

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT: EARTHQUAKE RETROFIT**

of the Market Street Bridge at the Santa Ana River

**PROJECT NOS. A2-0663 & A9-0446, STPLNZP-5956(013)**

Bids Open: 2:00 pm    **DATE: October 18, 2000**

STPLNZP-5956(013)

| SCHEDULE "A" (EARTHQUAKE RETROFIT) |           |  |       | COUNTY'S ESTIMATE |            |                       | D.W. POWELL<br>CONSTRUCTION, INC.<br>FONTANA, CA 92334 |            |
|------------------------------------|-----------|--|-------|-------------------|------------|-----------------------|--|------------|
|                                    | ITEM CODE | CONTRACT ITEM                          | UNITS | QUANTITY          | UNIT PRICE | ENG ESTIMATE          | BID  | AMOUNT     |
| 1                                  | 590301    | WORK AREA MONITORING                   | LS    | 1                 | 2,000.00   | 2,000.00              | 8,000.00   | 8,000.00   |
| 2                                  | 192003    | STRUCTURE EXCAVATION (BRIDGE)          | CY    | 424               | 80.00      | 33,920.00             | 15.00  | 6,360.00   |
| 3                                  | 192020    | STRUCTURE EXCAVATION (TYPE D)          | CY    | 368               | 120.00     | 44,160.00             | 35.00  | 12,880.00  |
| 4                                  | 193003    | STRUCTURE BACKFILL (BRIDGE)            | CY    | 399               | 80.00      | 31,920.00             | 40.00  | 15,960.00  |
| 5                                  | 510051    | STRUCTURAL CONCRETE, BRIDGE FOOTING    | CY    | 200               | 350.00     | 70,000.00             | 100.00   | 20,000.00  |
| 6                                  | 510053    | STRUCTURAL CONCRETE, BRIDGE            | CY    | 25                | 800.00     | 20,000.00             | 4,500.00   | 112,500.00 |
| 7                                  | 511106    | DRILL AND BOND DOWEL                   | LF    | 1,257             | 18.00      | 22,626.00             | 20.00  | 25,140.00  |
| 8                                  | 511109    | DRILL AND BOND DOWEL (EPOXY CARTRIDGE) | EA    | 15                | 30.00      | 450.00                | 40.00  | 600.00     |
| 9                                  | 515010    | INSTALL STUD CONNECTORS                | EA    | 264               | 50.00      | 13,200.00             | 15.00  | 3,960.00   |
| 10                                 | 515062    | CORE CONCRETE (3")                     | LF    | 48                | 70.00      | 3,360.00              | 85.00  | 4,080.00   |
| 11                                 | 515063    | CORE CONCRETE (4")                     | LF    | 10                | 80.00      | 800.00                | 45.00  | 450.00     |
| 12                                 | 515064    | CORE CONCRETE (5")                     | LF    | 219               | 85.00      | 18,615.00             | 120.00   | 26,280.00  |
| 13                                 | 159101    | RAISE BRIDGE                           | LS    | 1                 | 280,000.00 | 280,000.00            | 70,000.00  | 70,000.00  |
| 14                                 | 520102    | BAR REINFORCING STEEL (BRIDGE)         | LB    | 30,279            | 0.80       | 24,223.20             | 2.00   | 60,558.00  |
| 15                                 | 550102    | STRUCTURAL STEEL (BRIDGE)              | LB    | 159,370           | 4.25       | 677,322.50            | 3.50   | 557,795.00 |
| 16                                 | 590115    | CLEAN AND PAINT STRUCTURAL STEEL       | LS    | 1                 | 70,000.00  | 70,000.00             | 40,000.00  | 40,000.00  |
| 17                                 | 590135    | SPOT BLAST CLEAN AND PAINT UNDERCOAT   | SQFT  | 300               | 150.00     | 45,000.00             | 150.00   | 45,000.00  |
| 18                                 | 750501    | MISCELLANEOUS METAL (BRIDGE)           | LB    | 560               | 6.50       | 3,640.00              | 2.00   | 1,120.00   |
| 19                                 | 072000    | ROCK SLOPE PROTECTION                  | LS    | 1                 | 16,000.00  | 16,000.00             | 7,500.00   | 7,500.00   |
| 19A                                | 011902    | DEWATERING                             | LS    | 1                 | 10,000.00  | 10,000.00             | 25,000.00  | 25,000.00  |
| 19B                                | 999990    | MOBILIZATION                           | LS    | 1                 | 80,000.00  | 80,000.00             | 100,000.00   | 100,000.00 |
| <b>SUBTOTAL (SCHEDULE "A") :</b>   |           |  |       |                   |            | <b>\$1,467,236.70</b> | <b>\$1,143,183.00</b>                                  |            |

**Riverside County Transportation Department  
Summary of Bids**

**PROJECT: EARTHQUAKE RETROFIT**

of the Market Street Bridge at the Santa Ana River

**PROJECT NOS. A2-0663 & A9-0446, STPLNZP-5956(013)**

Bids Open: 2:00 pm **DATE: October 18, 2000**

STPLNZP-5956(013)

| SCHEDULE "B" (BARRIER REPLACEMENT) |           |                                      |       | COUNTY'S ESTIMATE |            |                   | D.W. POWELL<br>CONSTRUCTION, INC.<br>FONTANA, CA 92334 |                   |
|------------------------------------|-----------|--------------------------------------|-------|-------------------|------------|-------------------|--|-------------------|
| ITEM NO.                           | ITEM CODE | CONTRACT ITEM                        | UNITS | QUANTITY          | UNIT PRICE | ENG ESTIMATE      | BID  | AMOUNT            |
| 20                                 | 120100    | TRAFFIC CONTROL SYSTEM               | LS    | 1                 | 8,000.00   | 8,000.00          | 50,000.00  | 50,000.00         |
| 21                                 | 129000    | TEMPORARY RAILING (TYPE K)           | LF    | 2,780             | 8.00       | 22,240.00         | 12.00  | 33,360.00         |
| 22                                 | 129100    | TEMPORARY CRASH CUSHION MODULE       | EA    | 22                | 240.00     | 5,280.00          | 300.00   | 6,600.00          |
| 23                                 | 150659    | REMOVE TERMINAL SECTION              | EA    | 3                 | 800.00     | 2,400.00          | 50.00  | 150.00            |
| 24                                 | 150662    | REMOVE METAL BEAM GUARD RAILING      | LF    | 115               | 8.00       | 920.00            | 5.00   | 575.00            |
| 25                                 | 150769    | REMOVE ASPHALT CONCRETE              | SQYD  | 39                | 30.00      | 1,170.00          | 50.00  | 1,950.00          |
| 26                                 | 152380    | RELOCATE CHAIN LINK FENCE            | LF    | 57                | 70.00      | 3,990.00          | 25.00  | 1,425.00          |
| 27                                 | 157560    | BRIDGE REMOVAL (PORTION)             | LS    | 1                 | 25,000.00  | 25,000.00         | 90,000.00  | 90,000.00         |
| 28                                 | 160101    | CLEARING AND GRUBBING                | LS    | 1                 | 2,500.00   | 2,500.00          | 5,000.00   | 5,000.00          |
| 29                                 | 000003    | CONSTRUCT TEMPORARY ACCESS ROAD      | LS    | 1                 | 4,000.00   | 4,000.00          | 30,000.00  | 30,000.00         |
| 30                                 | 260201    | CLASS 2 AGGREGATE BASE               | CY    | 5                 | 50.00      | 250.00            | 300.00   | 1,500.00          |
| 31                                 | 390103    | ASPHALT CONCRETE (TYPE B)            | TON   | 5                 | 50.00      | 250.00            | 300.00   | 1,500.00          |
| 32                                 | 390113    | ASPHALT CONCRETE DIKE                | LF    | 46                | 45.00      | 2,070.00          | 30.00  | 1,380.00          |
| 33                                 | 510053    | STRUCTURAL CONCRETE, BRIDGE          | CY    | 197               | 600.00     | 118,200.00        | 550.00   | 108,350.00        |
| 34                                 | 511106    | DRILL AND BOND DOWEL                 | LF    | 157               | 20.00      | 3,140.00          | 20.00  | 3,140.00          |
| 35                                 | 520102    | BAR REINFORCING STEEL (BRIDGE)       | LB    | 97,866            | 1.00       | 97,866.00         | 2.00   | 195,732.00        |
| 36                                 | 566011    | ROADSIDE SIGN-ONE POST               | EA    | 6                 | 200.00     | 1,200.00          | 250.00   | 1,500.00          |
| 37                                 | 750501    | MISCELLANEOUS METAL (BRIDGE)         | LB    | 777               | 6.00       | 4,662.00          | 3.00   | 2,331.00          |
| 38                                 | 820101    | MARKER                               | EA    | 8                 | 25.00      | 200.00            | 20.00  | 160.00            |
| 39                                 | 820134    | OBJECT MARKER (TYPE P)               | EA    | 4                 | 75.00      | 300.00            | 60.00  | 240.00            |
| 40                                 | 832003    | METAL BEAM GUARD RAILING (WOOD POST) | LF    | 147               | 30.00      | 4,410.00          | 35.00  | 5,145.00          |
| 41                                 | 833020    | CHAIN LINK RAILING                   | LF    | 1,222             | 60.00      | 73,320.00         | 35.00  | 42,770.00         |
| 42                                 | 833088    | TUBULAR HANDRAILING                  | LF    | 1,224             | 50.00      | 61,200.00         | 30.00  | 36,720.00         |
| 43                                 | 839401    | CONCRETE BARRIER                     | LF    | 2,435.5           | 60.00      | 146,130.00        | 30.00  | 73,065.00         |
| 44                                 | 839559    | TERMINAL SYSTEM (TYPE SRT)           | EA    | 4                 | 2,300.00   | 9,200.00          | 2,000.00   | 8,000.00          |
| 45                                 | 840504    | 4" THERMOPLASTIC TRAFFIC STRIPE      | LF    | 5,911             | 1.25       | 7,388.75          | 0.50   | 2,955.50          |
| 46                                 | 850102    | PAVEMENT MARKER (REFLECTIVE)         | EA    | 134               | 3.25       | 435.50            | 4.00   | 536.00            |
| 47                                 | 999990    | MOBILIZATION                         | LS    | 1                 | 51,000.00  | 51,000.00         | 75,000.00  | 75,000.00         |
| <b>SUBTOTAL (SCHEDULE "B") :</b>   |           |                                      |       |                   |            | <b>656,722.25</b> |  | <b>779,084.50</b> |

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STPLNZP-5956(013)

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| SCHEDULE "C"                     |           |                           |       | COUNTY'S ESTIMATE |            |                  | D.W. POWELL<br>CONSTRUCTION, INC.<br>FONTANA, CA 92334 |                  |
|----------------------------------|-----------|---------------------------|-------|-------------------|------------|------------------|--|------------------|
| ITEM NO.                         | ITEM CODE | CONTRACT ITEM             | UNITS | QUANTITY          | UNIT PRICE | ENG ESTIMATE     | BID  | AMOUNT           |
| 48                               | 066105    | RESIDENT ENGINEERS OFFICE | LS    | 1                 | 20,000.00  | 20,000.00        | 15,000.00  | 15,000.00        |
| <b>SUBTOTAL (SCHEDULE "C") :</b> |           |                           |       |                   |            | <b>20,000.00</b> |  | <b>15,000.00</b> |

|                           |                       |                       |
|---------------------------|-----------------------|-----------------------|
| SUBTOTAL (SCHEDULE "A") : | 1,467,236.70          | 1,143,183.00          |
| SUBTOTAL (SCHEDULE "B") : | 656,722.25            | 779,084.50            |
| SUBTOTAL (SCHEDULE "C") : | 20,000.00             | 15,000.00             |
| <b>PROJECT TOTAL :</b>    | <b>\$2,143,958.95</b> | <b>\$1,937,267.50</b> |

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STPLNZP-5956(013)

| SCHEDULE "A" (EARTHQUAKE RETROFIT) |           |  |       |          | 4-CON ENGINEERING INC. |                     | TM ENGINEERING    |                     |
|------------------------------------|-----------|--|-------|----------|------------------------|---------------------|-------------------|---------------------|
|                                    |           |  |       |          | FONTANA, CA 92334      |                     | TARZANA, CA 91356 |                     |
| ITEM NO.                           | ITEM CODE | CONTRACT ITEM                          | UNITS | QUANTITY | BID                    | AMOUNT              | BID               | AMOUNT              |
| 1                                  | 590301    | WORK AREA MONITORING                   | LS    | 1        | 10,000.00              | 10,000.00           | 20,000.00         | 20,000.00           |
| 2                                  | 192003    | STRUCTURE EXCAVATION (BRIDGE)          | CY    | 424      | 20.00                  | 8,480.00            | 50.00             | 21,200.00           |
| 3                                  | 192020    | STRUCTURE EXCAVATION (TYPE D)          | CY    | 368      | 20.00                  | 7,360.00            | 80.00             | 29,440.00           |
| 4                                  | 193003    | STRUCTURE BACKFILL (BRIDGE)            | CY    | 399      | 16.00                  | 6,384.00            | 40.00             | 15,960.00           |
| 5                                  | 510051    | STRUCTURAL CONCRETE, BRIDGE FOOTING    | CY    | 200      | 640.00                 | 128,000.00          | 300.00            | 60,000.00           |
| 6                                  | 510053    | STRUCTURAL CONCRETE, BRIDGE            | CY    | 25       | 450.00                 | 11,250.00           | 800.00            | 20,000.00           |
| 7                                  | 511106    | DRILL AND BOND DOWEL                   | LF    | 1,257    | 25.00                  | 31,425.00           | 25.00             | 31,425.00           |
| 8                                  | 511109    | DRILL AND BOND DOWEL (EPOXY CARTRIDGE) | EA    | 15       | 40.00                  | 600.00              | 100.00            | 1,500.00            |
| 9                                  | 515010    | INSTALL STUD CONNECTORS                | EA    | 264      | 150.00                 | 39,600.00           | 50.00             | 13,200.00           |
| 10                                 | 515062    | CORE CONCRETE (3")                     | LF    | 48       | 50.00                  | 2,400.00            | 70.00             | 3,360.00            |
| 11                                 | 515063    | CORE CONCRETE (4")                     | LF    | 10       | 50.00                  | 500.00              | 100.00            | 1,000.00            |
| 12                                 | 515064    | CORE CONCRETE (5")                     | LF    | 219      | 50.00                  | 10,950.00           | 130.00            | 28,470.00           |
| 13                                 | 159101    | RAISE BRIDGE                           | LS    | 1        | 85,000.00              | 85,000.00           | 60,000.00         | 60,000.00           |
| 14                                 | 520102    | BAR REINFORCING STEEL (BRIDGE)         | LB    | 30,279   | 2.50                   | 75,697.50           | 2.25              | 68,127.75           |
| 15                                 | 550102    | STRUCTURAL STEEL (BRIDGE)              | LB    | 159,370  | 4.75                   | 757,007.50          | 3.90              | 621,543.00          |
| 16                                 | 590115    | CLEAN AND PAINT STRUCTURAL STEEL       | LS    | 1        | 32,000.00              | 32,000.00           | 33,000.00         | 33,000.00           |
| 17                                 | 590135    | SPOT BLAST CLEAN AND PAINT UNDERCOAT   | SQFT  | 300      | 110.00                 | 33,000.00           | 100.00            | 30,000.00           |
| 18                                 | 750501    | MISCELLANEOUS METAL (BRIDGE)           | LB    | 560      | 5.00                   | 2,800.00            | 15.00             | 8,400.00            |
| 19                                 | 720000    | ROCK SLOPE PROTECTION                  | LS    | 1        | 10,000.00              | 10,000.00           | 15,000.00         | 15,000.00           |
| 19A                                | 011902    | DEWATERING                             | LS    | 1        | 3,000.00               | 3,000.00            | 10,000.00         | 10,000.00           |
| 19B                                | 999990    | MOBILIZATION                           | LS    | 1        | 115,000.00             | 115,000.00          | 170,000.00        | 170,000.00          |
| <b>SUBTOTAL (SCHEDULE "A") :</b>   |           |  |       |          |                        | <b>1,370,454.00</b> |                   | <b>1,261,625.75</b> |

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STPLNZP-5956(013)

| SCHEDULE "B" (BARRIER REPLACEMENT) |           |                                      |       |          | 4-CON ENGINEERING INC. |                   | TM ENGINEERING    |                     |
|------------------------------------|-----------|--------------------------------------|-------|----------|------------------------|-------------------|-------------------|---------------------|
|                                    |           |                                      |       |          | FONTANA, CA 92334      |                   | TARZANA, CA 91356 |                     |
| ITEM NO.                           | ITEM CODE | CONTRACT ITEM                        | UNITS | QUANTITY | BID                    | AMOUNT            | BID               | AMOUNT              |
| 20                                 | 120100    | TRAFFIC CONTROL SYSTEM               | LS    | 1        | 50,000.00              | 50,000.00         | 50,000.00         | 50,000.00           |
| 21                                 | 129000    | TEMPORARY RAILING (TYPE K)           | LF    | 2,780    | 20.00                  | 55,600.00         | 25.00             | 69,500.00           |
| 22                                 | 129100    | TEMPORARY CRASH CUSHION MODULE       | EA    | 22       | 350.00                 | 7,700.00          | 300.00            | 6,600.00            |
| 23                                 | 150659    | REMOVE TERMINAL SECTION              | EA    | 3        | 350.00                 | 1,050.00          | 400.00            | 1,200.00            |
| 24                                 | 150662    | REMOVE METAL BEAM GUARD RAILING      | LF    | 115      | 14.00                  | 1,610.00          | 20.00             | 2,300.00            |
| 25                                 | 150769    | REMOVE ASPHALT CONCRETE              | SQYD  | 39       | 25.00                  | 975.00            | 15.00             | 585.00              |
| 26                                 | 152380    | RELOCATE CHAIN LINK FENCE            | LF    | 57       | 35.00                  | 1,995.00          | 35.00             | 1,995.00            |
| 27                                 | 157560    | BRIDGE REMOVAL (PORTION)             | LS    | 1        | 180,000.00             | 180,000.00        | 65,000.00         | 65,000.00           |
| 28                                 | 160101    | CLEARING AND GRUBBING                | LS    | 1        | 7,500.00               | 7,500.00          | 15,000.00         | 15,000.00           |
| 29                                 | 000003    | CONSTRUCT TEMPORARY ACCESS ROAD      | LS    | 1        | 40,000.00              | 40,000.00         | 20,000.00         | 20,000.00           |
| 30                                 | 260201    | CLASS 2 AGGREGATE BASE               | CY    | 5        | 30.00                  | 150.00            | 100.00            | 500.00              |
| 31                                 | 390103    | ASPHALT CONCRETE (TYPE B)            | TON   | 5        | 100.00                 | 500.00            | 1,000.00          | 5,000.00            |
| 32                                 | 390113    | ASPHALT CONCRETE DIKE                | LF    | 46       | 10.00                  | 460.00            | 20.00             | 920.00              |
| 33                                 | 510053    | STRUCTURAL CONCRETE, BRIDGE          | CY    | 197      | 220.00                 | 43,340.00         | 1,210.00          | 238,370.00          |
| 34                                 | 511106    | DRILL AND BOND DOWEL                 | LF    | 157      | 30.00                  | 4,710.00          | 25.00             | 3,925.00            |
| 35                                 | 520102    | BAR REINFORCING STEEL (BRIDGE)       | LB    | 97,866   | 2.50                   | 244,665.00        | 2.25              | 220,198.50          |
| 36                                 | 566011    | ROADSIDE SIGN-ONE POST               | EA    | 6        | 220.00                 | 1,320.00          | 250.00            | 1,500.00            |
| 37                                 | 750501    | MISCELLANEOUS METAL (BRIDGE)         | LB    | 777      | 3.50                   | 2,719.50          | 10.00             | 7,770.00            |
| 38                                 | 820101    | MARKER                               | EA    | 8        | 15.00                  | 120.00            | 50.00             | 400.00              |
| 39                                 | 820134    | OBJECT MARKER (TYPE P)               | EA    | 4        | 125.00                 | 500.00            | 150.00            | 600.00              |
| 40                                 | 832003    | METAL BEAM GUARD RAILING (WOOD POST) | LF    | 147      | 45.00                  | 6,615.00          | 60.00             | 8,820.00            |
| 41                                 | 833020    | CHAIN LINK RAILING                   | LF    | 1,222    | 37.00                  | 45,214.00         | 40.00             | 48,880.00           |
| 42                                 | 833088    | TUBULAR HANDRAILING                  | LF    | 1,224    | 25.00                  | 30,600.00         | 30.00             | 36,720.00           |
| 43                                 | 839401    | CONCRETE BARRIER                     | LF    | 2,435.5  | 40.00                  | 97,420.00         | 60.00             | 146,130.00          |
| 44                                 | 839559    | TERMINAL SYSTEM (TYPE SRT)           | EA    | 4        | 2,000.00               | 8,000.00          | 2,000.00          | 8,000.00            |
| 45                                 | 840504    | 4" THERMOPLASTIC TRAFFIC STRIPE      | LF    | 5,911    | 0.50                   | 2,955.50          | 0.60              | 3,546.60            |
| 46                                 | 850102    | PAVEMENT MARKER (REFLECTIVE)         | EA    | 134      | 5.00                   | 670.00            | 10.00             | 1,340.00            |
| 47                                 | 999990    | MOBILIZATION                         | LS    | 1        | 70,000.00              | 70,000.00         | 100,000.00        | 100,000.00          |
| <b>SUBTOTAL (SCHEDULE "B") :</b>   |           |                                      |       |          |                        | <b>906,389.00</b> |                   | <b>1,064,800.10</b> |

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| SCHEDULE "C"                     |           |                           |       | 4-CON ENGINEERING INC.<br>FONTANA, CA 92334 |            |                  | TM ENGINEERING<br>TARZANA, CA 91356 |                  |
|----------------------------------|-----------|---------------------------|-------|---|------------|------------------|-------------------------------------|------------------|
| ITEM NO.                         | ITEM CODE | CONTRACT ITEM             | UNITS | QUANTITY                                    | UNIT PRICE | ENG ESTIMATE     | BID                                 | AMOUNT           |
| 48                               | 066105    | RESIDENT ENGINEERS OFFICE | LS    | 1   | 18,000.00  | 18,000.00        | 20,000.00                           | 20,000.00        |
| <b>SUBTOTAL (SCHEDULE "C") :</b> |           |                           |       |   |            | <b>18,000.00</b> |                                     | <b>20,000.00</b> |

|                           |                       |                       |
|---------------------------|-----------------------|-----------------------|
| SUBTOTAL (SCHEDULE "A") : | 1,370,454.00          | 1,261,625.75          |
| SUBTOTAL (SCHEDULE "B") : | 906,389.00            | 1,064,800.10          |
| SUBTOTAL (SCHEDULE "C") : | 18,000.00             | 20,000.00             |
| <b>PROJECT TOTAL :</b>    | <b>\$2,294,843.00</b> | <b>\$2,346,425.85</b> |