



Los Angeles County  
Metropolitan  
Transportation  
Authority

One Gateway Plaza  
Los Angeles, CA  
90012  
213.922.6000

Mailing Address:  
P.O. Box 194  
Los Angeles, CA 90053

**TO: BOARD OF DIRECTORS**  
**FROM: STANLEY G. PHERNAMBUCQ**  
**SUBJECT: PROFESSIONAL SERVICES CHANGE BASIS AND CONTRACT VALUE STATUS**



**ISSUE**

This monthly Board Box Item includes the Professional Services Basis Detail for Amended Changes and Professional Services Contract Value Summary reports.

**BACKGROUND**

Several Board members have requested information, in addition to the standard monthly Board Box Item report on the Status of Proposed Professional Service Contract Changes Over \$200,000, to assist them in monitoring the performance of professional service contractors. On October 12, 1995, the Cost Containment, Contracts, and Efficiency Committee accepted a staff recommendation to provide all Board members with the following status reports as a monthly Board Box Item:

**Basis Detail for Amended Changes**

The Basis Detail for Amended Changes report is designed to document the underlying origins of professional services contracts changes. Changes are tracked in one of the following categories: Outside Agency/ Operations Requests, Design/Construction Schedule Changes, Design/Construction Contract Changes, Abnormal Activity Changes, Special Studies/Assignments, and Work Scope Changes.

**Professional Services Contract Value Summary**

The Professional Services Contract Value Summary report highlights the current contract status in relationship to the Board approved Authorization for Expenditure (AFE). The report displays the status of each Contract Work Order (CWO) by project and consultant.

LACMTA  
METRO RAIL PROGRAM  
PROFESSIONAL SERVICES CONTRACT CHANGES

**BASIS DETAIL FOR AMENDED CHANGES**

EMC & CONSTRUCTION MANAGER CHANGES

AMENDED AS OF 03/28/96

|  | # CCR'S    | % Total<br>Volume | Change Cost            | % Total<br>Change Cost |
|--|------------|-------------------|------------------------|------------------------|
| <b>OUTSIDE AGENCY/OPERATIONS REQUESTS</b>                  |            |                   |                        |                        |
| OPERATIONS SUPPORT   | 6          | 1.58%             | \$265,899.25           | 0.45%                  |
| OUTSIDE AGENCY REQUIREMENTS CHANGE                         | 44         | 11.61%            | \$7,715,006.00         | 13.15%                 |
|  | ----       | -----             | -----                  | -----                  |
|  | <b>50</b>  | <b>13.19%</b>     | <b>\$7,980,905.25</b>  | <b>13.60%</b>          |
| <b>DESIGN/CONSTRUCTION SCHEDULE CHANGES</b>                |            |                   |                        |                        |
| SCHEDULE ACCELERATION                                      | 8          | 2.11%             | \$504,522.38           | 0.86%                  |
| SCHEDULE EXTENSION   | 4          | 1.06%             | \$849,580.08           | 1.45%                  |
|  | ----       | -----             | -----                  | -----                  |
|  | <b>12</b>  | <b>3.17%</b>      | <b>\$1,354,102.46</b>  | <b>2.31%</b>           |
| <b>DESIGN/CONSTRUCTION CONTRACT CHANGES</b>                |            |                   |                        |                        |
| CCR CAUSED BY DESIGN/CONSTRUCTION CHANGES                  | 7          | 1.85%             | \$100,731.03           | 0.17%                  |
| ADDED FACILITIES SUPPORT DUE TO CHANGE NOTICE              | 6          | 1.58%             | \$363,963.00           | 0.62%                  |
| ADDED FACILITIES SUPPORT DUE TO DESIGN CHANGE NOTICE       | 18         | 4.75%             | \$2,385,637.99         | 4.07%                  |
| ADDED FACILITIES SUPPORT DUE TO DESIGN DEVELOPMENT CHANGES | 83         | 21.90%            | \$18,529,832.00        | 31.58%                 |
| ADDED SYSTEMS SUPPORT DUE DESIGN CHANGE NOTICE             | 2          | 0.53%             | \$71,189.00            | 0.12%                  |
| ADDED SYSTEMS SUPPORT DUE DEVELOPMENT DESIGN CHANGES       | 15         | 3.96%             | \$1,671,755.00         | 2.85%                  |
|  | ----       | -----             | -----                  | -----                  |
|  | <b>131</b> | <b>34.56%</b>     | <b>\$23,123,108.02</b> | <b>39.41%</b>          |
| <b>ABNORMAL ACTIVITY (CLAIMS, DISRUPTION, ETC.)</b>        |            |                   |                        |                        |
| CLAIMS/DISPUTES/LITIGATION SUPPORT                         | 2          | 0.53%             | \$483,554.02           | 0.82%                  |
| REPAIR OF DAMAGE TO FACILITIES/EQUIPMENT                   | 1          | 0.26%             | \$3,476.25             | 0.01%                  |
|  | ----       | -----             | -----                  | -----                  |
|  | <b>3</b>   | <b>0.79%</b>      | <b>\$487,030.27</b>    | <b>0.83%</b>           |
| <b>SPECIAL STUDIES/ASSIGNMENTS</b>                         |            |                   |                        |                        |
| OUTSIDE CONSULTANT SPECIALIST WORK (UNUSUAL SERVICES)      | 29         | 7.65%             | \$1,836,504.86         | 3.13%                  |
| PREPARE BID/CONTRACT DOCUMENTS                             | 10         | 2.64%             | \$692,332.52           | 1.18%                  |
| SPECIAL STUDIES  | 46         | 12.14%            | \$2,661,254.27         | 4.54%                  |
|  | ----       | -----             | -----                  | -----                  |
|  | <b>85</b>  | <b>22.43%</b>     | <b>\$5,190,091.65</b>  | <b>8.85%</b>           |
| <b>WORK SCOPE</b>  |            |                   |                        |                        |
| ADDITIONAL CAPITAL EQUIPMENT/FACILITIES REQUIRED           | 6          | 1.58%             | \$2,314,339.60         | 3.94%                  |
| EXTRA/ADDITIONAL WORK REQUESTED BY LACMTA                  | 92         | 24.27%            | \$18,228,315.48        | 31.07%                 |
|  | ----       | -----             | -----                  | -----                  |
|  | <b>98</b>  | <b>25.86%</b>     | <b>\$20,542,655.08</b> | <b>35.01%</b>          |
| <b>PROGRAM TOTALS: [1]</b>                                 |            |                   |                        |                        |
|  | <b>379</b> | <b>100.00%</b>    | <b>\$58,677,892.73</b> | <b>100.00%</b>         |

NOTE: Lists amended consultant changes for Pasadena Blue Line, and Metro Red Line Segment 2, Segment 3 North Hollywood, Segment 3 Eastside Projects

[1] Does not include planned additional scope changes (changes that do not modify the intended design or construction baseline)

**METRO SYSTEM  
PROFESSIONAL SERVICES CONTRACT VALUE SUMMARY**

EMC & Construction Manager changes recorded since April '91

**R05 - Pasadena Blue Line**

AS OF DATE: 03/28/96

| AWARD  |              | APPROVED     |               |                      |                     | OBLIGATED        |               | PENDING           |             | PROJECTED           |                         |
|--|--------------|--------------|---------------|----------------------|---------------------|------------------|---------------|-------------------|-------------|---------------------|-------------------------|
| CWO #  | BASE CWO EST | AFE          | AMENDMENTS \$ | CURRENT CWO ESTIMATE | WORK AUTHORIZATIONS | TOTAL AUTH. COST | REMAINING AFE | PENDING CHANGES # | \$          | TOTAL CWO + CHANGES | PROJECTED REMAINING AFE |
| A.   | B.III        | C.           | D.            | E.                   | F.                  | G.               | H.            | I.                | J.          | K.                  |                         |
| <b>03369 - CONSTRUCTION MANAGEMENT CONSULTANT (CM) \ PARSONS-DILLINGHAM</b>                |              |              |               |                      |                     |                  |               |                   |             |                     |                         |
| R05 000  | \$0          |              | \$246,860     | \$246,860            | \$92,036            | \$338,896        |               |                   | \$0         | \$338,896           |                         |
| ! R05  | \$0          | \$338,896    | \$246,860     | \$246,860            | \$92,036            | \$338,896        | \$0           |                   | \$0         | \$338,896           | \$0                     |
| <b>E0070 - ENGINEERING MANAGEMENT CONSULTANT \ PARSONS-BRINCKERHOFF/DMJM</b>               |              |              |               |                      |                     |                  |               |                   |             |                     |                         |
| R05 001  | \$10,833,530 |              | \$278,833     | \$11,112,363         | \$0                 | \$11,112,363     |               |                   | \$0         | \$11,112,363        |                         |
| R05 021  | \$48,720,200 |              | \$8,070,122   | \$56,790,322         | \$1,744,752         | \$58,535,074     |               |                   | \$7,180,365 | \$65,715,439        |                         |
| R05 025  | \$1,621,168  |              | \$282,018     | \$1,903,186          | \$214,300           | \$2,117,486      |               |                   | \$724,851   | \$2,842,337         |                         |
| R05 034  | \$50,000     |              | \$0           | \$50,000             | \$54,000            | \$104,000        |               |                   | (\$996)     | \$103,004           |                         |
| R05  | \$61,224,898 | \$72,196,837 | \$8,630,973   | \$69,855,871         | \$2,013,052         | \$71,868,923     | \$327,914     |                   | \$7,904,220 | \$79,773,143        | (\$7,576,306)           |
| <b>MC013 - CONSTRUCTION MANAGEMENT CONSULTANT \ MANAGERS OF TRANSIT CONSTRUCTION (MTC)</b> |              |              |               |                      |                     |                  |               |                   |             |                     |                         |
| R05 001  | \$14,955,818 |              | \$20,869      | \$14,976,687         | \$90,000            | \$15,066,687     |               |                   | \$0         | \$15,066,687        |                         |
| R05 003  | \$74,948     |              | \$0           | \$74,948             | \$0                 | \$74,948         |               |                   | \$0         | \$74,948            |                         |
| R05  | \$15,030,766 | \$16,816,446 | \$20,869      | \$15,051,635         | \$90,000            | \$15,141,635     | \$1,674,811   |                   | \$0         | \$15,141,635        | \$1,674,811             |
| R05  | \$76,255,664 | \$89,352,179 | \$8,898,702   | \$85,154,366         | \$2,195,088         | \$87,349,454     | \$2,002,725   |                   | \$7,904,220 | \$95,253,674        | (\$5,901,495)           |

NOTES:

! NTE allowance has been exceeded.

!! Includes planned scope additions incorporated via amendments

RRRev 2.1 02/16/96 kam

PAGE 1

\*\*\*\*\*

VALUE SUMMARY  
03/28/96 14:33:44

**METRO SYSTEM  
PROFESSIONAL SERVICES CONTRACT VALUE SUMMARY**  
EMC & Construction Manager changes recorded since April '91

**R81 - Metro Red Line Seg-2**  
AS OF DATE: 03/28/96

| AWARD  |                      | APPROVED             |                     |                      |                     | OBLIGATED            |                    | PENDING           |                     | PROJECTED            |                         |
|--|----------------------|----------------------|---------------------|----------------------|---------------------|----------------------|--------------------|-------------------|---------------------|----------------------|-------------------------|
| CWO #  | BASE CWO EST         | AFE                  | AMENDMENTS \$       | CURRENT CWO ESTIMATE | WORK AUTHORIZATIONS | TOTAL AUTH. COST     | REMAINING AFE      | PENDING CHANGES # | \$                  | TOTAL CWO + CHANGES  | PROJECTED REMAINING AFE |
| A.   | B.(1)                | C.                   | D.                  | E.                   | F.                  | G.                   | H.                 | I.                | J.                  | K.                   |                         |
| <b>03369 - CONSTRUCTION MANAGEMENT CONSULTANT (CM) \ PARSONS-DILLINGHAM</b>                |                      |                      |                     |                      |                     |                      |                    |                   |                     |                      |                         |
| R81 000  | \$131,085,157        |                      | \$14,381,395        | \$145,466,552        | \$5,499,136         | \$150,965,688        |                    |                   | \$16,156,765        | \$167,122,453        |                         |
| ! R81  | \$131,085,157        | \$150,435,163        | \$14,381,395        | \$145,466,552        | \$5,499,136         | \$150,965,688        | (\$530,525)        |                   | \$16,156,765        | \$167,122,453        | (\$16,687,290)          |
| <b>E0070 - ENGINEERING MANAGEMENT CONSULTANT (EMC) \ PARSONS-BRINCKERHOFF/DMJM</b>         |                      |                      |                     |                      |                     |                      |                    |                   |                     |                      |                         |
| R81 003  | \$56,709,556         |                      | \$25,996,930        | \$82,706,486         | \$481,150           | \$83,187,636         |                    |                   | \$3,561,822         | \$86,749,458         |                         |
| R81  | \$56,709,556         | \$83,206,486         | \$25,996,930        | \$82,706,486         | \$481,150           | \$83,187,636         | \$18,850           |                   | \$3,561,822         | \$86,749,458         | (\$3,542,972)           |
| <b>MC013 - CONSTRUCTION MANAGEMENT CONSULTANT \ MANAGERS OF TRANSIT CONSTRUCTION (MTC)</b> |                      |                      |                     |                      |                     |                      |                    |                   |                     |                      |                         |
| R81 002  | \$0                  |                      | \$199,618           | \$199,618            | \$0                 | \$199,618            |                    |                   | \$0                 | \$199,618            |                         |
| R81  | \$0                  | \$199,618            | \$199,618           | \$199,618            | \$0                 | \$199,618            | \$0                |                   | \$0                 | \$199,618            | \$0                     |
| <b>R81</b>   | <b>\$187,794,713</b> | <b>\$233,841,267</b> | <b>\$40,577,943</b> | <b>\$228,372,656</b> | <b>\$5,980,286</b>  | <b>\$234,352,942</b> | <b>(\$511,675)</b> |                   | <b>\$19,718,587</b> | <b>\$254,071,529</b> | <b>(\$20,230,262)</b>   |

NOTES:  
! NTE allowance has been exceeded.  
[1] Includes planned scope additions incorporated via amendments  
RRev 2.1 02/16/96 kam  
PAGE 1

\*\*\*\*\*  
VALUE SUMMARY  
03/28/96 14:35:21

**METRO SYSTEM  
PROFESSIONAL SERVICES CONTRACT VALUE SUMMARY**

EMC & Construction Manager changes recorded since April '91

**R82 - Metro Red Line Seg-3 N. Hlwd.**

AS OF DATE: 03/28/96

| AWARD  |               | APPROVED      |               |                      |                     | OBLIGATED        |               | PENDING           |             | PROJECTED           |                         |
|--|---------------|---------------|---------------|----------------------|---------------------|------------------|---------------|-------------------|-------------|---------------------|-------------------------|
| CWO #  | BASE CWO EST  | AFE           | AMENDMENTS \$ | CURRENT CWO ESTIMATE | WORK AUTHORIZATIONS | TOTAL AUTH. COST | REMAINING AFE | PENDING CHANGES # | \$          | TOTAL CWO + CHANGES | PROJECTED REMAINING AFE |
| A.   | B.[1]         | C.            | D.            | E.                   | F.                  | G.               | H.            | I.                | J.          | K.                  |                         |
| <b>03369 - CONSTRUCTION MANAGEMENT CONSULTANT (CM) \ PARSONS-DILLINGHAM</b>        |               |               |               |                      |                     |                  |               |                   |             |                     |                         |
| R82 000  | \$49,770,587  |               | \$127,553     | \$49,898,140         | \$20,000            | \$49,918,140     |               |                   | \$10,000    | \$49,928,140        |                         |
| R82  | \$49,770,587  | \$51,898,140  | \$127,553     | \$49,898,140         | \$20,000            | \$49,918,140     | \$1,980,000   |                   | \$10,000    | \$49,928,140        | \$1,970,000             |
| <b>E0070 - ENGINEERING MANAGEMENT CONSULTANT (EMC) \ PARSONS-BRINCKERHOFF/DMJM</b> |               |               |               |                      |                     |                  |               |                   |             |                     |                         |
| R82 004  | \$64,328,505  |               | \$9,073,695   | \$73,402,200         | \$64,000            | \$73,466,200     |               |                   | \$4,795,778 | \$78,261,978        |                         |
| R82  | \$64,328,505  | \$75,403,162  | \$9,073,695   | \$73,402,200         | \$64,000            | \$73,466,200     | \$1,936,962   |                   | \$4,795,778 | \$78,261,978        | (\$2,858,816)           |
| <b>MC047 - CONSTRUCTION MANAGEMENT CONSULTANT (CM) \ JMA, JOINT VENTURE</b>        |               |               |               |                      |                     |                  |               |                   |             |                     |                         |
| R82 001  | \$55,381,438  |               | \$0           | \$55,381,438         | \$100,000           | \$55,481,438     |               |                   | \$0         | \$55,481,438        |                         |
| R82  | \$55,381,438  | \$57,381,438  | \$0           | \$55,381,438         | \$100,000           | \$55,481,438     | \$1,900,000   |                   | \$0         | \$55,481,438        | \$1,900,000             |
| R82  | \$169,480,530 | \$184,682,740 | \$9,201,248   | \$178,681,778        | \$184,000           | \$178,865,778    | \$5,816,962   |                   | \$4,805,778 | \$183,671,556       | \$1,011,184             |

NOTES:  
 1 NTE allowance has been exceeded.  
 [1] Includes planned scope additions incorporated via amendments  
 RRRev 2.1 02/16/96 kam  
 PAGE 1

\*\*\*\*\*  
 VALUE SUMMARY  
 03/28/96 14:36:43

**METRO SYSTEM  
PROFESSIONAL SERVICES CONTRACT VALUE SUMMARY**

EMC & Construction Manager changes recorded since April '91

**R84 - Metro Red Line Seg-3 East Side**

AS OF DATE: 03/28/96

| AWARD  |                     | APPROVED            |               |                      | OBLIGATED           |                     | PENDING             |                   | PROJECTED           |                     |                         |
|--|---------------------|---------------------|---------------|----------------------|---------------------|---------------------|---------------------|-------------------|---------------------|---------------------|-------------------------|
| CWO #  | BASE CWO EST        | AFE                 | AMENDMENTS \$ | CURRENT CWO ESTIMATE | WORK AUTHORIZATIONS | TOTAL AUTH. COST    | REMAINING AFE       | PENDING CHANGES # | \$                  | TOTAL CWO + CHANGES | PROJECTED REMAINING AFE |
| A.   | B.(1)               | C.                  | D.            | E.                   | F.                  | G.                  | H.                  | I.                | J.                  | K.                  |                         |
| <b>E0070 - ENGINEERING MANAGEMENT CONSULTANT (EMC) \ PARSONS-BRINCKERHOFF/DMJM</b> |                     |                     |               |                      |                     |                     |                     |                   |                     |                     |                         |
| R84 023  | \$6,766,509         |                     | \$0           | \$6,766,509          | \$0                 | \$6,766,509         |                     |                   | \$0                 | \$6,766,509         |                         |
| R84 028  | \$9,968,697         |                     | \$0           | \$9,968,697          | \$67,400            | \$10,036,097        |                     |                   | \$319,600           | \$10,355,697        |                         |
| <b>R84</b>   | <b>\$16,735,206</b> | <b>\$38,766,509</b> | <b>\$0</b>    | <b>\$16,735,206</b>  | <b>\$67,400</b>     | <b>\$16,802,606</b> | <b>\$21,963,903</b> | <b>\$319,600</b>  | <b>\$17,122,206</b> | <b>\$21,644,303</b> |                         |
| <b>R84</b>   | <b>\$16,735,206</b> | <b>\$38,766,509</b> | <b>\$0</b>    | <b>\$16,735,206</b>  | <b>\$67,400</b>     | <b>\$16,802,606</b> | <b>\$21,963,903</b> | <b>\$319,600</b>  | <b>\$17,122,206</b> | <b>\$21,644,303</b> |                         |

NOTES:  
 ! NTE allowance has been exceeded.  
 [1] Includes planned scope additions incorporated via amendments  
 RRev 2.1 02/16/96 kam  
 PAGE 1

\*\*\*\*\*  
 VALUE SUMMARY  
 03/28/96 14:38:31