prepared for:

The United States Department of Transportation
Federal Transit Administration

Cost Estimating & Scheduling Services

Project Management Oversight Contract
(FTA-08-PMOC)

March 11th, 2008

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March 10th, 2008

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John Bardwell, Contracting Officer
   CC: James Harper, Contracting Officer
Federal Transit Administration
1200 New Jersey Ave, SE
   Room E42-331
Washington, DC  20590

Subject: Project Management Oversight Contract 2009
         Solicitation # FTA-08-PMOC
         Construction Cost Estimating & Scheduling Services

Dear Mr. Bardwell and Mr. Harper:

We are pleased to have the opportunity to offer construction cost estimating & scheduling services and to be placed among those on your service providers' list for the forthcoming FTA PMOC for 2009.


Since our corporate inception in 1993, we have estimated literally hundreds of projects with great success working with public agencies and owners, architects, and construction managers alike.

LENAX is well-qualified for all rail transit assignments and has extensive estimating and scheduling experience supporting all types of rail and rail systems/systems integration projects – including high-speed rail, light rail, heavy rail, and commuter rail.

Under the supervision of Certified Professional Estimators (CPEs), LENAX commits the professional resources to ensure successful cost estimating & scheduling for all phases of design and construction.

We look forward to lending our support in meeting the Federal Transit Administration's objectives.

Very truly yours,
LENAX CONSTRUCTION SERVICES, INC.

Yelena Zeetser
President
LENAX PROJECT REFERENCES

- Silicon Valley Rapid Transit Project Preliminary Engineering Cost Estimate, Yard & Shops, San Jose, CA (In-progress)

- Bay Area Rapid Transit (BART) Seismic Retrofit Design of All Stations on the A, C, & R Lines, Cost Analysis & Project Controls, San Francisco, CA (In-progress, projected $100M+)

- MTA Mid-City Exposition LRT Project Phase 1 & 2, providing Design & Construction Cost Estimates & Analysis for Light Rail Transit Line with Intermodal Transfer Facilities, Bus Terminals, Transit Stations, Maintenance Facilities, Bridges, & additional infrastructure tie-in facilities – Los Angeles, CA ($640M – In-progress)

- Metro Gold Line Eastside Extension LRT Project, Los Angeles, CA ($899 – In-progress)


- LACMTA San Fernando Valley Bus Rapid Transit Project MC067, Los Angeles, CA ($165M)

- California High-Speed Train (Sacramento to Bakersfield, Regional Environmental/Engineering Study) – Capital Cost Estimate ($6.7B)

- Florida Department of Transportation, Florida Overland Xpress (FOX) High-Speed Rail, Florida – Estimating & Cost Analysis ($4.5B)

- LACMTA, Los Angeles Metro Rail Project, Segment 3, Los Angeles, CA: Fair Cost Estimates for stations and tunnels ($500M)

- North County Transportation District (NCTD), ‘Sprinter’ Oceanside-Escondido Rail Project, San Diego, CA – Estimating & Cost Analysis – 175,000TF Mainline, 15 stations, 8 Bridges, & Maintenance Facility ($164M)
LENAX – Project References (continued)

- LACMTA, System Wide Project Management Oversight / Assistance PM021/PM023 – Cost Analysis, Scheduling, Claims, and Change Order Control ($800M)
- Amtrak, Kirkham Street Maintenance Facility, Program Cost Estimate, Oakland, CA ($40M)
- Amtrak, 8th Street Yard, Program Cost Estimate, Downtown Los Angeles, CA ($15M)
- Alameda Corridor Transportation Authority Project, Los Angeles, California – Independent Engineering Review, Estimating, Cost Analysis and Scheduling ($2.4B)
- Caltrans On-Call Claims – Scheduling & Claims Analysis, California Statewide ($70M)
- Los Angeles Metro Red Line MOS-1, A165 – Claims Management and Analysis ($1.4B)
- Hudson-Bergen LRT System, New Jersey – Cost Estimating ($900M)
- Tren Urbano LRT, Puerto Rico – Cost Estimating & Scheduling ($1.1B)
- LAWAX Advance Planning - Prepared Advanced Cost Estimates & Schedules for Tom Bradley International Terminal, Bus & Transit Interfaces into overall infrastructure, various Parking Structures, multiple Runways and Parkways, and a vast number of other projects - Los Angeles, CA ($8+B)
- Caltrans/CHP L.A. Regional Transportation Management Center, Cost Estimate for a 4-story 90,400 Gross SF structural steel-braced frame building serving as an essential services and data center. The building is outfitted with base isolators and horizontal dampening systems in the event of an earthquake, and contains a rooftop Heliostop for helicopter take-off & landing – City of Los Angeles, CA ($27.5M)
LENAX CLIENT REFERENCES

MTA Mid-City Exposition Line LRT
Steve Polechronis, VP
DMJM+Harris
515 S Flower, 9th Fl
Los Angeles, CA 90071
213/922-9572

Caltrans/CHPS L.A. Transportation Management Center as well as other transportation projects
Margueritte Jorgensen, President
The Nettleship Group
560 E Channel Rd
Santa Monica, CA 90402
310/573-3705

MTA Gold Line Eastside Extension LRT & Orange County Transportation Authority Projects
Art Hadnett
West Coast Unit Manager
Carter & Burgess
600 Wilshire Blvd, Suite 1000
Los Angeles, CA 90017
213/239-1300

Multiple Public Works Projects including Port of Long Beach Projects & Caltrans Statewide On-Call Claims
Steve Davis, VP
PinnacleOne
515 S. Flower St., Suite 3510
Los Angeles, CA 90071
213/486-9884

Multiple Public Works Projects
Gerd Ernst
Sr Vice President
DMJMH+N
515 S Flower St, Level C #22
Los Angeles, CA 90071
213/593-8481
LENAX has accumulated sound cost estimating methodology relative to and associated with rail transit projects, providing a valuable edge in cost analysis, project schedules, and value engineering support. The professionals at LENAX possess in-depth knowledge about the construction process, methods, and alternatives related to rail projects of all types.

**Cost Estimating:** The Certified Professional Estimators (CPEs) at LENAX have assisted in numerous study estimates based on minimal design parameters and are specialized in transportation infrastructure, including Bus & Mass Transit, Subway, Light Rail, High Speed Rail, Heavy & Commercial Rail, as well as Airport & Highway construction costs, utilizing the latest software applications, such as Timberline, On-Center Takeoff, Cost Link CM, Primavera and Microsoft Office.

**Scheduling:** LENAX uses the latest technology including Microsoft Project, Primavera Project Manager P6 (P3), and SureTrak to develop a thorough, achievable and logically sound project schedule – a project schedule that exhibits a critical path and milestones that are clearly defined. The Project Controls team ensures that the schedules they produce will accurately reflect the project’s path of optimum performance. LENAX will prepare initial planning schedules, prepare or review schedule submissions, track and report on progress, develop workarounds, and evaluate change order impacts should the need arise.
In developing pricing, the professionals at LENAX continuously update cost information which is derived from in-house historical cost data, vendor quotations, and industry accepted database sources, such as R.S. Means, Saylor Publications, National Cost Guides, Sweets, ENR, Primedia EquipmentWatch, BNI, Timberline and CostLink (Army Corps of Engineers) with detailed labor, material, equipment rates and also a breakdown of sub-contract unit pricing. These sources are used with the estimator’s judgment for this specific type of project and geographical location and adjusted if necessary.

In summary, LENAX provides the following in conjunction with the estimate:

1. A detailed quantity survey prepared by experienced estimators and overseen by a Certified Professional Estimator (CPE).
2. Estimators will review specifications and develop vendor quotations list as well as a general requirements checklist.
3. The estimate will be priced using the most recent cost information.
4. Contractor’s mark-ups, contingency, escalation and market conditions factors will be developed using latest information per geographical location of the project.
5. The estimate will be formatted following SCC Format (or any other format, if requested) showing cost per line item and in proper order, thus providing a meaningful tool for Owner/Management to make cost control decisions.
6. A site visit will be conducted to identify potential cost-impacting problems in regard to access, unusual working conditions, etc.
7. A bid comparison will be developed as a follow-up in order to finely tune costs on future projects similar in nature.

LENAX has established a sound reputation throughout the transportation industry for construction cost estimates and schedules based on delivering supportable, quality product in a timely and professional manner, using a systematic approach to develop estimates and schedules, while providing cost analysis from the conceptual stage – with very little information – to fully designed facilities.