



DATE January 9, 2023

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON E. COURT AVENUE RECONSTRUCTION FROM DES MOINES RIVER TO E. 7TH STREET; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS JASPER CONSTRUCTION SERVICES, INC., CLIFF RHOADS, PRESIDENT, \$6,893,459.00**

WHEREAS, on November 21, 2022, under Roll Call No. 22-1774, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

E. Court Avenue Reconstruction from Des Moines River to E. 7th Street, 062020015

The improvement includes the reconstruction of E. Court Avenue with Portland Cement Concrete (PCC) curb and gutter, PCC bike lanes, PCC sidewalk and driveways, Hot Mix Asphalt (HMA) paving, modified subbase, removals, storm sewer, subdrain, grading, water main construction, site furnishings, trees, erosion control and restoration, and other incidental items; all in accordance with the contract documents, including Plan File No. 645-144/318, located along E. Court Avenue from the Des Moines River to east of E. 7th Street, Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- Jasper Construction Services, Inc., Newton, IA - Low Bid
- Absolute Concrete Construction, Inc. dba Absolute Group,
- Corell Contractor, Inc., West Des Moines, IA
- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA
- Synergy Contracting, LLC, Altoona, IA

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on December 13, 2022. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA, 50208 in the amount of \$6,893,459.00, and said bid be and the same is hereby accepted.



**Roll Call Number**

**Agenda Item Number** 48

DATE January 9, 2023

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary closure of all public grounds, streets, sidewalks, alleys, bridges, culverts, overpasses, underpasses, grade crossing separations and approaches, public ways, squares, and commons for the Project.

(City Council Communication Number 23-015 attached)

Moved by \_\_\_\_\_ to adopt. Second by \_\_\_\_\_

FORM APPROVED:

FUNDS AVAILABLE

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance

Funding Source: 2022-23 CIP, Page 167, LOSST Street Improvements, ST800, LOSST Monies, Being: \$5,756,932 Local Option Sales and Service Tax (LOSST) Funding, and the remaining \$1,136,527 American Rescue Plan Act (ARPA) Funding for Water Main

SLN  
pw

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED				APPROVED

I, Laura Baumgartner, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

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TABULATED BY: N. Smith APPROVED BY: *P. Wages*  
CHECKED BY: *Jarrett Bullard*

**CONTRACTOR'S BID TABULATION**  
PROJECT: E. COURT AVENUE RECONSTRUCTION FROM DES MOINES RIVER TO E. 7TH STREET

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
0001	CLEARING AND GRUBBING	1 LS	\$15,000.00	\$15,000.00	\$11,600.00	\$11,600.00	\$12,915.00	\$12,915.00	\$14,500.00	\$14,500.00
0002	EXCAVATION, CLASS 10 ROADWAY + BORROW	2920 CY	\$20.00	\$58,400.00	\$35.00	\$102,200.00	\$28.00	\$81,760.00	\$75.00	\$219,000.00
0003	SUBGRADE PREPARATION, 12 IN.	22370 SY	\$5.00	\$111,850.00	\$7.00	\$156,590.00	\$3.75	\$83,887.50	\$8.00	\$178,960.00
0004	GRANULAR STABILIZATION, 3" CLEAN CRUSHED STONE	900 CY	\$25.00	\$22,500.00	\$20.00	\$18,000.00	\$93.00	\$83,700.00	\$110.00	\$99,000.00
0005	SUBGRADE TREATMENT, GEOGRID, TYPE 2	5000 SY	\$5.00	\$25,000.00	\$4.00	\$20,000.00	\$6.00	\$30,000.00	\$6.00	\$30,000.00
0006	MODIFIED SUBBASE, 6 IN.	22370 SY	\$8.00	\$178,960.00	\$15.00	\$335,550.00	\$14.25	\$318,772.50	\$14.50	\$324,365.00
0007	STORM SEWER, TRENCHED, 15 IN.	811 LF	\$80.00	\$64,880.00	\$128.00	\$103,808.00	\$140.00	\$113,540.00	\$195.00	\$158,145.00
0008	STORM SEWER, TRENCHED, 18 IN.	240 LF	\$85.00	\$20,400.00	\$119.00	\$28,560.00	\$150.00	\$36,000.00	\$200.00	\$48,000.00
0009	STORM SEWER, TRENCHED, 24 IN.	42 LF	\$100.00	\$4,200.00	\$165.00	\$6,930.00	\$240.00	\$10,080.00	\$280.00	\$11,760.00
0010	STORM SEWER, TRENCHED, 36 IN.	36 LF	\$150.00	\$5,400.00	\$239.00	\$8,604.00	\$340.00	\$12,240.00	\$365.00	\$13,140.00
0011	STORM SEWER, TRENCHED, 42 IN.	172 LF	\$225.00	\$38,700.00	\$294.00	\$50,568.00	\$345.00	\$59,340.00	\$400.00	\$68,800.00
0012	REMOVAL OF STORM SEWER LESS THAN OR EQUAL TO 36 IN.	475 LF	\$30.00	\$14,250.00	\$45.00	\$21,375.00	\$40.00	\$19,000.00	\$50.00	\$23,750.00
0013	SUBDRAIN, 6 IN.	6118 LF	\$20.00	\$122,360.00	\$26.00	\$159,068.00	\$31.00	\$189,658.00	\$30.50	\$186,599.00
0014	SUBDRAIN OUTLETS AND CONNECTIONS	60 EA	\$350.00	\$21,000.00	\$375.00	\$22,500.00	\$485.00	\$29,100.00	\$500.00	\$30,000.00
0015	WATER MAIN, TRENCHED, DIP, 4 IN.	141 LF	\$100.00	\$14,100.00	\$158.00	\$22,278.00	\$145.00	\$20,445.00	\$222.00	\$31,302.00
0016	WATER MAIN, TRENCHED, DIP, 6 IN.	283 LF	\$115.00	\$32,545.00	\$130.00	\$36,790.00	\$155.00	\$43,865.00	\$300.00	\$84,900.00
0017	WATER MAIN, TRENCHED, DIP, 8 IN.	342 LF	\$140.00	\$47,880.00	\$158.00	\$54,036.00	\$160.00	\$54,720.00	\$305.00	\$104,310.00
0018	WATER MAIN, TRENCHED, DIP, 12 IN.	2352 LF	\$165.00	\$388,080.00	\$149.00	\$350,448.00	\$172.00	\$404,544.00	\$221.00	\$519,792.00
0019	WATER MAIN WITH CASING PIPE, DIP, 8 IN.	46 LF	\$800.00	\$36,800.00	\$262.00	\$12,052.00	\$542.00	\$24,932.00	\$530.00	\$24,380.00
0020	FITTING BY WEIGHT, DUCTILE IRON	5743 LB	\$15.00	\$86,145.00	\$31.00	\$178,033.00	\$28.00	\$160,804.00	\$20.00	\$114,860.00
0021	WATER SERVICE, 1 IN.	6 EA	\$2,500.00	\$15,000.00	\$6,600.00	\$39,600.00	\$3,600.00	\$21,600.00	\$5,000.00	\$30,000.00
0022	WATER SERVICE, 4 IN.	4 EA	\$4,500.00	\$18,000.00	\$9,100.00	\$36,400.00	\$9,850.00	\$39,400.00	\$6,500.00	\$26,000.00
0023	WATER SERVICE, 6 IN.	4 EA	\$6,500.00	\$26,000.00	\$8,500.00	\$34,000.00	\$10,150.00	\$40,600.00	\$6,500.00	\$26,000.00
0024	VALVE, GATE, DIP, 4 IN.	3 EA	\$2,000.00	\$6,000.00	\$1,700.00	\$5,100.00	\$2,095.00	\$6,285.00	\$1,700.00	\$5,100.00
0025	VALVE, GATE, DIP, 6 IN.	4 EA	\$2,500.00	\$10,000.00	\$1,900.00	\$7,600.00	\$2,350.00	\$9,400.00	\$1,900.00	\$7,600.00
0026	VALVE, GATE, DIP, 8 IN.	7 EA	\$3,500.00	\$24,500.00	\$3,000.00	\$21,000.00	\$2,900.00	\$20,300.00	\$3,000.00	\$21,000.00
0027	VALVE, GATE, DIP, 12 IN.	10 EA	\$4,500.00	\$45,000.00	\$5,000.00	\$50,000.00	\$4,400.00	\$44,000.00	\$5,000.00	\$50,000.00
0028	FIRE HYDRANT ASSEMBLY WM-201	8 EA	\$9,000.00	\$72,000.00	\$10,500.00	\$84,000.00	\$6,995.00	\$55,960.00	\$9,100.00	\$72,800.00
0029	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	2 EA	\$5,000.00	\$10,000.00	\$7,300.00	\$14,600.00	\$6,000.00	\$12,000.00	\$9,150.00	\$18,300.00
0030	CONNECTION TO EXISTING WATER SYSTEM	9 EA	\$5,000.00	\$45,000.00	\$5,200.00	\$46,800.00	\$6,500.00	\$58,500.00	\$10,000.00	\$90,000.00
0031	ABANDONMENT OF EXISTING WATER MAIN	3130 LF	\$30.00	\$93,900.00	\$21.00	\$65,730.00	\$15.00	\$46,950.00	\$33.00	\$103,290.00
0032	32 LB MAGNESIUM ANODE	46 EA	\$750.00	\$34,500.00	\$1,350.00	\$62,100.00	\$800.00	\$36,800.00	\$1,275.00	\$58,650.00
0033	MANHOLE, STORM SEWER, SW-401, 72 IN.	3 EA	\$10,000.00	\$30,000.00	\$11,600.00	\$34,800.00	\$16,750.00	\$50,250.00	\$21,000.00	\$63,000.00
0034	MANHOLE, STORM SEWER, SW-401, 72 IN. TOP ONLY	1 EA	\$4,000.00	\$4,000.00	\$2,900.00	\$2,900.00	\$3,400.00	\$3,400.00	\$3,600.00	\$3,600.00
0035	MANHOLE, STORM SEWER, SW-401, 48 IN. TOP ONLY	1 EA	\$3,500.00	\$3,500.00	\$2,200.00	\$2,200.00	\$2,575.00	\$2,575.00	\$2,800.00	\$2,800.00
0036	MANHOLE, STORM SEWER, SW-401, 60 IN. TOP ONLY	1 EA	\$4,000.00	\$4,000.00	\$2,600.00	\$2,600.00	\$2,885.00	\$2,885.00	\$3,250.00	\$3,250.00
0037	INTAKE, SINGLE GRATE, SW-501	7 EA	\$5,500.00	\$38,500.00	\$5,200.00	\$36,400.00	\$3,250.00	\$22,750.00	\$4,500.00	\$31,500.00
0038	INTAKE, SIGNLE GRATE, SW-501 TOP ONLY	10 EA	\$3,000.00	\$30,000.00	\$3,250.00	\$32,500.00	\$2,300.00	\$23,000.00	\$2,600.00	\$26,000.00
0039	INTAKE, DOUBLE GRATE, SW-505	29 EA	\$7,500.00	\$217,500.00	\$7,200.00	\$208,800.00	\$6,500.00	\$188,500.00	\$6,400.00	\$185,600.00
0040	INTAKE, DOUBLE GRATE, SW-505 DOGHOUSE	1 EA	\$9,000.00	\$9,000.00	\$10,300.00	\$10,300.00	\$12,000.00	\$12,000.00	\$10,500.00	\$10,500.00
0041	INTAKE, DOUBLE GRATE, SW-505 TOP ONLY	1 EA	\$4,000.00	\$4,000.00	\$4,700.00	\$4,700.00	\$8,000.00	\$8,000.00	\$2,500.00	\$2,500.00
0042	INTAKE, DOUBLE GRATE WITH MANHOLE, SW-506	3 EA	\$9,000.00	\$27,000.00	\$10,400.00	\$31,200.00	\$9,750.00	\$29,250.00	\$8,000.00	\$24,000.00
0043	MANHOLE ADJUSTMENT, MINOR	24 EA	\$2,500.00	\$60,000.00	\$2,600.00	\$62,400.00	\$1,200.00	\$28,800.00	\$2,750.00	\$66,000.00
0044	MANHOLE ADJUSTMENT, MAJOR	22 EA	\$4,000.00	\$88,000.00	\$4,500.00	\$99,000.00	\$2,725.00	\$59,950.00	\$4,500.00	\$99,000.00
0045	CONNECTION TO EXISTING MH	10 EA	\$2,500.00	\$25,000.00	\$5,000.00	\$50,000.00	\$4,000.00	\$40,000.00	\$4,500.00	\$45,000.00
0046	REMOVAL OF INTAKE/MH	23 EA	\$3,500.00	\$80,500.00	\$950.00	\$21,850.00	\$525.00	\$12,075.00	\$1,500.00	\$34,500.00
0047	REMOVAL OF INTAKE - TOP ONLY	15 EA	\$2,000.00	\$30,000.00	\$900.00	\$13,500.00	\$450.00	\$6,750.00	\$3,350.00	\$50,250.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
0048	PAVEMENT, PCC, CLASS C-SUD, 8 IN	12526 SY	\$85.00	\$1,064,710.00	\$90.00	\$1,127,340.00	\$115.00	\$1,440,490.00	\$100.00	\$1,252,600.00
0049	PAVEMENT, HMA, 8 IN	7486 SY	\$80.00	\$598,880.00	\$55.00	\$411,730.00	\$61.75	\$462,260.50	\$56.40	\$422,210.40
0050	REMOVAL OF SIDEWALK	5882 SY	\$20.00	\$117,640.00	\$15.00	\$88,230.00	\$15.00	\$88,230.00	\$15.00	\$88,230.00
0051	REMOVAL OF DRIVEWAY	930 SY	\$20.00	\$18,600.00	\$15.00	\$13,950.00	\$15.00	\$13,950.00	\$15.00	\$13,950.00
0052	SIDEWALK, PCC, 5 IN.	8106 SY	\$85.00	\$689,010.00	\$85.00	\$689,010.00	\$95.00	\$770,070.00	\$52.50	\$425,565.00
0053	SIDEWALK, PCC, 4 IN.	585 SY	\$80.00	\$46,800.00	\$68.00	\$39,780.00	\$85.00	\$49,725.00	\$63.00	\$36,855.00
0054	DETECTABLE WARNING	840 SF	\$50.00	\$42,000.00	\$55.00	\$46,200.00	\$55.00	\$46,200.00	\$47.25	\$39,690.00
0055	DRIVEWAY, PCC, 7 IN.	855 SY	\$90.00	\$76,950.00	\$86.00	\$73,530.00	\$165.00	\$141,075.00	\$63.00	\$53,865.00
0056	TEMPORARY PAVEMENT, HMA	1260 SY	\$20.00	\$25,200.00	\$69.00	\$86,940.00	\$60.00	\$75,600.00	\$70.00	\$88,200.00
0057	TEMPORARY GRANULAR SURFACING	150 TON	\$50.00	\$7,500.00	\$60.00	\$9,000.00	\$42.00	\$6,300.00	\$40.00	\$6,000.00
0058	PAVEMENT REMOVAL	21495 SY	\$20.00	\$429,900.00	\$15.00	\$322,425.00	\$10.25	\$220,323.75	\$22.00	\$472,890.00
0059	TRAFFIC SIGNAL MODIFICATIONS - E 4TH STREET	1 LS	\$30,000.00	\$30,000.00	\$34,329.00	\$34,329.00	\$35,000.00	\$35,000.00	\$36,045.00	\$36,045.00
0060	TRAFFIC SIGNAL MODIFICATIONS - E 6TH STREET	1 LS	\$125,000.00	\$125,000.00	\$77,646.00	\$77,646.00	\$80,000.00	\$80,000.00	\$81,525.00	\$81,525.00
0061	RECTANGULAR RAPID FLASHING BEACON, REMOVE AND REINSTALL	2 EA	\$7,500.00	\$15,000.00	\$4,985.00	\$9,970.00	\$5,000.00	\$10,000.00	\$5,235.00	\$10,470.00
0062	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	363 STA	\$100.00	\$36,300.00	\$100.00	\$36,300.00	\$100.00	\$36,300.00	\$105.00	\$38,115.00
0063	PERMANENT TAPE MARKINGS, PROFILE PAVEMENT MARKING TAPE	93 STA	\$200.00	\$18,600.00	\$650.00	\$60,450.00	\$650.00	\$60,450.00	\$682.00	\$63,426.00
0064	PAINTED SYMBOLS AND LEGENDS, DURABLE	40 EA	\$300.00	\$12,000.00	\$150.00	\$6,000.00	\$150.00	\$6,000.00	\$157.00	\$6,280.00
0065	PAINTED PAVEMENT MARKINGS, METHYL METHACRYLATE (MMA)	5774 SF	\$10.00	\$57,740.00	\$14.00	\$80,836.00	\$14.00	\$80,836.00	\$14.70	\$84,877.80
0066	PAVEMENT MARKINGS REMOVED	52 STA	\$35.00	\$1,820.00	\$50.00	\$2,600.00	\$50.00	\$2,600.00	\$52.50	\$2,730.00
0067	GROOVES CUT FOR PAVEMENT MARKINGS	533 STA	\$30.00	\$15,990.00	\$40.00	\$21,320.00	\$40.00	\$21,320.00	\$42.00	\$22,386.00
0068	GROOVES CUT FOR SYMBOLS AND LEGENDS	40 EA	\$200.00	\$8,000.00	\$120.00	\$4,800.00	\$120.00	\$4,800.00	\$126.00	\$5,040.00
0069	TYPE A SIGN, SHEET ALUMINUM	236 SF	\$25.00	\$5,900.00	\$33.00	\$7,788.00	\$30.00	\$7,080.00	\$31.50	\$7,434.00
0070	SIGN POST, ROUND, STEEL POST	20 EA	\$110.00	\$2,200.00	\$285.00	\$5,700.00	\$300.00	\$6,000.00	\$315.00	\$6,300.00
0071	METER POST, ROUND, STEEL POST	21 EA	\$500.00	\$10,500.00	\$205.00	\$4,305.00	\$200.00	\$4,200.00	\$210.00	\$4,410.00
0072	REMOVAL OF SIGN AND SIGN POST	61 EA	\$25.00	\$1,525.00	\$50.00	\$3,050.00	\$100.00	\$6,100.00	\$105.00	\$6,405.00
0073	REMOVE AND REINSTALL SIGN, AS PER PLAN	16 EA	\$250.00	\$4,000.00	\$205.00	\$3,280.00	\$250.00	\$4,000.00	\$262.50	\$4,200.00
0074	REMOVE BOLLARDS	8 EA	\$500.00	\$4,000.00	\$105.00	\$840.00	\$200.00	\$1,600.00	\$500.00	\$4,000.00
0075	TEMPORARY TRAFFIC CONTROL	1 LS	\$150,000.00	\$150,000.00	\$36,100.00	\$36,100.00	\$95,000.00	\$95,000.00	\$71,715.00	\$71,715.00
0076	SOD	360 SQ	\$200.00	\$72,000.00	\$81.00	\$29,160.00	\$125.00	\$45,000.00	\$126.00	\$45,360.00
0077	WATERING	84 MGAL	\$60.00	\$5,040.00	\$50.00	\$4,200.00	\$65.00	\$5,460.00	\$63.00	\$5,292.00
0078	PLANTS WITH WARRANTY, OVERSTORY TREES, 2" CAL.	75 EA	\$800.00	\$60,000.00	\$590.00	\$44,250.00	\$500.00	\$37,500.00	\$420.00	\$31,500.00
0079	PREPARATION OF LANDSCAPE PLANTER	75 EA	\$2,500.00	\$187,500.00	\$325.00	\$24,375.00	\$700.00	\$52,500.00	\$630.00	\$47,250.00
0080	HARDWOOD MULCH	35 CY	\$75.00	\$2,625.00	\$120.00	\$4,200.00	\$150.00	\$5,250.00	\$105.00	\$3,675.00
0081	TREE TRUNK PROTECTION	48 EA	\$400.00	\$19,200.00	\$125.00	\$6,000.00	\$250.00	\$12,000.00	\$210.00	\$10,080.00
0082	TREE PROTECTION FENCE	1700 LF	\$15.00	\$25,500.00	\$2.50	\$4,250.00	\$5.00	\$8,500.00	\$4.20	\$7,140.00
0083	LITTER RECEPTACLE	4 EA	\$750.00	\$3,000.00	\$325.00	\$1,300.00	\$2,500.00	\$10,000.00	\$2,625.00	\$10,500.00
0084	BIKE RACK	9 EA	\$750.00	\$6,750.00	\$325.00	\$2,925.00	\$2,100.00	\$18,900.00	\$2,205.00	\$19,845.00
0085	SWPPP PREPARATION	1 LS	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00	\$2,100.00	\$2,100.00
0086	SWPPP MANAGEMENT	1 LS	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$9,450.00	\$9,450.00
0087	FILTER SOCK, 9 IN.	4000 LF	\$3.00	\$12,000.00	\$0.75	\$3,000.00	\$5.00	\$20,000.00	\$2.10	\$8,400.00
0088	FILTER SOCKS, REMOVAL	4000 LF	\$1.00	\$4,000.00	\$0.10	\$400.00	\$1.00	\$4,000.00	\$0.26	\$1,040.00
0089	EROSION CONTROL MULCHING, HYDROMULCHING	2 AC	\$3,000.00	\$6,000.00	\$500.00	\$1,000.00	\$3,500.00	\$7,000.00	\$3,675.00	\$7,350.00
0090	INLET PROTECTION DEVICE	51 EA	\$350.00	\$17,850.00	\$95.00	\$4,845.00	\$175.00	\$8,925.00	\$184.00	\$9,384.00
0091	INLET PROTECTION DEVICE, MAINTENANCE	51 EA	\$150.00	\$7,650.00	\$5.00	\$255.00	\$25.00	\$1,275.00	\$26.00	\$1,326.00
0092	CONSTRUCTION SURVEY	1 LS	\$50,000.00	\$50,000.00	\$42,000.00	\$42,000.00	\$60,000.00	\$60,000.00	\$61,600.00	\$61,600.00
0093	MOBILIZATION	1 LS	\$313,770.00	\$313,770.00	\$590,000.00	\$590,000.00	\$750,000.00	\$750,000.00	\$700,250.00	\$700,250.00
0094	PROJECT SIGN - LOSST	1 LS	\$2,000.00	\$2,000.00	\$880.00	\$880.00	\$1,000.00	\$1,000.00	\$1,050.00	\$1,050.00
0095	CONCRETE WASHOUT	1 LS	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$8,066.00	\$8,066.00	\$8,800.00	\$8,800.00
0096	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	300 CY	\$25.00	\$7,500.00	\$83.00	\$24,900.00	\$90.00	\$27,000.00	\$55.00	\$16,500.00
TOTAL CONSTRUCTION COST				\$6,807,500.00	\$6,893,459.00		\$7,542,669.25		\$7,805,109.20	
PERCENT OF ENGINEER'S ESTIMATE							+1.26%		+10.80%	
						Low				+14.65%

TABULATED BY: N. Smith  
CHECKED BY: *[Signature]*

APPROVED BY: *[Signature]*

**CONTRACTOR'S BID TABULATION**

PROJECT: E. COURT AVENUE RECONSTRUCTION FROM DES MOINES RIVER TO E. 7TH STREET

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		MPS Engineers PC dba Kingston Services PC Des Moines, IA		Synergy Contracting LLC Des Moines, IA	
			PRICE	AMOUNT	BID SECURITY 10% Bid Bond BID PRICE	BID SECURITY 10% Bid Bond BID PRICE	UNIT	AMOUNT
0001	CLEARING AND GRUBBING	1 LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$131,000.00	\$131,000.00
0002	EXCAVATION, CLASS 10 ROADWAY + BORROW	2920 CY	\$20.00	\$58,400.00	\$42.00	\$122,640.00	\$28.00	\$81,760.00
0003	SUBGRADE PREPARATION, 12 IN.	22370 SY	\$5.00	\$111,850.00	\$6.00	\$134,220.00	\$5.00	\$111,850.00
0004	GRANULAR STABILIZATION, 3" CLEAN CRUSHED STONE	900 CY	\$25.00	\$22,500.00	\$48.00	\$43,200.00	\$84.00	\$75,600.00
0005	SUBGRADE TREATMENT, GEOGRID, TYPE 2	5000 SY	\$5.00	\$25,000.00	\$4.00	\$20,000.00	\$6.00	\$30,000.00
0006	MODIFIED SUBBASE, 6 IN.	22370 SY	\$8.00	\$178,960.00	\$12.00	\$268,440.00	\$18.00	\$402,660.00
0007	STORM SEWER, TRENCHED, 15 IN.	811 LF	\$80.00	\$64,880.00	\$128.00	\$103,808.00	\$287.00	\$232,757.00
0008	STORM SEWER, TRENCHED, 18 IN.	240 LF	\$85.00	\$20,400.00	\$156.00	\$37,440.00	\$294.00	\$70,560.00
0009	STORM SEWER, TRENCHED, 24 IN.	42 LF	\$100.00	\$4,200.00	\$212.00	\$8,904.00	\$357.00	\$14,994.00
0010	STORM SEWER, TRENCHED, 36 IN.	36 LF	\$150.00	\$5,400.00	\$254.00	\$9,144.00	\$469.00	\$16,884.00
0011	STORM SEWER, TRENCHED, 42 IN.	172 LF	\$225.00	\$38,700.00	\$332.00	\$57,104.00	\$476.00	\$81,872.00
0012	REMOVAL OF STORM SEWER LESS THAN OR EQUAL TO 36 IN.	475 LF	\$30.00	\$14,250.00	\$32.00	\$15,200.00	\$119.00	\$56,525.00
0013	SUBDRAIN, 6 IN.	6118 LF	\$20.00	\$122,360.00	\$32.00	\$195,776.00	\$25.00	\$152,950.00
0014	SUBDRAIN OUTLETS AND CONNECTIONS	60 EA	\$350.00	\$21,000.00	\$500.00	\$30,000.00	\$1,015.00	\$60,900.00
0015	WATER MAIN, TRENCHED, DIP, 4 IN.	141 LF	\$100.00	\$14,100.00	\$156.00	\$21,996.00	\$224.00	\$31,584.00
0016	WATER MAIN, TRENCHED, DIP, 6 IN.	283 LF	\$115.00	\$32,545.00	\$194.00	\$54,902.00	\$217.00	\$61,411.00
0017	WATER MAIN, TRENCHED, DIP, 8 IN.	342 LF	\$140.00	\$47,880.00	\$222.00	\$75,924.00	\$245.00	\$83,790.00
0018	WATER MAIN, TRENCHED, DIP, 12 IN.	2352 LF	\$165.00	\$388,080.00	\$236.00	\$555,072.00	\$294.00	\$691,488.00
0019	WATER MAIN WITH CASING PIPE, DIP, 8 IN.	46 LF	\$800.00	\$36,800.00	\$954.00	\$43,884.00	\$588.00	\$27,048.00
0020	FITTING BY WEIGHT, DUCTILE IRON	5743 LB	\$15.00	\$86,145.00	\$18.00	\$103,374.00	\$18.00	\$103,374.00
0021	WATER SERVICE, 1 IN.	6 EA	\$2,500.00	\$15,000.00	\$3,400.00	\$20,400.00	\$8,050.00	\$48,300.00
0022	WATER SERVICE, 4 IN.	4 EA	\$4,500.00	\$18,000.00	\$5,400.00	\$21,600.00	\$14,000.00	\$56,000.00
0023	WATER SERVICE, 6 IN.	4 EA	\$6,500.00	\$26,000.00	\$7,500.00	\$30,000.00	\$18,900.00	\$75,600.00
0024	VALVE, GATE, DIP, 4 IN.	3 EA	\$2,000.00	\$6,000.00	\$2,200.00	\$6,600.00	\$3,360.00	\$10,080.00
0025	VALVE, GATE, DIP, 6 IN.	4 EA	\$2,500.00	\$10,000.00	\$2,800.00	\$11,200.00	\$4,060.00	\$16,240.00
0026	VALVE, GATE, DIP, 8 IN.	7 EA	\$3,500.00	\$24,500.00	\$3,800.00	\$26,600.00	\$4,900.00	\$34,300.00
0027	VALVE, GATE, DIP, 12 IN.	10 EA	\$4,500.00	\$45,000.00	\$4,800.00	\$48,000.00	\$6,860.00	\$68,600.00
0028	FIRE HYDRANT ASSEMBLY WM-201	8 EA	\$9,000.00	\$72,000.00	\$8,750.00	\$70,000.00	\$11,410.00	\$91,280.00
0029	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	2 EA	\$5,000.00	\$10,000.00	\$7,265.00	\$14,530.00	\$7,000.00	\$14,000.00
0030	CONNECTION TO EXISTING WATER SYSTEM	9 EA	\$5,000.00	\$45,000.00	\$5,800.00	\$52,200.00	\$10,500.00	\$94,500.00
0031	ABANDONMENT OF EXISTING WATER MAIN	3130 LF	\$30.00	\$93,900.00	\$32.00	\$100,160.00	\$25.00	\$78,250.00
0032	32 LB MAGNESIUM ANODE	46 EA	\$750.00	\$34,500.00	\$850.00	\$39,100.00	\$1,869.00	\$85,974.00
0033	MANHOLE, STORM SEWER, SW-401, 72 IN.	3 EA	\$10,000.00	\$30,000.00	\$12,000.00	\$36,000.00	\$13,300.00	\$39,900.00
0034	MANHOLE, STORM SEWER, SW-401, 72 IN. TOP ONLY	1 EA	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$5,880.00	\$5,880.00
0035	MANHOLE, STORM SEWER, SW-401, 48 IN. TOP ONLY	1 EA	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$5,460.00	\$5,460.00
0036	MANHOLE, STORM SEWER, SW-401, 60 IN. TOP ONLY	1 EA	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,900.00	\$4,900.00
0037	INTAKE, SINGLE GRATE, SW-501	7 EA	\$5,500.00	\$38,500.00	\$6,150.00	\$43,050.00	\$8,876.00	\$62,132.00
0038	INTAKE, SIGNLE GRATE, SW-501 TOP ONLY	10 EA	\$3,000.00	\$30,000.00	\$3,500.00	\$35,000.00	\$11,690.00	\$116,900.00
0039	INTAKE, DOUBLE GRATE, SW-505	29 EA	\$7,500.00	\$217,500.00	\$8,800.00	\$255,200.00	\$10,780.00	\$312,620.00
0040	INTAKE, DOUBLE GRATE, SW-505 DOGHOUSE	1 EA	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$15,015.00	\$15,015.00
0041	INTAKE, DOUBLE GRATE, SW-505 TOP ONLY	1 EA	\$4,000.00	\$4,000.00	\$4,750.00	\$4,750.00	\$12,880.00	\$12,880.00
0042	INTAKE, DOUBLE GRATE WITH MANHOLE, SW-506	3 EA	\$9,000.00	\$27,000.00	\$10,150.00	\$30,450.00	\$13,615.00	\$40,845.00
0043	MANHOLE ADJUSTMENT, MINOR	24 EA	\$2,500.00	\$60,000.00	\$2,500.00	\$60,000.00	\$3,500.00	\$84,000.00
0044	MANHOLE ADJUSTMENT, MAJOR	22 EA	\$4,000.00	\$88,000.00	\$4,000.00	\$88,000.00	\$6,300.00	\$138,600.00
0045	CONNECTION TO EXISTING MH	10 EA	\$2,500.00	\$25,000.00	\$2,500.00	\$25,000.00	\$7,000.00	\$70,000.00
0046	REMOVAL OF INTAKE/MH	23 EA	\$3,500.00	\$80,500.00	\$3,500.00	\$80,500.00	\$2,100.00	\$48,300.00
0047	REMOVAL OF INTAKE - TOP ONLY	15 EA	\$2,000.00	\$30,000.00	\$2,000.00	\$30,000.00	\$1,750.00	\$26,250.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
0048	PAVEMENT, PCC, CLASS C-SUD, 8 IN	12526 SY	\$85.00	\$1,064,710.00	\$96.00	\$1,202,496.00	\$81.50	\$1,020,869.00
0049	PAVEMENT, HMA, 8 IN	7486 SY	\$80.00	\$598,880.00	\$62.50	\$467,875.00	\$72.00	\$538,992.00
0050	REMOVAL OF SIDEWALK	5882 SY	\$20.00	\$117,640.00	\$20.00	\$117,640.00	\$21.00	\$123,522.00
0051	REMOVAL OF DRIVEWAY	930 SY	\$20.00	\$18,600.00	\$20.00	\$18,600.00	\$21.00	\$19,530.00
0052	SIDEWALK, PCC, 5 IN.	8106 SY	\$85.00	\$689,010.00	\$96.00	\$778,176.00	\$60.00	\$486,360.00
0053	SIDEWALK, PCC, 4 IN.	585 SY	\$80.00	\$46,800.00	\$85.00	\$49,725.00	\$54.00	\$31,590.00
0054	DETECTABLE WARNING	840 SF	\$50.00	\$42,000.00	\$50.00	\$42,000.00	\$70.00	\$58,800.00
0055	DRIVEWAY, PCC, 7 IN.	855 SY	\$90.00	\$76,950.00	\$90.00	\$76,950.00	\$85.00	\$72,675.00
0056	TEMPORARY PAVEMENT, HMA	1260 SY	\$20.00	\$25,200.00	\$62.50	\$78,750.00	\$84.00	\$105,840.00
0057	TEMPORARY GRANULAR SURFACING	150 TON	\$50.00	\$7,500.00	\$36.00	\$5,400.00	\$56.00	\$8,400.00
0058	PAVEMENT REMOVAL	21495 SY	\$20.00	\$429,900.00	\$20.00	\$429,900.00	\$21.00	\$451,395.00
0059	TRAFFIC SIGNAL MODIFICATIONS - E 4TH STREET	1 LS	\$30,000.00	\$30,000.00	\$34,500.00	\$34,500.00	\$42,000.00	\$42,000.00
0060	TRAFFIC SIGNAL MODIFICATIONS - E 6TH STREET	1 LS	\$125,000.00	\$125,000.00	\$78,000.00	\$78,000.00	\$93,600.00	\$93,600.00
0061	RECTANGULAR RAPID FLASHING BEACON, REMOVE AND REINSTALL	2 EA	\$7,500.00	\$15,000.00	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00
0062	PAINTED PAVEMENT MARKINGS, DURABLE, EPOXY	363 STA	\$100.00	\$36,300.00	\$86.00	\$31,218.00	\$102.00	\$37,026.00
0063	PERMANENT TAPE MARKINGS, PROFILE PAVEMENT MARKING TAPE	93 STA	\$200.00	\$18,600.00	\$451.00	\$41,943.00	\$540.00	\$50,220.00
0064	PAINTED SYMBOLS AND LEGENDS, DURABLE	40 EA	\$300.00	\$12,000.00	\$451.00	\$18,040.00	\$540.00	\$21,600.00
0065	PAINTED PAVEMENT MARKINGS, METHYL METHACRYLATE (MMA)	5774 SF	\$10.00	\$57,740.00	\$27.00	\$155,898.00	\$30.00	\$173,220.00
0066	PAVEMENT MARKINGS REMOVED	52 STA	\$35.00	\$1,820.00	\$75.00	\$3,900.00	\$90.00	\$4,680.00
0067	GROOVES CUT FOR PAVEMENT MARKINGS	533 STA	\$30.00	\$15,990.00	\$85.00	\$45,305.00	\$102.00	\$54,366.00
0068	GROOVES CUT FOR SYMBOLS AND LEGENDS	40 EA	\$200.00	\$8,000.00	\$175.00	\$7,000.00	\$210.00	\$8,400.00
0069	TYPE A SIGN, SHEET ALUMINUM	236 SF	\$25.00	\$5,900.00	\$25.00	\$5,900.00	\$54.00	\$12,744.00
0070	SIGN POST, ROUND, STEEL POST	20 EA	\$110.00	\$2,200.00	\$110.00	\$2,200.00	\$144.00	\$2,880.00
0071	METER POST, ROUND, STEEL POST	21 EA	\$500.00	\$10,500.00	\$500.00	\$10,500.00	\$144.00	\$3,024.00
0072	REMOVAL OF SIGN AND SIGN POST	61 EA	\$25.00	\$1,525.00	\$25.00	\$1,525.00	\$108.00	\$6,588.00
0073	REMOVE AND REINSTALL SIGN, AS PER PLAN	16 EA	\$250.00	\$4,000.00	\$250.00	\$4,000.00	\$504.00	\$8,064.00
0074	REMOVE BOLLARDS	8 EA	\$500.00	\$4,000.00	\$500.00	\$4,000.00	\$900.00	\$7,200.00
0075	TEMPORARY TRAFFIC CONTROL	1 LS	\$150,000.00	\$150,000.00	\$75,000.00	\$75,000.00	\$112,000.00	\$112,000.00
0076	SOD	360 SQ	\$200.00	\$72,000.00	\$78.00	\$28,080.00	\$118.00	\$42,480.00
0077	WATERING	84 MGAL	\$60.00	\$5,040.00	\$60.00	\$5,040.00	\$60.00	\$5,040.00
0078	PLANTS WITH WARRANTY, OVERSTORY TREES, 2" CAL.	75 EA	\$800.00	\$60,000.00	\$800.00	\$60,000.00	\$540.00	\$40,500.00
0079	PREPARATION OF LANDSCAPE PLANTER	75 EA	\$2,500.00	\$187,500.00	\$2,500.00	\$187,500.00	\$1,020.00	\$76,500.00
0080	HARDWOOD MULCH	35 CY	\$75.00	\$2,625.00	\$75.00	\$2,625.00	\$120.00	\$4,200.00
0081	TREE TRUNK PROTECTION	48 EA	\$400.00	\$19,200.00	\$400.00	\$19,200.00	\$280.00	\$13,440.00
0082	TREE PROTECTION FENCE	1700 LF	\$15.00	\$25,500.00	\$10.00	\$17,000.00	\$5.00	\$8,500.00
0083	LITTER RECEPTACLE	4 EA	\$750.00	\$3,000.00	\$2,250.00	\$9,000.00	\$3,000.00	\$12,000.00
0084	BIKE RACK	9 EA	\$750.00	\$6,750.00	\$1,250.00	\$11,250.00	\$2,520.00	\$22,680.00
0085	SWPPP PREPARATION	1 LS	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$1,800.00	\$1,800.00
0086	SWPPP MANAGEMENT	1 LS	\$15,000.00	\$15,000.00	\$18,000.00	\$18,000.00	\$12,000.00	\$12,000.00
0087	FILTER SOCK, 9 IN.	4000 LF	\$3.00	\$12,000.00	\$2.25	\$9,000.00	\$3.00	\$12,000.00
0088	FILTER SOCKS, REMOVAL	4000 LF	\$1.00	\$4,000.00	\$0.25	\$1,000.00	\$0.50	\$2,000.00
0089	EROSION CONTROL MULCHING, HYDROMULCHING	2 AC	\$3,000.00	\$6,000.00	\$4,500.00	\$9,000.00	\$4,200.00	\$8,400.00
0090	INLET PROTECTION DEVICE	51 EA	\$350.00	\$17,850.00	\$225.00	\$11,475.00	\$259.00	\$13,209.00
0091	INLET PROTECTION DEVICE, MAINTENANCE	51 EA	\$150.00	\$7,650.00	\$50.00	\$2,550.00	\$49.00	\$2,499.00
0092	CONSTRUCTION SURVEY	1 LS	\$50,000.00	\$50,000.00	\$42,000.00	\$42,000.00	\$91,000.00	\$91,000.00
0093	MOBILIZATION	1 LS	\$313,770.00	\$313,770.00	\$1,205,500.00	\$1,205,500.00	\$553,000.00	\$553,000.00
0094	PROJECT SIGN - LOSST	1 LS	\$2,000.00	\$2,000.00	\$1,400.00	\$1,400.00	\$2,800.00	\$2,800.00
0095	CONCRETE WASHOUT	1 LS	\$10,000.00	\$10,000.00	\$9,600.00	\$9,600.00	\$12,600.00	\$12,600.00
0096	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	300 CY	\$25.00	\$7,500.00	\$54.00	\$16,200.00	\$91.00	\$27,300.00
TOTAL CONSTRUCTION COST				\$6,807,500.00		\$8,540,729.00		\$8,707,346.00
PERCENT OF ENGINEER'S ESTIMATE						+25.46%		+27.91%