

**CITY OF LA VISTA  
MAYOR AND CITY COUNCIL REPORT  
SEPTEMBER 19, 2017 AGENDA**

| <b>Subject:</b>  | <b>Type:</b>                              | <b>Submitted By:</b>           |
|--|---|--------------------------------|
| ADVERTISEMENT FOR BIDS<br>84 <sup>TH</sup> STREET REDEVELOPMENT AREA<br>PUBLIC IMPROVEMENT REDEV. PROJECT<br>PAVEMENT & SEWERS | ◆ RESOLUTION<br>ORDINANCE<br>RECEIVE/FILE | JOHN KOTTMANN<br>CITY ENGINEER |

**SYNOPSIS**

A resolution has been prepared authorizing the re-advertisement for bids for Pavement and Sewers construction associated with the Public Improvement Redevelopment Project in the 84<sup>th</sup> Street Redevelopment Area.

**FISCAL IMPACT**

The FY 17/18 Biennial Budget provides funding in the Capital Improvement Program for this project.

**RECOMMENDATION**

Approval

**BACKGROUND**

The proposed construction includes concrete paving of public streets and on-street parking stalls, construction of sanitary sewers, construction of storm sewers and construction of related improvements such as retaining walls, fences, seeding, erosion control, signage, street lighting, and miscellaneous appurtenant work. This is a portion of the CIP Project No. CD-17-008. It does not include the Phase 1B portion of the project that was recently awarded to KSI Construction in order to meet the time requirements to serve Lot 3.

The original bidding took place on July 26, 2017 at which time only one bid was received that was well over the Engineer's Estimate. That bid was rejected at the August 15, 2017 Council meeting. The revised bidding package allows for construction in 2018 since Phase 1B has been removed.

Preparation of plans and specifications for this project have been completed by Olsson Associates. The Engineer's Estimate for the proposed construction work is \$3,529,726.80. The recommended schedule for bidding this work is:

Publish Notice to Contractors  
Non-Mandatory Pre-Bid Meeting  
Open Bids  
Council Award Contract

September 27 and October 4, 2017  
October 10, 2017 at 3:00 pm  
October 18, 2017 at 10:00 am City Hall  
First meeting in November 2017

The Notice to Contractors will also be posted on the City's web site and at [www.standardshare.com](http://www.standardshare.com)

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA AUTHORIZING THE RE-ADVERTISEMENT FOR BIDS FOR PAVEMENT AND SEWERS CONSTRUCTION ASSOCIATED WITH THE PUBLIC IMPROVEMENT REDEVELOPMENT PROJECT IN THE 84<sup>TH</sup> STREET REDEVELOPMENT AREA.

WHEREAS, the Mayor and Council have determined that pavement and sewer construction in the 84<sup>th</sup> street redevelopment area is necessary, and

WHEREAS, the FY17/18 Biennial Budget provides funding in the Capital Improvement Program for the proposed project; and

WHEREAS, the schedule for awarding this contract is as follows:

|                               |   |
|-------------------------------|---|
| Publish Notice to Contractors | September 27 and October 4, 2017          |
| Non-Mandatory Pre-Bid Meeting | October 10, 2017 at 3:00 pm               |
| Open Bids                     | October 18, 2017 at 10:00 am at City Hall |
| Council Award Contract        | First meeting in November 2017            |

NOW, THEREFORE BE IT RESOLVED, that the Mayor and City Council of the City of La Vista Nebraska hereby authorize the re-advertisement for bids for pavement and sewer construction associated with the public improvement redevelopment project in the 84<sup>th</sup> street redevelopment area.

PASSED AND APPROVED THIS 19TH DAY OF NOVEMBER, 2017.

CITY OF LA VISTA

\_\_\_\_\_  
Douglas Kindig, Mayor

ATTEST:

\_\_\_\_\_  
Pamela A. Buethe, CMC  
City Clerk

## NOTICE TO CONTRACTORS

### 84<sup>TH</sup> STREET REDEVELOPMENT AREA CITY CENTRE INFRASTRUCTURE PAVEMENT & SEWERS CD-17-008 CITY OF LA VISTA, NEBRASKA

Sealed proposals will be received by Pamela Buethe, City Clerk of the City of La Vista, at City Hall, 8116 Park View Boulevard, La Vista, Nebraska 68128, until October 18, 2017, at 10:00 A.M., for Pavement and Sewers construction associated with the City Centre Infrastructure in the 84<sup>th</sup> Street Redevelopment Area, CD-17-008, in and for said City according to plans and specifications for said improvements now on file at the office of the City Clerk. At such hour, or as soon as practicable thereafter, the bids will be opened publicly in the presence of the bidders for furnishing labor, materials, and equipment necessary for the proper construction of this project.

The extent of the work includes the concrete paving of public streets and on-street parking stalls, construction of sanitary sewers, construction of storm sewers and construction of related improvements such as retaining walls, fences, seeding, erosion control, signage, street lighting, and miscellaneous appurtenant work.

Plans, Specifications and Contract Documents may be examined online at [www.standardshare.com](http://www.standardshare.com). Search for the project name in the Plan Room found at [www.standardshare.com](http://www.standardshare.com). Downloadable PDF files and hardcopy prints may be procured from StandardSHARE or the offices of Standard Digital Imaging: 4424 S. 108th St. / Omaha, NE 68137 / 402-592-1292. All costs associated with obtaining documents are the responsibility of the bidder and are non-refundable. Project documents may also be examined at the office of The City Clerk of the City of La Vista at City of La Vista City Hall, 8116 Park View Blvd., La Vista, NE 68128. In order to ensure bidders are aware of all issued documents pertaining to this opportunity – bids will only be accepted from those listed on the planholders list kept at the offices of Standard Digital Imaging / StandardSHARE.

A non-mandatory Pre-Bid on-site meeting will be held on October 10, 2017 at 3:00 P.M. Prospective Bidders shall meet at Olsson Associates, 2111 S. 67<sup>th</sup> Street, Suite 200, Omaha, NE 68106. A review of the project plans to identify and clarify schedule, phasing, construction items and other items related to performance of the work.

All work shall be furnished in strict accordance with the plans, specifications and contract documents prepared by Olsson Associates, Engineers for the City of La Vista. All proposals must be submitted on the Proposal form prepared by Olsson Associates. This form is part of the documents that can be obtained at the StandardSHARE web site or offices.

Each bid shall be accompanied in a SEPARATE SEALED ENVELOPE by a certified check or bid bond in an amount not less than five (5) percent of the amount bid and such certified check or bid bond shall be payable to the Treasurer of the City of La Vista, Nebraska, as security that the Bidder to whom the contract may be awarded will enter into a contract to perform the work in accordance with this Notice and other contract documents, and will furnish the required bonds in amount equal to 100% of the contract price.

The City of La Vista, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidden that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin, sex, age and disability/handicap in consideration for an award.

No Bidder may withdraw his proposal for a period of sixty (60) days after the date set for the opening of bids. The City of La Vista, Nebraska reserves the right to reject any or all bids and to waive informalities.

| ITEM No. | DESCRIPTION                                   | UNIT | QNTY  | UNIT COST    | TOTAL COST   |
|----------|---|------|-------|--------------|--------------|
| 1        | MOBILIZATION                                  | LS   | 1     | \$250,000.00 | \$250,000.00 |
| 2        | REMOVE PAVEMENT                               | SY   | 5453  | \$3.50       | \$19,085.50  |
| 3        | REMOVE SIDEWALK                               | SF   | 523   | \$3.00       | \$1,569.00   |
| 4        | REMOVE MEDIAN SURFACING                       | SF   | 1136  | \$3.00       | \$3,408.00   |
| 5        | REMOVE 12" OR SMALLER SEWER PIPE              | LF   | 526   | \$10.00      | \$5,260.00   |
| 6        | REMOVE 15" TO 18" SEWER PIPE                  | LF   | 311   | \$12.50      | \$3,887.50   |
| 7        | REMOVE 48" SEWER PIPE                         | LF   | 418   | \$20.00      | \$8,360.00   |
| 8        | REMOVE 54" SEWER PIPE                         | LF   | 53    | \$40.00      | \$2,120.00   |
| 9        | REMOVE MANHOLE                                | EA   | 3     | \$800.00     | \$2,400.00   |
| 10       | REMOVE FLARED END SECTION OVER 36" TO 48"     | EA   | 1     | \$500.00     | \$500.00     |
| 11       | REMOVE FLARED END SECTION OVER 48" TO 60"     | EA   | 1     | \$550.00     | \$550.00     |
| 12       | REMOVE LIGHT POLE                             | EA   | 2     | \$500.00     | \$1,000.00   |
| 13       | REMOVE AREA INLET                             | EA   | 1     | \$575.00     | \$575.00     |
| 14       | REMOVE CURB INLET                             | EA   | 3     | \$575.00     | \$1,725.00   |
| 15       | REMOVE SIGN                                   | EA   | 2     | \$100.00     | \$200.00     |
| 16       | REMOVE FENCE                                  | LF   | 856   | \$5.00       | \$4,280.00   |
| 17       | REMOVE SEGMENTAL RETAINING WALL               | SF   | 2883  | \$2.50       | \$7,207.50   |
| 18       | SAW CUT - FULL DEPTH                          | LF   | 457   | \$4.00       | \$1,828.00   |
| 19       | EXCAVATION - ON SITE                          | CY   | 19234 | \$7.50       | \$144,255.00 |
| 20       | EXCAVATION - HAULOFF                          | CY   | 6630  | \$10.00      | \$66,300.00  |
| 21       | UNSUITABLE MATERIAL                           | CY   | 500   | \$10.00      | \$5,000.00   |
| 22       | SECURITY FENCE                                | LF   | 1300  | \$15.00      | \$19,500.00  |
| 23       | TEMPORARY CONTRACTOR ACCESS ROAD              | SY   | 2914  | \$10.00      | \$29,140.00  |
| 24       | TEMPORARY 8-INCH SURFACING                    | SY   | 912   | \$50.00      | \$45,600.00  |
| 25       | RECONSTRUCT MANHOLE TO GRADE                  | VF   | 15.9  | \$500.00     | \$7,950.00   |
| 26       | ADJUST MANHOLE TO GRADE                       | EA   | 1     | \$500.00     | \$500.00     |
| 27       | ADJUST INLET TO GRADE                         | EA   | 1     | \$800.00     | \$800.00     |
| 28       | CONSTRUCT 6-INCH CONCRETE PAVEMENT (TYPE L65) | SY   | 4834  | \$48.00      | \$232,032.00 |
| 29       | CONSTRUCT 8-INCH CONCRETE PAVEMENT (TYPE L65) | SY   | 10570 | \$45.00      | \$475,650.00 |
| 30       | CONSTRUCT 8-INCH COMBINATION CURB AND GUTTER  | LF   | 286   | \$25.00      | \$7,150.00   |
| 31       | CONSTRUCT 8-INCH IMPRINTED CONCRETE SURFACING | SF   | 3249  | \$8.00       | \$25,992.00  |
| 32       | CONSTRUCT 4-INCH PCC SIDEWALK                 | SF   | 4237  | \$5.00       | \$21,185.00  |
| 33       | CONSTRUCT 6-INCH CONCRETE MEDIAN SURFACING    | SF   | 317   | \$7.00       | \$2,219.00   |
| 34       | CONSTRUCT CONCRETE CURB RAMP                  | SF   | 308   | \$15.00      | \$4,620.00   |
| 35       | ARMOR-TILE DETECTABLE WARNING PANELS          | SF   | 63    | \$22.00      | \$1,386.00   |
| 36       | CONSTRUCT GRAVITY BLOCK RETAINING WALL        | SF   | 996   | \$40.00      | \$39,840.00  |
| 37       | CONSTRUCT SOLDIER PILE RETAINING WALL         | SF   | 3530  | \$60.00      | \$211,800.00 |
| 38       | CONSTRUCT SMALL BLOCK RETAINING WALL          | SF   | 382   | \$25.00      | \$9,550.00   |
| 39       | CONSTRUCT PIPE RAILING                        | LF   | 539   | \$25.00      | \$13,475.00  |
| 40       | CONSTRUCT CURB WALL                           | SF   | 503   | \$25.00      | \$12,575.00  |
| 41       | AGGREGATE BEDDING FOR 10" STORM SEWER PIPE    | LF   | 49    | \$7.50       | \$367.50     |
| 42       | AGGREGATE BEDDING FOR 12" STORM SEWER PIPE    | LF   | 38    | \$7.50       | \$285.00     |
| 43       | AGGREGATE BEDDING FOR 15" STORM SEWER PIPE    | LF   | 382   | \$7.50       | \$2,865.00   |
| 44       | AGGREGATE BEDDING FOR 18" STORM SEWER PIPE    | LF   | 473   | \$8.50       | \$4,020.50   |
| 45       | AGGREGATE BEDDING FOR 24" STORM SEWER PIPE    | LF   | 812   | \$9.50       | \$7,714.00   |
| 46       | AGGREGATE BEDDING FOR 30" STORM SEWER PIPE    | LF   | 1232  | \$12.00      | \$14,784.00  |
| 47       | AGGREGATE BEDDING FOR 36" STORM SEWER PIPE    | LF   | 956   | \$15.00      | \$14,340.00  |
| 48       | AGGREGATE BEDDING FOR 42" STORM SEWER PIPE    | LF   | 899   | \$17.50      | \$15,732.50  |
| 49       | AGGREGATE BEDDING FOR 54" STORM SEWER PIPE    | LF   | 484   | \$17.50      | \$8,470.00   |
| 50       | CONSTRUCT 8" HDPE STORM SEWER PIPE            | LF   | 24    | \$15.00      | \$360.00     |
| 51       | CONSTRUCT 10" HDPE STORM SEWER PIPE           | LF   | 46    | \$15.00      | \$690.00     |
| 52       | CONSTRUCT 12" HDPE STORM SEWER PIPE           | LF   | 38    | \$15.00      | \$570.00     |
| 53       | CONSTRUCT 15" HDPE STORM SEWER PIPE           | LF   | 60    | \$21.25      | \$1,275.00   |
| 54       | CONSTRUCT 18" HDPE STORM SEWER PIPE           | LF   | 25    | \$30.00      | \$750.00     |
| 55       | CONSTRUCT 24" HDPE STORM SEWER PIPE           | LF   | 38    | \$40.00      | \$1,520.00   |
| 56       | CONSTRUCT 15" RCP, CLASS III                  | LF   | 322   | \$40.00      | \$12,880.00  |
| 57       | CONSTRUCT 18" RCP, CLASS III                  | LF   | 448   | \$45.00      | \$20,160.00  |
| 58       | CONSTRUCT 24" RCP, CLASS III                  | LF   | 774   | \$50.00      | \$38,700.00  |
| 59       | CONSTRUCT 30" RCP, CLASS III                  | LF   | 1232  | \$75.00      | \$92,400.00  |
| 60       | CONSTRUCT 36" RCP, D(0.01) = 1350             | LF   | 956   | \$100.00     | \$95,600.00  |

| ITEM No. | DESCRIPTION   | UNIT | QNTY  | UNIT COST   | TOTAL COST   |
|----------|---|------|-------|-------------|--------------|
| 61       | CONSTRUCT 36" RCP, D(0.01) = 1350 (OR HDPE)                       | LF   | 157   | \$100.00    | \$15,700.00  |
| 62       | CONSTRUCT 42" RCP, D(0.01) = 1350                                 | LF   | 899   | \$125.00    | \$112,375.00 |
| 63       | CONSTRUCT 54" RCP, D(0.01) = 1350 (OR HDPE)                       | LF   | 484   | \$175.00    | \$84,700.00  |
| 64       | CONSTRUCT 36" CONCRETE COLLAR                                     | EA   | 1     | \$1,000.00  | \$1,000.00   |
| 65       | CONSTRUCT 54" I.D. STORM MANHOLE                                  | VF   | 24.3  | \$650.00    | \$15,795.00  |
| 66       | CONSTRUCT 60" I.D. STORM MANHOLE                                  | VF   | 43.8  | \$700.00    | \$30,660.00  |
| 67       | CONSTRUCT 72" I.D. STORM MANHOLE                                  | VF   | 33.0  | \$800.00    | \$26,400.00  |
| 68       | CONSTRUCT 84" I.D. STORM MANHOLE                                  | VF   | 87.0  | \$975.00    | \$84,825.00  |
| 69       | CONSTRUCT 96" I.D. STORM MANHOLE                                  | VF   | 142.7 | \$1,050.00  | \$149,835.00 |
| 70       | CONSTRUCT TYPE "C" MANHOLE - NDOR STANDARD PLAN 435-R1            | EA   | 1     | \$20,000.00 | \$20,000.00  |
| 71       | PREPARATION OF STRUCTURE  | LS   | 1     | \$5,000.00  | \$5,000.00   |
| 72       | CONSTRUCT 30" RC FLARED END SECTION                               | EA   | 1     | \$500.00    | \$500.00     |
| 73       | CONSTRUCT 36" RC FLARED END SECTION                               | EA   | 1     | \$650.00    | \$650.00     |
| 74       | CONSTRUCT 42" RC FLARED END SECTION                               | EA   | 1     | \$1,000.00  | \$1,000.00   |
| 75       | CONSTRUCT REINFORCED CURB INLET - TYPE III                        | EA   | 1     | \$4,000.00  | \$4,000.00   |
| 76       | CONSTRUCT CURB INLET - TYPE I                                     | EA   | 3     | \$3,000.00  | \$9,000.00   |
| 77       | CONSTRUCT CURB INLET - TYPE III                                   | EA   | 3     | \$3,500.00  | \$10,500.00  |
| 78       | CONSTRUCT CURB INLET - TYPE IV                                    | EA   | 4     | \$3,000.00  | \$12,000.00  |
| 79       | CONSTRUCT GRATED INLET - TYPE "SADDLE CREEK" INLET                | EA   | 11    | \$4,000.00  | \$44,000.00  |
| 80       | INSTALL FILTERRA INLET  | EA   | 3     | \$16,000.00 | \$48,000.00  |
| 81       | AGGREGATE BEDDING FOR 6" SANITARY SEWER PIPE                      | LF   | 657   | \$3.00      | \$1,971.00   |
| 82       | AGGREGATE BEDDING FOR 8" SANITARY SEWER PIPE                      | LF   | 1531  | \$7.00      | \$10,717.00  |
| 83       | AGGREGATE BEDDING FOR 10" SANITARY SEWER PIPE                     | LF   | 627   | \$7.00      | \$4,389.00   |
| 84       | CONSTRUCT 6" PVC SANITARY SEWER PIPE                              | LF   | 657   | \$20.00     | \$13,140.00  |
| 85       | CONSTRUCT 8" PVC SANITARY SEWER PIPE                              | LF   | 1531  | \$25.00     | \$38,275.00  |
| 86       | CONSTRUCT 10" PVC SANITARY SEWER PIPE                             | LF   | 163   | \$32.00     | \$5,216.00   |
| 87       | CONSTRUCT 10" DIP SANITARY SEWER PIPE                             | LF   | 464   | \$41.00     | \$19,024.00  |
| 88       | CONSTRUCT 6"x8" WYE   | EA   | 1     | \$100.00    | \$100.00     |
| 89       | CONSTRUCT 6" CLEANOUT   | EA   | 1     | \$950.00    | \$950.00     |
| 90       | INSTALL EXTERNAL FRAME SEAL                                       | EA   | 49    | \$500.00    | \$24,500.00  |
| 91       | CONNECT SANITARY SEWER MANHOLE TAP                                | EA   | 1     | \$1,500.00  | \$1,500.00   |
| 92       | CONNECT SANITARY SEWER MANHOLE TAP - EXTRA DEEP                   | EA   | 1     | \$12,500.00 | \$12,500.00  |
| 93       | CONSTRUCT 54" I.D. SANITARY MANHOLE                               | VF   | 149.3 | \$450.00    | \$67,194.00  |
| 94       | CONSTRUCT RIPRAP - TYPE "B"                                       | TONS | 204   | \$50.00     | \$10,200.00  |
| 95       | 1" DIA. SCH 40 PVC IN TRENCH                                      | LF   | 12380 | \$5.00      | \$61,900.00  |
| 96       | #8 AWG STRANDED COPPER WIRE W/ THWN INSUL.                        | LF   | 18590 | \$1.00      | \$18,590.00  |
| 97       | LED GLOBE POST-TOP LUMINAIRE W/ TAPERED STEEL POLE AND CONC. BASE | EA   | 66    | \$5,000.00  | \$330,000.00 |
| 98       | ELECTRIAL HANDHOLE/PULLBOX  | EA   | 14    | \$750.00    | \$10,500.00  |
| 99       | LIGHTING SERVICE CABINET  | EA   | 1     | \$10,000.00 | \$10,000.00  |
| 100      | PERMANENT PAINT MARKING - 4" WHITE                                | LF   | 4682  | \$1.00      | \$4,682.00   |
| 101      | PERMANENT PAINT MARKING - 5" YELLOW                               | LF   | 325   | \$1.00      | \$325.00     |
| 102      | PERMANENT PREFORMED TAPE MARKING - TYPE 4, 5" WHITE, GROOVED      | LF   | 972   | \$3.15      | \$3,061.80   |
| 103      | PERMANENT PREFORMED TAPE MARKING - TYPE 3, 12" WHITE, GROOVED     | LF   | 80    | \$9.00      | \$720.00     |
| 104      | PERMANENT PREFORMED TAPE MARKING - TYPE 3, 24" WHITE, GROOVED     | LF   | 310   | \$28.00     | \$8,680.00   |
| 105      | PERMANENT PREFORMED MARKING TAPE SYMBOL - WHITE DIRECTIONAL LEFT  | EA   | 4     | \$600.00    | \$2,400.00   |
| 106      | PERMANENT PREFORMED MARKING TAPE SYMBOL - WHITE DIRECTIONAL RIGHT | EA   | 3     | \$600.00    | \$1,800.00   |
| 107      | ADA STALL PAVEMENT MARKING SYMBOL                                 | EA   | 7     | \$200.00    | \$1,400.00   |
| 108      | REMOVE MARKING LINES - 5" WHITE                                   | LF   | 62    | \$3.00      | \$186.00     |
| 109      | REMOVE MARKING LINES - 12" WHITE                                  | LF   | 40    | \$3.00      | \$120.00     |
| 110      | REMOVE MARKING LINES - 24" WHITE                                  | LF   | 120   | \$3.00      | \$360.00     |
| 111      | REMOVE MARKING SYMBOL - DIRECTIONAL ARROW                         | EA   | 2     | \$100.00    | \$200.00     |
| 112      | INSTALL TRAFFIC POSTS AND SIGNS, CONTRACTOR PROVIDED              | LS   | 1     | \$17,000.00 | \$17,000.00  |
| 113      | PROVIDE TEMPORARY TRAFFIC CONTROL                                 | LS   | 1     | \$15,000.00 | \$15,000.00  |
| 114      | INSTALL SEEDING (COVER CROP)                                      | AC   | 1.20  | \$200.00    | \$240.00     |
| 115      | INSTALL SEEDING (NATIVE MIX)                                      | AC   | 0.52  | \$2,000.00  | \$1,040.00   |
| 116      | INSTALL SEEDING TURF (EROSION CONTROL TYPE 2)                     | AC   | 5.98  | \$6,000.00  | \$35,880.00  |
| 117      | INSTALL INLET PROTECTION  | EA   | 22    | \$200.00    | \$4,400.00   |
| 118      | INSTALL EROSION CHECK (WATTLE)                                    | LF   | 3097  | \$3.00      | \$9,291.00   |
| 119      | INSTALL SODDING   | SY   | 185   | \$8.00      | \$1,480.00   |
| 120      | INSTALL SILT FENCE  | LF   | 460   | \$3.00      | \$1,380.00   |
| 121      | INSTALL FLEXAMAT  | SY   | 174   | \$90.00     | \$15,660.00  |
| 122      | INSTALL TURF REINFORCEMENT MAT (TYPE A)                           | SY   | 491   | \$7.00      | \$3,437.00   |
| 123      | INSTALL SAFI Baffle   | EA   | 3     | \$5,300.00  | \$15,900.00  |
| 124      | INSTALL SNOOT   | EA   | 1     | \$7,000.00  | \$7,000.00   |

| ITEM No. | DESCRIPTION   | UNIT | QNTY | UNIT COST  | TOTAL COST     |
|----------|---|------|------|------------|----------------|
| 125      | INSTALL 18" I.D. PRESERVER                                    | EA   | 1    | \$2,600.00 | \$2,600.00     |
| 126      | INSTALL 24" I.D. PRESERVER                                    | EA   | 1    | \$2,600.00 | \$2,600.00     |
| 127      | INSTALL 30" I.D. PRESERVER                                    | EA   | 1    | \$4,400.00 | \$4,400.00     |
| 128      | INSTALL 36" I.D. SKIMMER                                      | EA   | 1    | \$3,900.00 | \$3,900.00     |
| 129      | CONSTRUCT WATER QUALITY STRUCTURE                             | LS   | 1    | \$6,000.00 | \$6,000.00     |
| 130      | INSTALL CONSTRUCTION ENTRANCE                                 | EA   | 1    | \$2,000.00 | \$2,000.00     |
| 131      | RENTAL OF LOADER, FULLY OPERATED                              | HR   | 20   | \$100.00   | \$2,000.00     |
| 132      | RENTAL OF BACKHOE, FULLY OPERATED                             | HR   | 20   | \$100.00   | \$2,000.00     |
| 133      | RENTAL OF DUMP TRUCK, FULLY OPERATED                          | HR   | 20   | \$100.00   | \$2,000.00     |
| 134      | RENTAL OF SKID LOADER, FULLY OPERATED                         | HR   | 20   | \$100.00   | \$2,000.00     |
| 135      | RENTAL OF CRAWLER MOUNTED HYDRAULIC EXCAVATOR, FULLY OPERATED | HR   | 20   | \$150.00   | \$3,000.00     |
| 136      | RENTAL OF VACUUM TRUCK, FULLY OPERATED                        | HR   | 20   | \$250.00   | \$5,000.00     |
|          | SUBTOTAL  |      |      |            | \$3,529,726.80 |
|          | CONTINGENCIES @ 5%  |      |      |            | \$176,486.34   |
|          | OPINION OF CONSTRUCTION COSTS                                 |      |      |            | \$3,706,213.14 |
| A1       | CONSTRUCT GRAVITY BLOCK RETAINING WALL                        | SF   | 3530 | \$40.00    | \$141,200.00   |