

TO: JAMES L. APP, CITY MANAGER
FROM: JOHN R. McCARTHY, DIRECTOR OF PUBLIC WORKS
SUBJECT: CUESTA COLLEGE IMPROVEMENTS
FINAL BUDGET APPROPRIATIONS AND DESIGN

DATE: JUNE 1, 1999

Needs: For the City Council to adopt a Resolution to adopt the final budget appropriations and enter a Consultant Services Agreement for the improvements at Cuesta College.

- Facts:**
1. In 1998, the City Council adopted a Capital Improvement Program (CIP) in which certain funds were allocated towards the improvements at Cuesta College.
 2. Since then, circumstances have changed due to:
 - a. priorities were revised as recommended by the City Council and the Cuesta College Board
 - b. the City has received a letter from Caltrans agreeing to issue an encroachment permit to install a traffic signal at Buena Vista and Highway 46.
 - c. the City will be receiving \$25,000 from Caltrans to be used for a street light at Buena Vista and Highway 46.
 3. The City Council, at their April 6, 1999 meeting directed staff to initiate final design for two projects: 1) Buena Vista improvements and widening from Highway 46 to Experimental Station (including a traffic signal); and 2) Improvements in Dallons Drive (formerly Ronan Road) from Buena Vista to Golden Hill Road.
 4. The City has received the attached Scope of Work and fee proposal from EDA & Associates, to perform the final design for the projects noted above.

Analysis and

Conclusion: Staff requests that the City Council adopt the attached Resolution to revise the budget allocation previously adopted for Cuesta College as follows:

• Buena Vista Improvements (including a signal and street light)	\$825,000
Reimbursed by Caltrans	\$25,000
From Borkey Specific Plan Fees	\$125,200
Measure 'D'	\$674,800

Of the \$825,000 allocated for Buena Vista, \$200,000 will be for the installation of a traffic signal. Large drainage swales are on both sides of Buena Vista Road.

In order to widen this street to allow four lanes of traffic, turn pockets, curb, gutter, sidewalk, and parkway, the large drainage swales will need to be filled and storm drain culverts installed to accommodate storm water runoff.

Dallons Drive Improvements from Buena Vista to Golden Hill	\$750,000
all from Measure 'D'	

Policy

Reference: Adopted Capital Improvement Program in which \$1,575,000 was earmarked for Cuesta College Improvements from Measure 'D' funds
April 6, 1999 City Council Meeting

Fiscal

Impact: As noted above

Options:

- A. That the City Council adopt the attached Resolution to revise the budget appropriations for Cuesta College; and to authorize the City Manager to enter a Consultant Services Agreement with EDA and Associates for the final design of the improvements to Buena Vista Drive and to Dallons Drive.
- B. That the City Council amend, modify or reject the above option.

Attachments: (2)

- 1) Resolution
- 2) Scope of Work & Fee Proposal

RESOLUTION NO. 99-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES TO REVISE BUDGET APPROPRIATIONS FOR THE CUESTA COLLEGE IMPROVEMENTS AND TO AUTHORIZE THE CITY MANAGER TO ENTER A CONSULTANT SERVICES AGREEMENT

WHEREAS, the City Council and Cuesta College Board has revised the priority of projects to be constructed for Cuesta College; and

WHEREAS, the City has received notification that Caltrans will be issuing an encroachment permit to install a traffic signal at Buena Vista and Highway 46; and

WHEREAS, the City will be reimbursed up to \$25,000 for the cost to install a street light at Buena Vista and Highway 46; and

WHEREAS, the City has received a fee proposal and scope of work from EDA & Associates to perform the final design for the improvements at Buena Vista Drive and at Dallons Drive.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

Section 1. That the City Council of the City of Paso Robles does hereby amend the Capital Improvement Program as it relates to Measure 'D' Cuesta College Improvements:

- Buena Vista Improvements (including street, street lighting and signalization) \$825,000
((\$25,000 Caltrans contribution and \$125,200 Specific Plan contribution)

Budget Account 130-910-5452-307

- Dallons Drive Improvements (originally labeled Ronan Road) \$750,000

Budget Account 130-910-5452-305

Section 2. That all prior project designations for Measure 'D' Cuesta College Improvements are hereby rescinded.

Section 3. That the City Council of the City of Paso Robles does hereby authorize the City Manager to enter a Consultant Services Agreement with EDA & Associates to prepare the final design for the improvements noted in Section 1.

PASSED AND ADOPTED by the City Council of the City of Paso Robles, this 1st day of **June**, 1999, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Duane J. Picanco, Mayor

ATTEST:

Cindy Pilg, Deputy City Clerk



ENGINEERING
DEVELOPMENT
ASSOCIATES
May 12, 1999

RECEIVED

MAY 14 1999

DEPT. OF PUBLIC WORKS

Ditas Esperanza
Planning Department
City of Paso Del Robles
1000 Spring Street
Paso Robles, CA 93446

Re: Buena Vista Intersection Improvements In Road Widening At Highway 46 At Buena Vista Road

Dear Ditas:

Thank you for requesting a proposal from EDA to assist you in preparing engineering documents to improve the intersection at Buena Vista Road and Highway 46. We are familiar with the intersection and are pleased to provide the following proposal.

The following discussion identifies the activities EDA will pursue in regards to this widening project. Our work will include preparing engineering documents for improvements to Highway 46 to accommodate potential increased left turn lane storage onto Buena Vista from eastbound Hwy 46, a possible eastbound acceleration lane onto Highway 46 from Buena Vista Road, widening of Buena Vista Road from Experimental Station to Highway 46, preparation of right-of-way deeds, topographic and boundary surveys, and other activities to support the efforts of Associated Transportation Engineers (ATE) in their work to prepare traffic signal plans for this intersection.

Since the project has basic parameters established that may be modified, our proposal anticipates the preparation of several concept plans for evaluation with the council and Caltrans. The concept plans will be prepared in advance of construction documents and we have included time for preparation of cost estimates and attending public hearings to secure approval of the preferred alignment.

The Scope of Services defined below is based on our current understanding of the project. If conditions change or warrant an expanded or reduced Scope, we will be able to revise our proposal as necessary.

SCOPE OF SERVICES

1. RIGHT-OF-WAY SURVEY

EDA will prepare a boundary survey of properties involved in the widening of Buena Vista Road between Experimental Station and Highway 46. We will conduct a boundary survey in the area, retrace existing monumentation, tie into

existing Caltrans monuments and prepared a Record of Survey of our work. This fee also includes setting the final corners for the new right of way that will be established by the widening.

FIXED FEE:	
RIGHT-OF-WAY SURVEY	\$3,400
RECORD OF SURVEY	\$2,760

2. TOPOGRAPHIC SURVEY

Eda will need to provide a topographic survey of Highway 46 and Buena Vista Road in the vicinity of the widening. Buena Vista Road will need to be surveyed for at least 120 feet on either side of the centerline due to the large swale that crosses Buena Vista. Additionally, Highway 46 will need to be surveyed for two-tenths of a mile in each direction due to advanced warning signage that is being contemplated. Surface improvements to Highway 46 may involve the eastbound left turn lane of Highway 46, an eastbound acceleration lane on Highway 46, and acceleration and deceleration lanes to Buena Vista road for westbound Highway 46 traffic. All surveying within the State highway right-of-way will be performed in metric units and we can provide improvements to Buena Vista in metric if desired by your office. This topographic survey will include the location of existing striping, road improvements, drainage facilities, trees, and other improvements.

Fixed Fee:	\$6,300
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3. OPTIONAL AERIAL SURVEY

Aerial topographic surveys are not suitable for preparation of construction documents for joining existing roadways. However, an aerial survey could provide the continuity and flexibility for a project of this magnitude. Therefore, if you would like to use an aerial product, we can augment our survey for a very nominal sum to accommodate this approach.

Additional Fixed Fee:	\$1,500
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4. CONCEPTUAL PLANS

The widening of Buena Vista will require that we evaluate the costs associated with widening the road as it traverses the existing drainage swell. While the swale is deep on both sides, the east side of Buena Vista may have less impact on costs and, therefore, may be a superior alternative.

We will prepare two alignments for Buena Vista Road between Experimental Station and Highway 46. These alignments will look at the option of providing retaining walls to accomplish the widening or removal of existing oak trees and

the use of fill slopes. These two options will be evaluated in conjunction with the reconstruction of Highway 46 to accommodate left turn movements into and out of Buena Vista Road.

These exhibits will be prepared in plan view for review by the council at a special hearing. In addition, we will provide cost estimates for each of these two alternatives. We anticipate being able to show the difference between a retaining wall solution and fill slope solution for each of these two designs. In conjunction with our conceptual study, we will prepare a drainage analysis to determine the adequacy of the existing pipe that runs under Buena Vista Road. As part of either design solution, the drainage facility will need to be addressed as part of our services.

Fixed Fee: \$7,500

5. CAL TRANS COORDINATION AND COUNCIL HEARINGS

This category of work anticipates meetings with Caltrans and presentation of design solutions to the council. These categories are very difficult to estimate, therefore, we are proposing this be handled on an hourly basis. Our hourly rates are found in the attached SCHEDULE OF FEES for your review and use.

Estimate Fee: \$2,800

6. RIGHT-OF-WAY DEEDS AND EXHIBITS

Widening of Buena Vista and Improvements to Highway 46 will require the offer of dedication for right-of-way adjoining Buena Vista Road. Once the alignment has been agreed to by the council and Caltrans, we will prepare right-of-way deeds and exhibits for the dedication of the necessary property. These documents will include the amount of area to be offered in the dedications, describe the meets-and-bounds of all right-of-way offered, and an exhibit of the offer. As described above, we will be setting final corners once the right-of ways have been obtained.

Fixed Fee: \$2,800

7. CONSTRUCTION DOCUMENTS

EDA will prepare the street plan for widening of Buena Vista between Experimental Station and Highway 46. We will prepare surface improvement plans for Highway 46 that define the median improvements, access to and from Buena Vista Road, and possible acceleration lane for eastbound Highway 46 from Buena Vista Road. We will prepare an underground plan for Buena Vista Road, title sheet, and detail sheets for the improvements.

We anticipate that our design will require the construction of retaining walls in conjunction with this effort. Therefore, we have included a fee specifically for retaining wall design, as well as, profiles of the walls. In addition, we will need to show headwall improvements for the inlet and outlet of the drainage pipe under Buena Vista Road. If our design eliminates the use of retaining walls, we will be able to reduce the retaining wall figure from our overall fee

In addition to our construction documents, we will need to prepare the final cost estimate for the project and coordinate with utility companies for disposition of their facilities in the right-of-way, coordinate with the soil engineer and work with you to define their scope of services, and address all plan check requests. This project should not involve the preparation of an NPDES/SWPPP permit. However, we will include erosion control measures as part of our work.

Construction Documents	\$ 8,500
Cost Estimate	\$ 1,300
Soils Engineer	\$ 2,500
Retaining Wall Design	\$ <u>7,600</u>
Fixed Fee:	\$19,900

TOTAL FIXED FEE W/AERIAL SERVICE OPTION \$46,960

CLAIRIFICATIONS

All traffic signal work and stripping, and construction plans will be handled by ATE. We will coordinate our activities through their office for the preparation of our plans that define their facilities. We will coordinate with city regarding this division of work so that no misunderstandings occur.

TERMS OF SERVICE AND COMPENSATION

EDA will perform these services as described herein, and in accordance with the enclosed Standard Provisions of Agreement (12/15/94 revision), incorporated herein as Exhibit A.

Additional client expenses, charged at cost, may include title report fees, application fees, overnight deliveries, UPS charges, toll and long distance telephone charges, film processing, microfilm charges, outside reproduction charges and other reasonable and customary charges and fees necessary to accomplish this work.

You will be billed monthly, with payment being due and payable upon your receipt of our billing invoice.

Ditas Esperanza
May 12, 1999
Page 5

If this proposal is acceptable and you agree with the terms and conditions, please sign, date and return the original to our office. For your convenience, we have enclosed a duplicate original for your files. Work will commence upon receipt of this executed proposal. This proposal shall be valid for 60 days from the date hereof. Once again, thank you for requesting a proposal from EDA.

Sincerely,

ENGINEERING DEVELOPMENT ASSOCIATES



Daniel R. Lloyd

ACCEPTED

I have read the above, and the attached Exhibit A - Standard Provisions of Agreement (12/15/94 revision), incorporated herein by reference, and agree to the terms and conditions set forth in this proposal.

CLIENT

Ditas Esperanza Date

DRL\bd11550.prp 5/12/1999 11:14 AM

ENGINEERING DEVELOPMENT ASSOCIATES

1320 NIPOMO ST. ■ SAN LUIS OBISPO, CA 93401 ■ 805-549-8658 ■ FAX 805-549-8704
741 OAK ST ■ SAN JOSE, CA 95128 ■ 805-237-1033 ■ FAX 805-237-3297



ENGINEERING
DEVELOPMENT
ASSOCIATES

April 27, 1999

Ditas Esperanza
City of Paso Robles
City Engineer
1000 Spring Street
Paso Robles, CA 93446

Re: Dallons Drive; Proposal for Engineering Services

Dear Ditas:

Thank you for requesting a proposal from EDA to assist you in preparing construction documents for the improvement of Dallons Drive between Buena Vista Road and Golden Hill Road. The alignment has been established through previous water plan drawings and our goal and objective will be to prepare construction drawings to allow for the ultimate improvement of this roadway.

The following proposal is broken into two sections: Basis of Design and Scope of Services. These sections are meant to define the activities we will pursue and present our fee to prepare the necessary documents. If during your review of the scope of services you discover that additional information is needed, please let us know so that we may revise our proposal.

BASIS OF DESIGN

The base project will be the construction of an Urban Collector Standard with two 12 foot travel lanes, and two 12 foot bike or emergency parking lanes. There will be concrete curb and gutter and a 5 foot sidewalk within an 18 foot parkway on either side of the road. This improvement will fit within an existing 84 foot right-of-way. This section, under the Base Bid, will be from Station 10+00 to Station 15+00. Beyond Station 15+00, the roadway section will narrow to include two 14 foot traffic lanes, and two 8 foot bike or parking lanes. There will be a 20 foot parkway on either side of the asphalt curb and one side will include a three foot asphalt path. This is a Rural Standard Collector and will run from Station 15+00 to Golden Hill Road. At Golden Hill Road, we will be providing a right turn lane, left turn lane, and westbound through lane.

Alternate "A" Bid will extend the full Urban Standard Collector section described above from Station 15+00 to 38+00. This results in an additional 2,300 feet of Urban Standard Collector roadway section adjacent to Cuesta College.

Based on conversations with you and RRM, we will be using the their topographic data for preparation of the Improvement Plan set. This information should be usable for our

PLANNING

ENGINEERING • LAND SURVEYING

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purposes and we will rely on the accuracy and adequacy of this information for our work.

From our review of the preliminary profiles prepared by RRM, it appears that drainage from Station 28+00 to the west will be deposited at Buena Vista Drive. This will require the installation of two side opening catch basins and a junction structure to transmit this water to the west side of Buena Vista. There is one low point in this roadway at Station 33+00 that will require pipes under the roadway. At Golden Hill Road and Dallon Drive we anticipate construction of a cross gutter and spandrels to take the street water to the north. Our fee includes preparation of a drainage calculation package for quantifying the runoff and sizing the pipes.

EDA will contact The Gas Company, PG&E, Pacific Telephone, and the local Cable Television provider for the design of their facilities. They may wish to install facilities in conjunction with this construction, however, we can not be assured that they will want to participate at this time since there is no specific project related to this improvement.

EDA has contacted Earth System Consultants to provide a quote for soil testing to determine the R-Value and design the structural section for the roadway. Their fee quote is included in our proposal for your review and approval. However, we ask that the City contract directly with Earth Systems since our insurance carrier prefers the client to hire the soils engineer.

Based on our understanding of this project the following scope of services is presented for your review and approval.

SCOPE OF SERVICES - DALLINS DRIVE

1. Preliminary Cost Estimate	\$ 950
2. Survey For Tie-In Points	\$ 1,100
3. Utility Company Coordination	\$ 500
4. Soils Testing (R-Value, Paving Section)	\$ 900
5. Plan and Profile Drawings (title sheet, details, notes)	\$ 7,600
6. Striping Plan	\$ 2,000
7. Alternate A Plan Modification (includes striping, widening, etc.)	\$ 1,000
8. Engineering Department Coordination	\$ 500
9. NPDES/SWPPP Documents	\$ 1,250
Total:	\$15,800

TERMS OF SERVICE AND COMPENSATION

EDA will perform these services as described herein, and in accordance with the enclosed Standard Provisions of Agreement (12/15/94 revision), incorporated herein as Exhibit A.

Additional client expenses, charged at cost, may include title report fees, application fees, overnight deliveries, UPS charges, toll and long distance telephone charges, film processing, microfilm charges, outside reproduction charges and other reasonable and customary charges and fees necessary to accomplish this work.

You will be billed monthly, with payment being due and payable upon your receipt of our billing invoice.

If this proposal is acceptable and you agree with the terms and conditions, please sign, date and return the original to our office. For your convenience, we have enclosed a duplicate original for your files. Work will commence upon receipt of this executed proposal. This proposal shall be valid for 60 days from the date hereof. Once again, thank you for requesting a proposal from EDA.

Sincerely,

ENGINEERING DEVELOPMENT ASSOCIATES



Daniel R. Lloyd

ACCEPTED

I have read the above; and the attached Exhibit A - Standard Provisions of Agreement (12/15/94 revision), incorporated herein by reference, and agree to the terms and conditions set forth in this proposal.

CLIENT

Ditas Esperanza
City of Paso Robles

Date

DRL1bd11535eng.prp

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