00	\$12,000.00

FOUNTAIN + REFLECTING POOL SUBTOTAL \$412,000.00

ROUND-ABOUT + ROADWAY

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	IRRIGATION	LSUM	1	\$10,000.00	\$10,000.00
SP	PLANTINGS	SF	5080.5	\$12.00	\$60,966.00
221(C)	TEMPORARY SILT FENCE	LF	1200	\$2.50	\$3,000.00
230 (A)	MEYERS ZOYSIA SODDING	SY	835.3	\$3.00	\$2,505.90
303	AGGREGATE BASE - TYPE A	CY	288.2	\$42.00	\$12,104.40
310(B)	SUBGRADE METHOD B	SY	1729	\$3.25	\$5,619.25
325	SEPARATOR FABRIC	SY	500	\$3.00	\$1,500.00
326	GEOGRID	SY	500	\$8.00	\$4,000.00
411 (C)	ASPHALTIC CONCRETE TYPE C	TON	290.5	\$85.00	\$24,692.50
609(B)	COMBINED CURB & GUTTER	LF	1572.2	\$22.00	\$34,588.40
619(B)	REMOVAL OF ROADWAY PAVEMENT	SY	1385.6	\$12.00	\$16,627.20
641	MOBILIZATION	EA	1	\$5,315.82	\$5,315.82
854(B)	TRAFFIC STRIPE (PAINT) (SYMBOLS)	EA	4	\$350.00	\$1,400.00
855(A)	TRAFFIC STRIPE (THERMOPLASTIC) (4" WIDE)(WHITE)	LF	66.8	\$2.85	\$190.38

ROUND-ABOUT + ROADWAY SUBTOTAL \$182,509.85**ENTRY DRIVEWAY PLANTINGS**

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	IRRIGATION	LSUM	1	\$15,000.00	\$15,000.00
SP	PLANTINGS	SF	11883.6	\$12.00	\$142,603.20
SP	CANOPY TREES	EA	29	\$750.00	\$21,750.00
641	MOBILIZATION	EA	1	\$5,380.60	\$5,380.60

ENTRY DRIVEWAY PLANTINGS SUBTOTAL \$184,733.80**LAKE + PEDESTRIAN BRIDGE**

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	PEDESTRIAN BRIDGE	LF	67	\$1,800.00	\$120,600.00
SP	LAKE (2 LEVELS WITH RETAINING WALL & RECIRCULATING WATERFALL)	LSUM	1	\$350,000.00	\$350,000.00
641	MOBILIZATION	EA	1	\$14,118.00	\$14,118.00

LAKE + PEDESTRIAN BRIDGE SUBTOTAL \$484,718.00**WOODLAND GARDEN**

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	IRRIGATION	LSUM	1	\$75,000.00	\$75,000.00
SP	CRUSHED GRANITE PATHS	TON	45	\$300.00	\$13,500.00
SP	PLANTING	SF	34634.8	\$12.00	\$415,617.60
SP	CANOPY TREES	EA	32	\$750.00	\$24,000.00
SP	ORNAMENTAL TREES	EA	33	\$500.00	\$16,500.00
SP	EVERGREEN TREES - BURFORD HOLLY (PERIMETER SCREEN)	EA	92	\$300.00	\$27,600.00
202(A)	UNCLASSIFIED EXCAVATION	CY	500	\$16.00	\$8,000.00
202(B)	UNCLASSIFIED BORROW	CY	500	\$20.00	\$10,000.00
221(C)	TEMPORARY SILT FENCE	LF	800	\$2.50	\$2,000.00
230 (A)	MEYERS ZOYSIA SODDING	SY	3544.6	\$3.00	\$10,633.80
303	AGGREGATE BASE - TYPE A	CY	191.1	\$42.00	\$8,026.20
610(A)	5" CONCRETE SIDEWALK	SY	895.9	\$48.00	\$43,003.20
619(B)	REMOVAL OF EXISTING TREES	EA	4	\$500.00	\$2,000.00
619(B)	REMOVAL OF EXISTING LIGHT POLES	EA	2	\$400.00	\$800.00
641	MOBILIZATION	EA	1	\$19,700.42	\$19,700.42

WOODLAND GARDEN SUBTOTAL \$676,381.22**GAZEBO + POND & STREAM**

Item Spec #	Description	Unit	Quantity	Unit Price	Total
SP	GAZEBO	LSUM	1	\$40,000.00	\$40,000.00
SP	POND & STREAM (WITH RETAINING WALL & RECIRCULATING WATERFALL)	LSUM	1	\$150,000.00	\$150,000.00
641	MOBILIZATION	EA	1	\$5,700.00	\$5,700.00

GAZEBO + POND & STREAM SUBTOTAL \$195,700.00**FUNDING PACKAGES SUBTOTAL \$2,937,178.83**

20% CONTINGENCY \$587,435.77

SURVEY \$12,000.00

RLS DESIGN FEES (10%) \$293,717.88

TESTING & INSPECTION (6%) \$176,230.73

FUNDING PACKAGES TOTAL \$4,006,563.21**PHASE 1 + FUNDING PACKAGES TOTAL \$5,686,059.52**