

LOCAL FORCE ACCOUNT (LFA)-LOCAL UNIT COST ANALYSIS
 INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION
 DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE
 STATE PROJECT I.D.# 2984-76-70
 LED SIGNAL RETROFIT GRANT #3

SUMMARY COST ESTIMATE - TRAFFIC SIGNALS

ITEM	DESCRIPTION	UNIT	QUANTITY	Material	QUANTITY x MATERIAL	Equipment	QUANTITY x EQUIPMENT	Labor	QUANTITY x LABOR	Unit Cost	TOTAL COST
71064RL	112 RED LED MODULE	EACH	616	\$43.91	\$27,048.56	\$2.36	\$1,453.76	\$39.59	\$24,387.44	\$85.86	\$52,889.76
71064YL	112 YELLOW LED MODULE	EACH	610	\$46.49	\$28,358.90	\$2.36	\$1,439.60	\$39.59	\$24,149.90	\$88.44	\$53,948.40
71064GL	112 GREEN LED MODULE	EACH	607	\$84.30	\$51,170.10	\$2.36	\$1,432.52	\$39.59	\$24,031.13	\$126.26	\$76,633.75
71064YAL	112 YELLOW ARROW LED MODULE	EACH	82	\$44.21	\$3,625.22	\$2.36	\$193.52	\$39.59	\$3,246.38	\$86.16	\$1,010.08
71064GAL	112 GREEN ARROW LED MODULE	EACH	89	\$61.55	\$5,477.95	\$2.36	\$210.04	\$39.59	\$3,523.51	\$103.50	\$9,211.50
71072RL	18 RED LED MODULE	EACH	880	\$40.50	\$35,640.00	\$2.36	\$2,076.80	\$39.59	\$34,839.20	\$82.45	\$72,556.00
71072YL	18 YELLOW LED MODULE	EACH	894	\$43.07	\$38,504.58	\$2.36	\$2,109.84	\$39.59	\$35,393.46	\$85.02	\$76,007.88
71072GL	18 GREEN LED MODULE	EACH	887	\$54.59	\$48,421.33	\$2.36	\$2,093.32	\$39.59	\$35,116.33	\$96.54	\$85,630.98
71066RL	DW-W DUAL 12" LED MODULE	EACH	735	\$124.03	\$91,162.05	\$7.07	\$5,196.45	\$118.78	\$87,303.30	\$249.87	\$183,661.80
71078RL	DW-W 9" LED MODULE	EACH	184	\$111.73	\$20,558.32	\$7.07	\$1,300.88	\$118.78	\$21,855.52	\$237.57	\$43,714.72

TOTAL COST
MATERIAL
 \$294,559.55

TOTAL COST
EQUIP
 \$14,613.37

TOTAL COST
LABOR
 \$245,308.83

OVERALL
TOTAL COST
 \$548,426.71

ESTIMATED COST OF 2007 HES PROGRAM

APPROVED BY:



ROBERT W. BRYSON
 CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
 TRAFFIC & LIGHTING DESIGN UNIT
 JOSEPH C. BLAKEMAN
 February 13, 2007

Revised: