

PROPOSAL FOR

PROFESSIONAL SERVICES  
 ENGINEERING DESIGN SERVICES FOR HALCYON COMPLETE STREETS PW 2023-15  
 5/28/2024 - Rev 6-11-24

CITY OF ARROYO GRANDE  
 HALCYON ROAD - HWY 101 TO THE PIKE  
 ARROYO GRANDE, CALIFORNIA

ESTIMATED FEE

**TASK 1 TOPOGRAPHIC AND BOUNDARY SURVEY**

**\$62,550.00**

1. Topographic Mapping ( $\pm$  1.2 Miles)
  - a. Prepare 1' interval contour map
    1. Cross section streets at  $50' \pm$  intervals (Curb to Curb where existing, to R/W where no curb)
    2. Locate driveways
    3. Detail topographic survey at curb returns (26 Ramps)
    4. Locate USA markings
    5. Locate visual surface and overhead utilities
    6. Research underground utilities
    7. City water and sewer atlases
    8. Field measure operating nut of water valves
    9. Locate potholed utilities
2. Boundary Survey
  - a. Review record information
  - b. Boundary Field Reconnaissance of center line monuments
  - c. Resolve record right of ways for base map
3. Pre Construction Record of Survey
  - a. Prepare Record of Survey - Tie Out Monuments to be disturbed by construction
  - b. Coordinate County review

**TASK 2 PRELIMINARY ENGINEERING**

**\$46,940.00**

1. Prepare base map including all utilities
2. Prepare preliminary striping and marking plan
3. Preliminary layout of roundabout at Fair Oaks
4. Review drainage along Halcyon street for possible improvements
5. Identify R/W needed for improvements - Coordinate with City consultant
6. Coordinate with PEI on pavement recommendations
7. Preliminary layout of storm drain - 1,500 LF Dobson Way to AG Hospital
8. Preliminary stormwater mitigation for roundabout
9. Prepare preliminary design with exhibits to present to City
10. Submit to City for review and comment
11. Meeting with City to discuss options (if needed)

**TASK 3 PLANS, SPECIFICATIONS AND ESTIMATE (PS&E)**

**\$177,930.00**

1. Prepare plan set including title sheet and City Std details
2. Prepare demolition sheets
3. Prepare street sheets (4 sheets @1' = 40")
4. Prepare ADA curb ramps/driveway approaches plan and profile
5. Prepare striping, signage and marking sheets
6. Prepare plan and profile of Storm Drain (1,500 LF)
7. Coordinate with City on locations and USA markings
8. Identify Post Construction Requirements
9. Prepare final stormwater technical memorandum
10. Incorporate any comments from preliminary phase and finalize
11. Prepare Bid Tabulation for City's use
12. Prepare opinion of probable cost
13. Prepare technical specifications
15. Submit 65% PS&E (First Draft) plans to City
16. Prepare response to comments
17. Review comments and attend meeting with City to review (if needed)
18. Incorporate 65% comments into plan set
19. Prepare responses for comment log
20. Review and incorporate comments into plan set
21. Submit 95% PS&E to City with response to comments
22. Incorporate 95% comments into final draft of bid package
23. Submit 100% PS&E to City
24. Provide a complete set of bidding documents to the City
25. Provide "live" files to City necessary for bid package assembly
26. Develop a construction schedule strategy with City staff
27. Provide support to City as needed for a complete set of bidding documents

**TASK 4 BIDDING PHASE**

**\$21,290.00**

1. Assist City to prepare for a pre-bid meeting (preparation materials)
2. Attend pre-bid meeting, assist and/or lead field walks
3. Prepare meeting minutes noting questions from contractors
4. Review and propose responses to bidders questions
5. Prepare addenda to construction documents as necessary
6. Assist City with bid tabulations
7. Assist the City with bid protests if necessary
8. Prepare conformed contract documents for distribution

**TASK 5 CONSTRUCTION PHASE \$45,940.00**

1. Distribute live files as requested by contractor
2. Respond to RFI's (24 RFI's @ 1hr ea.)
3. Review contractor's submittals (shop drawings) (32 submittals @ 1 hr. ea.)
4. Review change order costs
5. Provide four (4) design modifications including specifications, costs and drawings (4 chg. ord @ 4 hrs ea)
6. Review substitution requests by Contractor

**TASK 6 PROJECT MANAGEMENT/MEETINGS AND QUALITY CONTROL \$50,990.00**

1. Coordination with Engineering Project Manager (City of AG)
2. Construction field meetings (20 @ 2hr each)
3. Attend three project team meetings
3. Attend City Council meeting
4. Provide technical assistance to City's representatives
5. Coordinate design kick-off/ field recon meeting with City
6. Quality control/internal plan check

<b>NCE FEE:</b>	<b>\$405,640.00</b>
<b>PEI -PAVEMENT RECOMMENDATIONS/TESTING/INSPECTIONS:</b>	<b>\$440,748.00</b>
<b>W-TRANS - TRAFFIC ENGINEER:</b>	<b>\$215,600.00</b>
<b>SLO COUNTY CHECKING AND RECORDING</b>	<b>\$1,000.00</b>

**BREAKDOWN OF FEES**

<b>DESIGN AND BID ASSIST FEE (+ SLO County Recording):</b>	<b>\$617,412.00</b>
<b>ROW FEE:</b>	<b>\$5,000.00</b>
<b>CONSTRUCTION SUPPORT AND TESTING FEE:</b>	<b>\$440,576.00</b>
<b><u>TOTAL FEE:</u></b>	<b>\$1,062,988.00</b>

**CITY PROVIDED INFORMATION**

- Stormwater Pollution Prevention Plan by Contractor
- City to provide existing Utility Atlases
- Construction Staking to be provided by Contractor
- City to provide existing as-builts of Halycon Road
- City to provide existing center-line monument information along Halcyon Road