

**MOORPARK CITY COUNCIL
AGENDA REPORT**

TO: Honorable City Council

FROM: Yugal K. Lall, City Engineer/Public Works Director



DATE: October 5, 2009 (CC Meeting of 10/21/2009)

SUBJECT: Consider the Selection of RBF Consulting for North Hills Parkway and State Route (SR) 23 Alternate Design Services and Resolution Amending the Fiscal Year 2009/10 Budget to Fund the Design Services

BACKGROUND

Recently, when discussing the Development Agreement grading requirement for North Hills Parkway and SR 23 Alternate with Pardee Homes city staff found that the vertical and horizontal location of the intersection of North Hills Parkway and SR 23 Alternate needed to be established so that the grading done on the North Hills Parkway and on SR 23 Alternate would seamlessly connect with the future intersection. The intersection of North Hills Parkway and SR 23 Alternate is south and east of the boundaries of Moorpark Highlands. Additionally, with the completion of the Environmental Impact Reports (EIRs) for the three gravel quarry expansions, it is important to have the potential precise alignment of SR 23 Alternate set from the city's northern limits to Broadway Road. Staff requested a proposal from RBF Consulting for both of these items. RBF is the engineer for Pardee Homes and has designed the grading plans for Moorpark Highlands and is very familiar with the area and the project.

Proposals were not requested from other firms since RBF Consulting is the engineer and designer for Pardee Homes extension of North Hill Parkway and SR 23 Alternate within the Moorpark Highlands project and is the most knowledgeable firm doing work in the area.

DISCUSSION

The scope of work for this project encompasses two parts, one part is to establish the intersection of North Hills Parkway and SR 23 Alternate along with the on-ramp to SR 23; the second part of the scope of work is the design of the extension of SR 23 Alternate north of the city limits to connect with Broadway Road. Completion of this scope of work is necessary to ensure that the work required of Pardee Homes on North

Hills Parkway and SR 23 Alternate will seamlessly connect to the future intersection of North Hills Parkway and SR 23 Alternate and will also connect to Broadway Road.

Pardee Homes is required to grade two lanes of North Hills Parkway and two lanes of SR 23 Alternate within the limits of its property, i.e. Moorpark Highlands, as a requirement of the adopted Development Agreement. It should be noted that the work that RBF Consulting would do on the intersection is not construction plans but sufficient work to establish the vertical and horizontal elevation of the intersection of North Hills Parkway and SR 23 Alternate and the southbound on-ramp.

The second part of the scope of work is to move beyond the conceptual design approved by the City Council for the extension of SR 23 Alternate north from the city limits to Broadway Road. This work would be for a conceptual grading design of a two lane road along the approved alignment. It would include geologic/geotechnical work, hydrology, grading and environmental concerns. The road alignment, outside of the boundaries of Happy Camp Regional Park, would be totally contained on land adjacent to the park and outside of the City's boundaries.

The total cost for the scope of work is \$82,500.00. The work would begin immediately upon execution of the contract and be completed within three months from the start of work. The project covers two Capital Improvement Projects (CIPs); North Hills Parkway (Project No. 8061) and SR 23 North Alignment (Project No. 8045). To reflect the CIPs covered, the expense will be split 50/50 between the two projects.

FISCAL IMPACT

Design services for this portion of North Hills Parkway and SR 23 Alternate were not part of the recently adopted 2009/2010 Fiscal Year Budget. There are however sufficient funds in the City-Wide Traffic Mitigation Fund (2002) that may be used in order to pay for the design services. The City Council would have to adopt a resolution transferring funds.

STAFF RECOMMENDATIONS (ROLL CALL VOTE)

1. Subject to final language approval by the City Manager and the City Attorney, authorize the City Manager to sign the negotiated contract for services with RBF Consulting for design services in an amount of \$82,500.00 for North Hills Parkway and SR 23 Alternate intersection and for the design of SR 23 Alternate from the northern city limits to Broadway Road.
2. Adopt Resolution No. 2009 - _____ to fund the design services.

ATTACHMENTS:

1. Proposal
2. Resolution No. 2009 - _____



August 13, 2009

JN 10106987.999

Mr. Barry K. Hogan
Deputy City Manager
CITY OF MOORPARK
799 Moorpark Avenue
Moorpark, California 93021

**Subject: Professional Services Proposal
SR23 Alignment Study from Broadway to TTM 5045**

Mr. Hogan:

RBF Consulting (RBF) is pleased to provide you with this proposal for our professional civil engineering consulting services for the preparation of an Alignment Study for SR23 from Princeton Avenue to Highlands, TTM 5045, and North Hills Pkwy from Spring Road to its intersection with the proposed SR23. The study will also include the SR23 extension from TTM 5045 to Broadway Road. The portion of SR23 within TTM 5045 is not included in this proposal. The alignment study that we prepared for Pardee Homes will be used for SR23 within TTM 5045. Exhibit "C" of this proposal shows the limits of this study. Since less is known about the alignment north of TTM 5045, we have included in the scope an environmental constraints overlay, preliminary hydrology study, and cost estimate for that portion of the alignment.

If you have any questions, you may reach me at my direct number at (949) 855-3678

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard G. Carrell', with a stylized flourish at the end.

Richard G. Carrell, P.E.
Senior Vice President
Land Development

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EXHIBIT A SCOPE OF SERVICES

Consultant shall perform the following Scope of Services in support of the development of SR23 / North Hills Parkway.

TASK 1 – TOPOGRAPHIC / PHOTOGRAPHIC BASE MAP

RBF will prepare a composite topographic map at a scale of 1"=200' based upon available topographic and aerial photographic information.

TASK 2 – SOUTHERLY PORTION OF SR 23 AND NORTH HILLS PARKWAY ALIGNMENT STUDY

RBF will prepare an alignment study for the proposed extension of State Route 23 (SR23) from the Moorpark Highlands Development to Princeton Avenue and proposed North Hills Parkway from Spring Road to its intersection with proposed SR 23 (See Exhibit C). This study will use information from the Alignment Study that was done for Pardee Homes for SR23 within the Highlands Development, TTM 5045. The road alignment North of TTM 5045 is addressed in Task 3. This Task will consider both horizontal and vertical alignments and the resulting earthwork quantities. The roadway widths will be 64' as stated in the Conditions for TTM 5045, Resolution No. 2000-1767 Condition CDD-48. The SR 23 alignment will be designed to Caltrans standards and North Hills Parkway will be designed to City of Moorpark/County of Ventura Standards.

RBF will prepare a study for the SR 23 southbound on-ramp. We will determine if an on-ramp is compatible with the alignment determined in Task 1. If it is found to be compatible, the horizontal and vertical alignment and earthwork quantities will be included in the study. If it is not compatible, we will list the impacts to the design that would be required to accommodate the on-ramp. This includes such things as impacts to existing houses, earthwork quantities, and the addition of retaining walls. This task will only address the south bound on-ramp. Any other on or off ramps are not included.

TASK 3 – NORTHERLY PORTION OF SR23 TO BROADWAY ROAD

RBF will prepare a preliminary alignment plan and profile for SR23 from TTM 5045 to its connection to Broadway Road, see Exhibit "C". This preliminary plan will illustrate the horizontal alignment, vertical grade and grading. The roadway width will be 64' as conditioned with TTM 5045 and the alignment will be designed to Caltrans standards.

TASK 3.1 – ENVIRONMENTAL CONSTRAINTS

RBF will prepare an environmental constraints overlay based upon record information including biological, cultural, General Plan land use and geotechnical data for the SR23 alignment from TTM 5045 to Broadway Road only.

TASK 3.2 – PRELIMINARY HYDROLOGY STUDY

RBF will prepare a preliminary hydrology study which illustrates tributary areas, flow rates, and major drainage crossings for the SR23 alignment from TTM 5045 to Broadway Road only.

TASK 3.3 – PRELIMINARY QUANTITY AND COST ESTIMATE

RBF will prepare estimate of earthwork and construction costs for the alternative roadway alignment prepared in task 3.

TASK 4 – SUMMARY REPORT

RBF will prepare a summary report, which documents the assumptions of the engineering and environmental analysis conducted as part of this work program.

TASK 5 – MEETING ATTENDANCE AND CONSULTATION

RBF will attend meetings and provide consultation to the City during the completion of this work program with a maximum budget of (20) twenty hours.

Task Exclusions

The following tasks are either not required at this time, being provided under separate contract or are being provided by others. Therefore, said tasks are excluded from RBF's scope of services.

1. Design for areas outside limit of work
2. Property Title Search, Property Appraisal and Acquisition
3. Property Line Survey/Analysis
4. Rough Grading Plans
5. Analysis of Existing Utility Systems
6. Off-Site Improvements
7. Utility Plans
8. Storm Drain Plans
9. Roadway Improvement Plans
10. Construction Plans
11. Hydrology Study for the Alignment in Task 2
12. Water Quality Study
13. Signing and Striping Plan
14. Traffic Signal Plan
15. Freeway On/Off Ramp Design
16. Specifications
17. Environmental Permitting
18. Erosion Control Plan
19. Landscape Plan
20. Sound Wall Design
21. Retaining Wall Design
22. Traffic Engineering reports or studies
23. Construction, Inspection and Staking
24. Potholing of Existing Utilities
25. Acoustical Studies
26. Archeologist & Paleontologists Certification
27. Geotechnical Engineering
28. Services related to Hazardous Wastes and Hazardous Material Abatement
29. Any other services not specifically set forth in the foregoing Scope of Services

**EXHIBIT B
COMPENSATION**

Consultant shall be compensated for the Scope of Services described herein as follows:

<u>TASK</u>	<u>DESCRIPTION</u>	<u>FEE</u>
1	Topographic / Photographic Base Map	\$ 3,000
2	Southerly Portion of SR23 & North Hills Pkwy. Alignment Study.....	34,000
3	Northerly Portion of SR23 to Broadway Road.....	18,000
3.1	<i>Environmental Constraints</i>	5,000
3.2	<i>Preliminary Hydrology Study</i>	6,000
3.3	<i>Preliminary Quantity and Cost Estimate</i>	4,000
4	Summary Report	5,000
5	Meeting Attendance and Consultation (Budget)	3,500
Subtotal		\$ 78,500
Reimbursable Budget		\$ 4,000
TOTAL PROFESSIONAL FEE		\$ 82,500

Progress billings will be forwarded to the Client monthly based on a percent complete for each task, not to exceed the total fee authorized for this project, plus all direct costs advanced by Consultant. Reimbursable expenses include blueprinting, overnight mail services, plotting (including in-house check plots and prints) and delivery services. The Client shall make every reasonable effort to review invoices within (15) working days from the date of receipt of the invoices and notify Consultant in writing of any particular item that is alleged to be incorrect.

The fees proposed herein shall apply until *July 2010*. Due to ever-changing costs, Consultant will increase those portions of the contract fee for which work must still be completed after *July 2010* by five percent (5%).

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA 911
(626) 440-6100



23 LIMITS OF STUDY

LIMITS OF TASK 3

USE EXISTING
PARDEE STUDY

LIMITS OF TASK 2

LIMITS OF TASK 2

OTHER FREEWAY
ON/OFF RAMPS NOT
PART OF STUDY



**STATE ROUTE 23
REALIGNMENT
ALTERNATIVE 2**

EXHIBIT "C"

RESOLUTION NO. 2009 - _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MOORPARK, CALIFORNIA, AMENDING THE FISCAL YEAR 2009/2010 BUDGET TO INCREASE CITY-WIDE TRAFFIC MITIGATION FUND (2002) FOR DESIGN OF CONSTRUCTION PLANS FOR NORTH HILLS PARKWAY AND STATE ROUTE (SR) 23 ALTERNATE

WHEREAS, on July 1, 2009, the City Council adopted the budget for Fiscal Year 2009/2010; and

WHEREAS, a staff report has been presented to the City Council recommending RBF Consulting to perform professional design services for North Hills Parkway (Project No. 8061) and State Route 23 North Alignment (Project No. 8045); and

WHEREAS, the same staff report has been presented to said Council requesting a budget amendment in the aggregate amount of \$82,500.00 in the City-Wide Traffic Mitigation Fund (2002); and

WHEREAS, Exhibit A, hereof, describes said budget amendment to City-Wide Traffic Mitigation Fund (2002) and its resulting impacts to the budget line item and expense budget line items.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF MOORPARK DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. That a budget amendment in the aggregate increase amount of \$82,500.00 as more particularly described in Exhibit A, is hereby approved.

SECTION 2. The City Clerk shall certify to the adoption of this resolution and shall cause a certified resolution to be filed in the book of original Resolutions.

PASSED AND ADOPTED this 21st day of October, 2009.

Janice S. Parvin, Mayor

ATTEST:

Deborah S. Traffenstedt, City Clerk

Attachment: Exhibit A - Budget Amendment

EXHIBIT A

BUDGET AMENDMENT FOR
 CITY-WIDE TRAFFIC MITIGATION FUND
 FOR NORTH HILLS PARKWAY AND STATE ROUTE 23 DESIGN SERVICES
 FY 2009/10

FUND BALANCE ALLOCATION:

Fund Title	Fund-Account Number	Amount
CITY-WIDE TRAFFIC MITIGATION FUND	2002-5500	\$82,500.00
Total		\$ 82,500.00

EXPENDITURE APPROPRIATION:

Account Number	Current Budget	Revision	Amended Budget
2002.8310.8045.9601	\$ -	\$ 41,250.00	\$ 41,250.00
2002.8310.8061.9601	\$ -	\$ 41,250.00	\$ 41,250.00
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
Total	\$ -	\$ 82,500.00	\$ 82,500.00

Finance Approval: 