

CITY OF OAKLAND
AGENDA REPORT

FILED
OFFICE OF THE CITY CLERK
OAKLAND
2004 JUL -1 PM 1:58

TO: Office of the City Administrator
ATTN: Deborah A. Edgerly
FROM: Public Works Agency
DATE: July 13, 2004

RE: **RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO ENTER INTO A PROFESSIONAL SERVICES AGREEMENT WITH KORVE ENGINEERING FOR THE DESIGN OF TRAFFIC SIGNALS AT FOUR LOCATIONS PROJECT (NOS. C229310, C229110, C232710, C232310) FOR AN AMOUNT NOT TO EXCEED EIGHTY-FIVE THOUSAND SEVEN HUNDRED TEN DOLLARS (\$85,710)**

SUMMARY

A resolution has been prepared authorizing the City Administrator to enter into a professional services agreement with Korve Engineering for the design of traffic signals at four locations. The traffic signal project will improve vehicular and pedestrian access and safety at the four locations, budgeted in the fiscal year 2003-2004.

The project scope includes designing new traffic signals at four locations, including video detection, emergency vehicle preemption, accessible pedestrian push buttons, countdown pedestrian signals, and ADA compliant wheelchair ramps. The design work is estimated for completion within six months upon Notice to Proceed.

The projects are funded as a part of the 2003-2008 Capital Improvement Program, using Measure B funds, for the fiscal year 2003/04.

This project is consistent with the following City Council Budget Priorities:

Improve Oakland Neighborhoods: Improve traffic, bicycle and pedestrian safety.

Maintain and Enhance Oakland's Physical Assets: Provide for clean, well-maintained and accessible streets and sidewalks.

Staff recommends approval of the resolution.

FISCAL IMPACT

Approval of this resolution will authorize a professional services agreement with Korve Engineering for an amount not to exceed \$85,710, including a design contingency of \$11,180.

Funding is available in Measure B ACTIA Fund (2211); and Projects: TS-MLK Way @ 53rd Street (C229310, Fund 2211); TS-Mountain Boulevard @ Rte 13 (C229110, Fund 2211); TS-San Pablo @ 65th Street (C232710, Fund 2212); TS-International Blvd @ 21st Avenue (C232610, Fund 2211).

Item #: 9
Public Works Committee
July 13, 2004

The infrastructure created as a result of this project will not increase the City's operation and maintenance costs.

BACKGROUND

In February 2004, the Public Works Agency (PWA), Transportation Services Division (TSD) issued a Request for Proposals (RFP) for design services of traffic signals at four locations. The City received proposals from seven consulting firms, including HQE Incorporated, Korve Engineering, DKS Associates, TY Lin International, URS Corporation, Abratique & Associates, and YEI Engineers.

The City Administrator's Contract Compliance and Employment Services Division staff reviewed each proposal and confirmed that all seven consulting firms fully complied with all the requirements and conditions (including LBE/SLBE participation requirements) stated in the RFP. (See Attached Contract Compliance Evaluation forms – Attachment A). A final list including all responsive proposals was compiled and delivered to the TSD.

TSD staff evaluated and ranked all seven proposals, and selected the top three ranked consulting firms for an interview. An interview panel was formed consisting of City staff from TSD, Electrical Services, and Community and Economic Development Agency (CEDA) staff from the Oakland Pedestrian Safety Project. The panel interviewed all consulting firms on May 27, 2004 and ranked them based upon the following criteria:

- 1) Overall quality of the presentation and appropriateness of design approach;
- 2) Demonstration of understanding of key project issues and design requirements;
- 3) Appropriateness of relevant experience, qualifications, work scope, and schedule;
- 4) Appropriateness of organization, staffing, and labor distribution;
- 5) Demonstration of responsiveness and timely submittal of deliverables; and
- 6) Demonstration of familiarity with agency and project requirements.

After a thorough evaluation process, the interview panel selected HQE Incorporated as the most qualified firm to conduct the design phase for this project. The final ranking is as follows:

1. HQE Incorporated
2. Korve Engineering
3. DKS Associates

However, TSD staff was unable to reach an agreement with HQE Incorporated on the proposed scope of work and fees, and as a result the second highest ranked firm, Korve Engineering, was selected to provide the design services for the project. Korve Engineering is a certified LBE firm. As the prime consultant, Korve Engineering will perform 90% of all design services. Dowling Associates, sub-consultant of Korve Engineering, will perform quality control that comprises 10% of the design services. Dowling Associates is a certified SLBE firm.

KEY ISSUES AND IMPACTS

The four intersections are uncontrolled on the major approaches and stop sign controlled on the minor approaches. Recent traffic studies and field observations at the four intersections indicated that motorists and pedestrians could benefit from the installation of the new traffic signals. The intersection of International Boulevard and 21st Avenue abuts Life Academy High School; it is currently budgeted for a school-flashing beacon, but, as a result of the community input and concerns for school-age pedestrian safety, a traffic signal has been proposed. Additional funding will need to be identified in order to fully fund the construction of a traffic signal at this location. The other three locations are fully funded.

The implementation of these projects will greatly improve traffic flow, enhance vehicular and pedestrian safety, and improve air quality by reducing recurring congestion. These projects could also reduce the City's liability for vehicular and pedestrian related collisions.

PROJECT DESCRIPTION

The projects include the design of traffic signals at the following four locations:

1. Martin Luther King, Jr. Way at 53rd Street
2. Mountain Boulevard at Northbound State Route 13 Off-Ramp
3. San Pablo Avenue (State Route 123) at 65th Street
4. International Boulevard at 21st Avenue

The project scope of work includes all electrical and minor roadway construction required for the installation of a fully actuated traffic signal, with ADA compliant features. The projects will also provide the following:

- Provide traffic signals that are adaptive and responsive to changing demands for more efficient traffic flow and improved pedestrian safety.
- Provide emergency response through signal preemption for emergency vehicles.
- Monitor traffic flow using video detection.
- Improve pedestrian safety using accessible pedestrian push buttons and countdown pedestrian signal heads.
- Improve signage using internally illuminated street name signs.

SUSTAINABLE OPPORTUNITIES

Economic: Implementation of this project will result in using local contractors, which will provide jobs to Oakland residents, therefore strengthening the local economy.

Environmental: This project will improve the environment by reducing congestion and vehicle emissions, and, therefore, improving the quality of life.

Social Equity: This project will provide greater accessibility to employment and services for Oakland residents and visitors who use the four intersections.

DISABILITY AND SENIOR CITIZEN ACCESS

When constructed, the projects will comply with all requirements of the Americans with Disabilities Act (ADA), including provisions for curb ramps, audible pedestrian signals, as well as other applicable local, state, and federal disability laws and regulations.

RECOMMENDATION AND RATIONALE

It is recommended that the professional service agreement be awarded to Korve Engineering to provide design services for the Traffic Signal Design at Four Locations Project.

ACTION REQUESTED OF THE CITY COUNCIL

Staff recommends that the City Council approve the resolution.

Respectfully submitted,



RAUL GODINEZ II, P.E.
Director, Public Works Agency

Reviewed by:
Wladimir Wlassowsky, P.E.
Transportation Services Manager

Prepared by:
Ade Oluwasogo, P.E.
Supervising Transportation Engineer

APPROVED AND FORWARDED TO
THE PUBLIC WORKS COMMITTEE:



OFFICE OF THE CITY ADMINISTRATOR

Item #: 9
Public Works Committee
July 13, 2004

**Contract Compliance and
Employment Services Division
Office of the City Manager**

Memorandum

Date: April 8, 2004
From: Dasco Munoz, CCO *DM*
To: Peter Chun, Project Manager
Regarding: CIP 2003/2004 Traffic Signal Design at Four Location

The following seven RFP's were reviewed for compliance with the City of Oakland's Local and Small Local Business (L/SLBE) Program requirement. Based upon our review all the firms achieved the L/SLBE Program. The results are listed below:

Name of Company	LBE	SLBE	Total
URS Corporation	10%	10%	20%
HQE Inc.	0%	95%	95%
TYI/CCS	10%	20%	30%
DKS Associates	10%	23%	33%
Korve Engineering	10%	10%	20%
Abratique & Associates	0%	20%	20%
YEI Engineers, Inc.	10%	50%	60%

If you need additional information, Please contact me at 238-7643

CC:

LBE/SLBE Participation Bidder 1

Project Name: CIP 2003/2004 TRAFFIC SIGNAL DESIGN AT FOUR LOCATION

Project No.: CC02694		Engineers Estimate:				Under/Over Engineers Estimate: (0.00)						
Discipline	Prime & Subs	Location	Cert. Status	LBE %	SLBE %	LBE/SLBE %	TOTAL LBE/SLBE	TOTAL Dollars	For Tracking Only			
									Ethn.	MBE	WBE	
PRIME Subconsultant	URS Corporation	Oakland	CB	10%		10%	90%					
	F.E. Jordan Associates Inc.	Oakland	CB		10%	10%	10%			AA	10%	
Project Totals				10%	10%	20%	100%	\$0.00		10%	0%	
Requirements: The 20% requirements is a combination of 10% LBE and 10% SLBE participation. An SLBE firm can be counted 100% towards achieving 20% requirements. LBE firms can only be counted up to 10% of the total contract amount.				LBE 10% MAX CREDIT	SLBE 10%	LBE/SLBE 20%	LBE/SLBE		Ethnicity AA = African American A = Asian C = Caucasian H = Hispanic NA = Native American O = Other			
Legend	LBE = Local Business Enterprise SLBE = Small Local Business Enterprise Total LBE/SLBE = All Certified Local and Small Local Businesses NPLBE = NonProfit Local Business Enterprise NPSLBE = NonProfit Small Local Business Enterprise				UB = Uncertified Business CB = Certified Business MBE = Minority Business Enterprise WBE = Women Business Enterprise							

LBE/SLBE Participation Bidder 2

Project Name: CIP 2003/2004 TRAFFIC SIGNAL DESIGN AT FOUR LOCATION

Project No.: CC02694		Engineers Estimate:				Under/Over Engineers Estimate: 0.00					
Discipline	Prime & Subs	Location	Cert. Status	LBE %	SLBE %	LBE/SLBE %	TOTAL %	TOTAL Dollars	For Tracking Only		
									Ethn.	MBE	WBE
PRIME Sub Traffic Eng. Survey	HQE Inc.	Oakland	CB		47%	47%	47%		C		47%
	CHS Consulting	Oakland	CB		48%	48%	48%				
	Geomatics Transportation	Dublin	UB				5%				
Project Totals				0%	95%	95%	100%	\$0.00		0%	47%
Requirements: The 20% requirements is a combination of 10% LBE and 10% SLBE participation. An SLBE firm can be counted 100% towards achieving 20% requirements. LBE firms can only be counted up to 10% of the total contract amount.				LBE 10% MAX CREDIT	SLBE 10%	LBE/SLBE 20%	LBE/SLBE		Ethnicity AA = African American A = Asian C = Caucasian H = Hispanic NA = Native American O = Other		
Legend		LBE = Local Business Enterprise SLBE = Small Local Business Enterprise Total LBE/SLBE = All Certified Local and Small Local Businesses NPLBE = NonProfit Local Business Enterprise NPSLBE = NonProfit Small Local Business Enterprise				UB = Uncertified Business CB = Certified Business MBE = Minority Business Enterprise WBE = Women Business Enterprise					

LBE/SLBE Participation Bidder 3

Project Name: CIP 2003/2004 TRAFFIC SIGNAL DESIGN AT FOUR LOCATION

Project No.: CCO2694		Engineers Estimate:				Under/Over Engineers Estimate: (0.00)					
Discipline	Prime & Subs	Location	Cert. Status	LBE %	SLBE %	LBE/SLBE %	TOTAL LBE/SLBE	TOTAL Dollars	For Tracking Only		
									Ethn.	MBE	WBE
PRIME Sub	TYLI/CCS	Oakland	CB	10%		10%	80%				
	John T. Warren & Associates	Oakland	CB		20%	20%	20%				
Project Totals				10%	20%	30%	100%	\$0.00		0%	0%
Requirements: The 20% requirements is a combination of 10% LBE and 10% SLBE participation. An SLBE firm can be counted 100% towards achieving 20% requirements. LBE firms can only be counted up to 10% of the total contract amount.				LBE 10% MAX CREDIT	SLBE 10%	LBE/SLBE 20%	LBE/SLBE		Ethnicity AA = African American A = Asian C = Caucasian H = Hispanic NA = Native American O = Other		
Legend	LBE = Local Business Enterprise SLBE = Small Local Business Enterprise Total LBE/SLBE = All Certified Local and Small Local Businesses NPLBE = NonProfit Local Business Enterprise NPSLBE = NonProfit Small Local Business Enterprise				UB = Uncertified Business CB = Certified Business MBE = Minority Business Enterprise WBE = Women Business Enterprise						

LBE/SLBE Participation Bidder 4

Project Name: CIP 2003/2004 TRAFFIC SIGNAL DESIGN AT FOUR LOCATION

Project No.: CCO2694		Engineers Estimate:				Under/Over Engineers Estimate: 0.00						
Discipline	Prime & Subs	Location	Cert. Status	LBE %	SLBE %	LBE/SLBE %	TOTAL LBE/SLBE	TOTAL Dollars	For Tracking Only			
									Ethn.	MBE	WBE	
PRIME Sub	DKS Associates	Oakland	CB	10%		10%	77%					
	PLS Surveys, Inc.	Oakland	CB		23%	23%	23%					
Project Totals				10%	23%	33%	100%	\$0.00		0%	0%	
Requirements: The 20% requirements is a combination of 10% LBE and 10% SLBE participation. An SLBE firm can be counted 100% towards achieving 20% requirements. LBE firms can only be counted up to 10% of the total contract amount.				LBE 10% MAX CREDIT	SLBE 10%	LBE/SLBE 20%	LBE/SLBE		Ethnicity AA = African American A = Asian C = Caucasian H = Hispanic NA = Native American O = Other			
Legend	LBE = Local Business Enterprise SLBE = Small Local Business Enterprise Total LBE/SLBE = All Certified Local and Small Local Businesses NPLBE = NonProfit Local Business Enterprise NPSLBE = NonProfit Small Local Business Enterprise				UB = Uncertified Business CB = Certified Business MBE = Minority Business Enterprise WBE = Women Business Enterprise							

LBE/SLBE Participation Bidder 5

Project Name: CIP 2003/2004 TRAFFIC SIGNAL DESIGN AT FOUR LOCATION

Project No.: CCO2694		Engineers Estimate:				Under/Over Engineers Estimate: 0.00						
Discipline	Prime & Subs	Location	Cert. Status	LBE %	SLBE %	LBE/SLBE %	TOTAL LBE/SLBE	TOTAL Dollars	For Tracking Only			
									Ethn.	MBE	WBE	
PRIME Traffic Signal	Korve Engineering Dowling Associates	Oakland	CB	10%		10%	90%					
		Oakland	CB		10%	10%	10%		H	10%		
Project Totals				10%	10%	20%	100%	\$0.00		10%	0%	
Requirements: The 20% requirements is a combination of 10% LBE and 10% SLBE participation. An SLBE firm can be counted 100% towards achieving 20% requirements. LBE firms can only be counted up to 10% of the total contract amount.				LBE 10% MAX CREDIT	SLBE 10%	LBE/SLBE 20%	LBE/SLBE		Ethnicity AA = African American A = Asian C = Caucasian H = Hispanic NA = Native American O = Other			
Legend		LBE = Local Business Enterprise SLBE = Small Local Business Enterprise Total LBE/SLBE = All Certified Local and Small Local Businesses NPLBE = NonProfit Local Business Enterprise NPSLBE = NonProfit Small Local Business Enterprise				UB = Uncertified Business CB = Certified Business MBE = Minority Business Enterprise WBE = Women Business Enterprise						

LBE/SLBE Participation Bidder 6

Project Name: CIP 2003/2004 TRAFFIC SIGNAL DESIGN AT FOUR LOCATION

Project No.: CC02694		Engineers Estimate:				Under/Over Engineers Estimate: (0.00)						
Discipline	Prime & Subs	Location	Cert. Status	LBE %	SLBE %	LBE/SLBE %	TOTAL LBE/SLBE	TOTAL Dollars	For Tracking Only			
									Ethn.	MBE	WBE	
PRIME Sub	Abratique & Associates Corona Engineers	Los Angeles Oakland	UB CB		20%	20%	80% 20%					
									AA	20%		
Project Totals				0%	20%	20%	100%	\$0.00		20%	0%	
Requirements: The 20% requirements is a combination of 10% LBE and 10% SLBE participation. An SLBE firm can be counted 100% towards achieving 20% requirements. LBE firms can only be counted up to 10% of the total contract amount.				LBE 10% MAX CREDIT	SLBE 10%	LBE/SLBE 20%	LBE/SLBE		Ethnicity AA = African American A = Asian C = Caucasian H = Hispanic NA = Native American O = Other			
Legend LBE = Local Business Enterprise SLBE = Small Local Business Enterprise Total LBE/SLBE = All Certified Local and Small Local Businesses NPLBE = NonProfit Local Business Enterprise NPSLBE = NonProfit Small Local Business Enterprise				UB = Uncertified Business CB = Certified Business MBE = Minority Business Enterprise WBE = Women Business Enterprise								

LBE/SLBE Participation Bidder 7

Project Name: CIP 2003/2004 TRAFFIC SIGNAL DESIGN AT FOUR LOCATION

Project No.: CC02694		Engineers Estimate:				Under/Over Engineers Estimate: 0.00					
Discipline	Prime & Subs	Location	Cert. Status	LBE %	SLBE %	LBE/SLBE %	TOTAL LBE/SLBE	TOTAL Dollars	For Tracking Only		
									Ethn.	MBE	WBE
PRIME Subconsultant	YEI Engineers, Inc.	Oakland	CB		50%	50%	50%				
	Kimley-Horn & Associates	Oakland	CB	10%		10%	50%				
Project Totals				10%	50%	60%	100%	\$0.00		0%	0%
Requirements: The 20% requirements is a combination of 10% LBE and 10% SLBE participation. An SLBE firm can be counted 100% towards achieving 20% requirements. LBE firms can only be counted up to 10% of the total contract amount.				LBE 10% MAX CREDIT	SLBE 10%	LBE/SLBE 20%	LBE/SLBE		Ethnicity AA = African American A = Asian C = Caucasian H = Hispanic NA = Native American O = Other		
Legend	LBE = Local Business Enterprise SLBE = Small Local Business Enterprise Total LBE/SLBE = All Certified Local and Small Local Businesses NPLBE = NonProfit Local Business Enterprise NPSLBE = NonProfit Small Local Business Enterprise				UB = Uncertified Business CB = Certified Business MBE = Minority Business Enterprise WBE = Women Business Enterprise						

OAKLAND CITY COUNCIL
RESOLUTION No. _____

FILED
OFFICE OF THE CITY CLERK
OAKLAND

C.M.S.
2004 JUL 21 PM 1:58
Jocelyn Bero

INTRODUCED BY COUNCILMEMBER _____

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO ENTER INTO A PROFESSIONAL SERVICES AGREEMENT WITH KORVE ENGINEERING FOR THE DESIGN OF TRAFFIC SIGNALS AT FOUR LOCATIONS PROJECT (NOS. C229310, C229110, C232710, C232310) FOR AN AMOUNT NOT TO EXCEED EIGHTY-FIVE THOUSAND SEVEN HUNDRED TEN DOLLARS (\$85,710)

WHEREAS, the Traffic Signal Design at Four Locations Project will improve vehicular and pedestrian access and safety at the four locations budgeted in the Fiscal Year 2003-2004; and

WHEREAS, professional design services are needed to design the four traffic signals; and

WHEREAS, the Public Works Agency issued a Request for Proposals (RFP) soliciting proposals for design services for the traffic signal at the four locations; and

WHEREAS, Korve Engineering was selected as the most qualified firm, within the available project budget, to provide the traffic signal design services for this project; and

WHEREAS, funding in the amount of \$815,000 is allocated from Measure B Fund (2211); Transportation Services Division Organization (92246); and Project Numbers (C229310, C229110, C232710, C232310); and

WHEREAS, the City Council finds that the services provided pursuant to the agreement authorized hereunder are of a professional, scientific, or technical nature and are temporary in nature; and

WHEREAS, the City Council finds that this agreement shall not result in the loss of employment or salary by any person having permanent status in the competitive service; now, therefore, be it

RESOLVED: That the City Administrator, or her designee, is hereby authorized to enter into a professional services agreement with Korve Engineering for the Traffic Signal Design at Four Locations Project (Project Nos. C229310, C229110, C232710, C232310) for an amount not to exceed \$85,710; and be it

FURTHER RESOLVED: That the City Administrator, or her designee, is hereby authorized to execute any amendments, or modifications of said agreement without further City Council approval, except for increases in the agreement amount; and be it


PUBLIC WORKS CMTE.

JUL 19 2004

FURTHER RESOLVED: That should additional funds be received for this project, the City Administrator, or her designee, is hereby authorized to accept and appropriate the same for the purposes described above; and be it

FURTHER RESOLVED: That the agreement shall be approved for form and legality by the City Attorney, and a copy of the agreement shall be kept on file with the City Clerk.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20__

PASSED BY THE FOLLOWING VOTE:

AYES – BROOKS, BRUNNER, CHANG, NADEL, QUAN, REID, WAN AND
PRESIDENT DE LA FUENTE

NOES –

ABSENT –

ABSTENTION –

ATTEST: _____

CEDA FLOYD
City Clerk and Clerk of the Council
of the City of Oakland, California

9

PUBLIC WORKS CMTE.

JUL 13 2004