

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2004-23

Quality Assurance Materials Testing Services Contract Award

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	3/18/04	Discussion/Possible Action	Ahmad Fazel, Link Light Rail Director Bill Gardner, Quality Assurance Project Manager	(206) 398-5389 (206) 398-5142

Contract/Agreement Type:	<input checked="" type="checkbox"/>	Requested Action:	<input checked="" type="checkbox"/>
Competitive Procurement	<input checked="" type="checkbox"/>	Execute New Contract/Agreement	<input checked="" type="checkbox"/>
Sole Source		Amend Existing Contract/Agreement	
Interlocal Agreement		Contingency Funds (Budget) Required	
Purchase/Sale Agreement		Budget Amendment Required	

✓ Applicable to proposed transaction.

OBJECTIVE OF ACTION

Approve a quality assurance (QA) materials testing contract with Kleinfelder, Inc.

ACTION

Authorizes the Chief Executive Officer to execute a contract with Kleinfelder, Inc. to provide quality assurance materials testing services for the Central Link Light Rail Initial Segment Project in the amount of \$1,212,228 plus a wage increase allowance of \$159,257 and a contingency of \$137,152, for a total authorized contract amount not to exceed \$1,508,637.

KEY FEATURES

- Negotiated contract cost with Kleinfelder, Inc. is \$1,212,228. Wage increase allowance of \$159,297 is calculated as 2.5% per contract year applied to base contract salaries, plus fringe benefits.
- Scope of work includes:
 - Contracting an independent testing laboratory to provide quality assurance on-call inspection/testing services to Sound Transit Link Construction Management.
 - Testing services to be provided during the construction phase of the Sound Transit Light Rail contracts on the 14-mile Central Link Light Rail Initial Segment Project, between Convention Place Station in the existing Downtown Seattle Transit Tunnel and the new 154th Street Station in Tukwila. Examples of test activities: Radiographic, Soil Density, Emulsified Asphalt, Concrete Slump, Anchor Pull-Out, and other testing referenced in Standard Specification Section 01452 (Construction Control Requirements), Appendix A (Test Matrix).

- The duration of the contract is expected to be six years with an option for two additional years to support the major construction packages defined in the Central Link Light Rail Initial Segment Contract Unit Descriptions.
- Inspection/testing services shall be provided directly to Sound Transit, independent of the construction contractors or other consultants on the project.

BUDGET IMPACT SUMMARY

There is no action outside of the Board-adopted budget; there are no contingency funds required, no subarea impacts, or funding required from other parties other than what is already assumed in the financial plan.

BUDGET DISCUSSION

This action authorizes a contract with Kleinfelder, Inc. to provide QA materials testing services for the Central Link Light Rail Initial Segment Project in the amount of \$1,212,228 plus a wage increase allowance of \$159,297 and contingency of \$137,152, for a total authorized contract amount not to exceed \$1,508,637.

The adopted capital budget for the Initial Segment is \$2.07 billion. Within that budget, \$2,000,000 has been set aside for QA/QC in the construction services phase. Should the proposed action be approved, the remaining balance for this budget item will be \$491,363.

REVENUE, SUBAREA, AND FINANCIAL PLAN IMPACTS

The proposed action is consistent with the current Board-adopted budget and is affordable within Sound Transit's current long-term financial plan and the subarea financial capacity. The action will have no new revenue impacts on Sound Transit.

BUDGET TABLE

Action Item: Kleinfelder, Inc. (Quality Assurance Materials Testing for the Central Link Initial Segment)

(Year of Expenditure \$000)

Initial Segment	Adopted FY2004 Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	226,780	108,821		108,821	117,959
2 Preliminary Engineering	35,000	33,290		33,290	1,710
3 Final Design	123,523	115,418		115,418	8,106
4 Right of Way	233,016	130,392		130,392	102,624
5 Construction	1,171,837	290,847		290,847	880,990
6 Construction Services	82,737	38,913	1,509	40,421	42,316
7 Third Party Agreements	58,800	56,126		56,126	2,674
8 Vehicles	138,307	131,799		131,799	6,508
9 Contingency				-	-
10 Total Current Budget	2,070,000	905,606	1,509	907,115	1,162,885

Phase Budget Detail

11 QA/QC Construction Services	2,000	-	1,509	1,509	491
12 Other Construction Services	80,737	38,913	-	38,913	41,824
13 Total Phase	82,737	38,913	1,509	40,421	42,316

(B) Committed to Date amounts are from the Link Program Cost Summary Report (HQ Reports) for January 2004 + board motions not yet included in report as follows:

	Final Design	Construction	Construct Svcs	Third Parties	Vehicles
Commitments through January 2004	114,894	132,888	11,151	40,619	-
Other board motions	523	157,959	27,762	15,507	131,799
Total phase commitments	115,418	290,847	38,913	56,126	131,799

Contract Budget	Current Approved Contract Value (F)	Spent to Date (G)	Proposed Action (H)	Proposed Total Contract Value (I)
14 Contract Amount	-		1,212	1,212
15 Contingency	-	-	296	296
16 Total	-	-	1,509	1,509
17 Percent Contingency	0%	0%	24%	24%

15(H) Contingency of \$296K includes \$159K wage increase allowance plus \$137K contingency.

M/W/DBE – SMALL BUSINESS PARTICIPATION

The Kleinfelder team includes two subcontractors (Shannon & Wilson and Cooper Zietz). Cooper Zietz is a certified MBE/DBE; Shannon & Wilson is not an M/W/DBE.

The small business participation goal for this contract is 18%.

Utilization Breakdown Table

Subconsultant	Business Type	% of Work	Dollar Value
Cooper Zietz	MBE/DBE	17.5%	\$210,788.72

EEO Commitment

- Kleinfelder workforce demographics are 30.1% women and 6.6% minorities.
- Shannon & Wilson demographics are 32.4% women and 13.9% minorities.
- Cooper Zietz demographics 27.9% women and 4.6% minorities

Apprentice Utilization Commitment

This is a professional services contract; apprentice utilization is not applicable.

HISTORY OF PROJECT

In October 2003, Sound Transit made a public announcement and conducted a Request for Proposal meeting to solicit proposals for quality assurance materials testing services for the Central Link Light Rail Initial Segment. On December 8, 2003, Sound Transit received proposals from five firms. A selection panel evaluated written proposals and selected three firms for interviews. On January 15, 2004, three firms were interviewed and a final ranking was conducted by the selection panel. The highest-ranking firm (Kleinfelder, Inc.) was notified and cost negotiations were conducted.

The quality assurance materials testing services contract includes oversight testing at the discretion of Link Construction Management. Quality assurance testing services will also be observed by Sound Transit's third party stakeholders (Seattle City Light, Seattle Public Utilities, WSDOT, and FTA/PMOC). Testing services may include any of the inspections/tests referenced in Standard Specification 01452 (Construction Control Requirements), Appendix A (Test Matrix). This matrix includes a list of all required inspections/tests required by Standard Specification Sections Divisions 1 through 16.

CONSEQUENCES OF DELAY

Sound Transit has awarded two major construction contracts, C700 (Royal Brougham to Airport Way South) and C810 (Central Link Operations and Maintenance Facility). The C700/C810 Contractor has begun construction activities. In order for Sound Transit to have a high level of assurance that the construction testing is being performed in accordance with the requirements of the contract, the Central Link QA Testing Laboratory must be ready to perform verification testing as requested by the C700/C810 Resident Engineer.

PUBLIC INVOLVEMENT

N/A

LEGAL REVIEW

DLB 3/3/04

SOUND TRANSIT

MOTION NO. M2004-23

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the Chief Executive Officer to execute a contract with Kleinfelder, Inc. to provide quality assurance materials testing services for the Central Link Light Rail Initial Segment Project in the amount of \$1,212,228 plus a wage increase allowance of \$159,257 and a contingency of \$137,152, for a total authorized contract amount not to exceed \$1,508,637.

Background:

In October 2003, Sound Transit made a public announcement and conducted a Request for Proposal Meeting to solicit proposals for quality assurance materials testing services for the Central Link Light Rail Initial Segment. On December 8, 2003, Sound Transit received proposals from five firms. A selection panel evaluated written proposals and selected three firms for interviews. On January 15, 2004, three firms were interviewed and a final ranking was conducted by the selection panel. The highest-ranking firm (Kleinfelder, Inc.) was notified and cost negotiations were conducted.

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Scope of work includes:

- Contracting an independent testing laboratory to provide quality assurance on-call inspection/testing services to Sound Transit Link Construction Management.
- Testing services to be provided during the construction phase of the Sound Transit Light Rail contracts on the 14-mile Central Link Light Rail Initial Segment Project, between Convention Place Station in the existing Downtown Seattle Transit Tunnel and the new 154th Street Station in Tukwila.

The duration of the contract is expected to be six years with an option for two additional years to support the major construction packages defined in the Central Link Light Rail Initial Segment Contract Unit Descriptions. Inspection/testing services shall be provided directly to Sound Transit, independent of the construction contractors or other consultants on the project.

Motion:

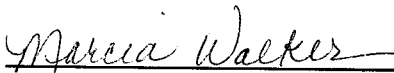
It is hereby moved by the Finance Committee of the Central Puget Sound Regional Transit Authority that the Chief Executive Officer is authorized to execute a contract with Kleinfelder, Inc. to provide quality assurance materials testing services for the Central Link Light Rail Initial Segment Project in the amount of \$1,212,228 plus a wage increase allowance of \$159,257 and a contingency of \$137,152, for a total authorized contract amount not to exceed \$1,508,637.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 18, 2004.



Kevin Phelps
Finance Committee Chair

ATTEST:



Marcia Walker
Board Administrator