

MANHOURS & LEVELS OF EFFORTS

City of Needles' ATP Cycle 6

Professional Engineering Services for Schools & Seniors' Sidewalk Project

MINAGAR & ASSOCIATES, INC.

| PHASE AND DESCRIPTION | PM | PE | SE | FM | SD | EA | DIRECT COST* | TOTAL |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|--------------|------------------|
| I Topo Survey, Utility Research & Project Data Collection | 17 | 4 | 0 | 80 | 85 | 70 | \$0 | \$34,390 |
| II Preliminary Design Plan/ Environmental Clearance from Caltrans District 8 | 45 | 59 | 44 | 0 | 42 | 186 | \$0 | \$49,615 |
| III Prepare Final PS&E | 65 | 99 | 68 | 0 | 88 | 450 | \$0 | \$93,560 |
| IV Bidding Assitance & Construction Engineering | 38 | 22 | 0 | 0 | 0 | 65 | \$0 | \$17,572 |
| V Construction Engineering | 25 | 23 | 6 | 25 | 0 | 88 | \$0 | \$20,803 |
| Total Hours | 190 | 207 | 118 | 105 | 215 | 859 | | |
| Hourly Rate | \$224.92 | \$180.62 | \$167.24 | \$127.36 | \$167.24 | \$77.71 | \$0 | |
| Total Labor Cost (\$) | \$42,735 | \$37,388 | \$19,734 | \$13,373 | \$35,957 | \$66,753 | \$0 | \$215,940 |
| TOTAL COST | | | | | | | | \$215,940 |

PM Project Manager
SD Senior Designer

PE Project Engineer
EA Engineering Assistant

SE Senior Engineer
FM Field Manager/Dep Rep

12/6/2023