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**Date** October 23, 2023

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON AURORA AVENUE LANE MODIFICATIONS FROM BEAVER AVENUE TO MERLE HAY ROAD; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS INROADS, LLC, JOSEPH J. MANATT, CEO, \$991,957.60**

WHEREAS, on September 11, 2023, under Roll Call No. 23-1223, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

Aurora Avenue Lane Modifications from Beaver Avenue to Merle Hay Road, Activity ID 042023012

The improvement includes placement of a new High-Intensity Activated CrossWalk (HAWK) pedestrian signal, Portland Cement Concrete (PCC) curb and gutter bump-outs, new PCC raised medians, and pavement markings to reconfigure the traffic patterns. Also, the improvements include scarification of existing asphalt street, furnish and place Hot Mix Asphalt (HMA), traffic control, and other incidental items, all in accordance with the contract documents, including Plan File No. 655-194/247, on Aurora Avenue from Beaver Avenue to Merle Hay Road, Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- InRoads, LLC, Des Moines, IA - Low Bid
- OMG Midwest, Inc. dba Des Moines Asphalt & Paving, Ankeny, IA
- Shekar Engineering, P.L.C., Des Moines, IA
- Jasper Construction Services, Inc., Newton, IA
- TK Concrete, Inc., Pella, IA
- Grimes Asphalt and Paving Corporation, Des Moines, IA

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on October 03, 2023. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

**Date** October 23, 2023

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by InRoads, LLC, Joseph J. Manatt, CEO, 4761 NE 20th Lane, Des Moines, IA, 50313 in the amount of \$991,957.60, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsive, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary closure of all public grounds, streets, sidewalks, alleys, bridges, culverts, overpasses, underpasses, grade crossing separations and approaches, public ways, squares, and commons for the Project.

(Council Communication No. 23-459 attached)

Moved by \_\_\_\_\_ to adopt. Second by \_\_\_\_\_

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool  
Deputy City Attorney

Nickolas J. Schaul  
Director of Finance

Funding Source: 2023-24 CIP, Page 124, Active Transportation, ST269, \$16,957.60 G.O. bonds, \$500,000 in G.O. bonds transferred from ST003, \$150,000 in G.O. bonds transferred from ST287, and the remaining \$325,000 in G.O. bonds transferred from ST263

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	

**CERTIFICATE**

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

Mayor

\_\_\_\_\_  
City Clerk



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DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID: 04-2023-012

BID DATE: 10/03/2023

TABULATED BY: N. Smith  
CHECKED BY: *[Signature]*

APPROVED BY: *[Signature: Phillip J. Wagen]*

CONTRACTOR'S BID TABULATION  
PROJECT: AURORA AVENUE LANE MODIFICATIONS FROM BEAVER AVENUE TO MERLE HAY ROAD

ESTIMATE

		InRoads, LLC Des Moines, IA		OMG Midwest dba Des Moines Asphalt and Paving Ankeny, IA		Shekar Engineering, PLC Des Moines, IA		Jasper Construction Services, Inc. Newton, IA		
		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		BID SECURITY 10% Bid Bond		
		BID PRICE		BID PRICE		BID PRICE		BID PRICE		
ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	EXCAVATION AND TOPSOIL	1	LS	\$10,000.00	\$25,000.00	\$25,000.00	\$6,920.00	\$6,920.00	\$24,200.00	\$15,200.00
2	SUBGRADE TREATMENT, GEOGRID	535	SY	\$10.00	\$8.50	\$4,547.50	\$10.10	\$5,403.50	\$5.50	\$2,942.50
3	SUBBASE, MODIFIED, 4 IN. THICK	535	SY	\$15.00	\$23.00	\$12,305.00	\$30.30	\$16,210.50	\$16.50	\$8,827.50
4	STORM SEWER, TRENCHED, 15 IN. DIA.	24	LF	\$90.00	\$175.00	\$4,200.00	\$495.00	\$11,880.00	\$165.00	\$3,960.00
5	MANHOLE, SW-402, 40 IN. X 40 IN.	1	EACH	\$8,000.00	\$10,000.00	\$10,000.00	\$9,900.00	\$9,900.00	\$3,630.00	\$3,630.00
6	INTAKE, SW-501	1	EACH	\$8,000.00	\$6,950.00	\$6,950.00	\$3,900.00	\$3,900.00	\$220.00	\$220.00
7	INTAKE, REMOVE & REPLACE SW-501	1	EACH	\$9,000.00	\$8,500.00	\$8,500.00	\$6,600.00	\$6,600.00	\$2,970.00	\$2,970.00
8	REMOVE INTAKE	1	EACH	\$1,000.00	\$875.00	\$875.00	\$1,215.00	\$1,215.00	\$1,100.00	\$1,100.00
9	MANHOLE ADJUSTMENT, PCC DIAMOND	14	EACH	\$2,500.00	\$1,980.00	\$27,720.00	\$3,050.00	\$42,700.00	\$1,760.00	\$24,640.00
10	INTAKE ADJUSTMENT	1	EACH	\$2,500.00	\$1,500.00	\$1,500.00	\$3,300.00	\$3,300.00	\$1,650.00	\$1,650.00
11	PAVEMENT, PCC, 10 IN. THICK	127	SY	\$120.00	\$119.50	\$15,176.50	\$126.50	\$16,065.50	\$131.18	\$16,659.86
12	PAVEMENT, PCC, 14 IN. THICK	11	SY	\$140.00	\$149.00	\$1,540.00	\$142.00	\$1,562.00	\$354.12	\$3,895.32
13	CONCRETE MEDIAN, DOWELED, 9.5 IN.	49	SY	\$120.00	\$136.50	\$6,688.50	\$202.00	\$9,898.00	\$251.53	\$12,324.97
14	CURB AND GUTTER, PCC, 1.5 FT, 10 IN. THICK	538	LF	\$50.00	\$46.00	\$24,748.00	\$45.50	\$24,479.00	\$51.05	\$27,464.90
15	CURB AND GUTTER, PCC, 2.0 FT, 10 IN. THICK	410	LF	\$55.00	\$48.00	\$19,680.00	\$50.50	\$20,705.00	\$54.46	\$22,328.60
16	REMOVE AND REPLACE CURB AND GUTTER	200	LF	\$65.00	\$51.00	\$10,200.00	\$55.50	\$11,100.00	\$70.46	\$14,092.00
17	HMA OVERLAY, HT SURFACE 1/2" MIX, NO FRIC, PG 58-28H	3160	TON	\$125.00	\$108.00	\$341,280.00	\$105.00	\$331,800.00	\$118.80	\$375,408.00
18	CLEANING AND PREPARATION OF BASE	1	MILE	\$3,000.00	\$3,500.00	\$3,500.00	\$5,200.00	\$5,200.00	\$3,850.00	\$3,850.00
19	REMOVAL OF SIDEWALK, SHARED USE PATH OR DRIVEWAY	127	SY	\$18.00	\$27.00	\$3,429.00	\$25.25	\$3,206.75	\$16.50	\$2,095.50
20	SIDEWALK, 5 IN. PCC	139	SY	\$75.00	\$89.00	\$12,371.00	\$79.29	\$11,021.31	\$74.36	\$10,336.04
21	SIDEWALK, 6 IN. PCC	103	SY	\$110.00	\$96.00	\$9,888.00	\$95.95	\$9,882.85	\$81.03	\$8,346.09
22	DETECTABLE WARNINGS - CAST IRON	122	SF	\$65.00	\$69.00	\$8,418.00	\$86.00	\$10,492.00	\$65.00	\$7,930.00
23	PATCH, FULL DEPTH, PCC	170	SY	\$120.00	\$125.00	\$21,250.00	\$197.00	\$33,490.00	\$131.18	\$22,300.60
24	SUBBASE, OVER-EXCAVATION	30	TON	\$70.00	\$55.00	\$1,650.00	\$126.50	\$3,795.00	\$55.00	\$1,650.00
25	CRACK AND JOINT CLEANING AND FILLING, HOT POUR	10800	LF	\$1.60	\$1.25	\$13,500.00	\$1.30	\$14,040.00	\$1.93	\$20,844.00
26	PAVEMENT SCARIFICATION	24235	SY	\$3.50	\$2.37	\$57,436.95	\$2.75	\$66,646.25	\$2.61	\$63,253.35
27	PAVEMENT REMOVAL	888	SY	\$25.00	\$22.50	\$19,980.00	\$30.75	\$27,306.00	\$13.20	\$11,721.60
28	HAWK TRAFFIC SIGNAL, COMPLETE	1	LS	\$100,000.00	\$85,000.00	\$85,000.00	\$93,800.00	\$93,800.00	\$83,543.90	\$83,543.90
29	TRAFFIC SIGNAL LOOP DETECTOR, 6'X20'	11	EACH	\$2,500.00	\$1,125.00	\$12,375.00	\$2,020.00	\$22,220.00	\$1,237.50	\$13,612.50
30	TRAFFIC SIGNAL LOOP DETECTOR, BICYCLE QUADRUPOLE, 6'X8'	2	EACH	\$2,000.00	\$800.00	\$1,600.00	\$2,020.00	\$4,040.00	\$880.00	\$1,760.00
31	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	448.75	STA	\$40.00	\$45.00	\$20,193.75	\$45.45	\$20,395.69	\$49.50	\$22,213.13
32	PAINTED PAVEMENT MARKINGS, EPOXY	9.48	STA	\$900.00	\$625.00	\$5,925.00	\$631.25	\$5,984.25	\$687.50	\$6,517.50
33	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	84	EACH	\$200.00	\$110.00	\$9,240.00	\$111.10	\$9,332.40	\$121.00	\$10,164.00
34	GROOVES CUT FOR PAVEMENT MARKINGS	9.48	STA	\$200.00	\$230.00	\$2,180.40	\$232.30	\$2,202.20	\$253.00	\$2,398.44
35	TEMPORARY TRAFFIC CONTROL	1	LS	\$35,000.00	\$49,000.00	\$49,000.00	\$35,249.00	\$35,249.00	\$43,670.00	\$43,670.00
36	TYPE A TRAFFIC SIGNS, SHEET ALUMINUM	223	SF	\$60.00	\$25.00	\$5,575.00	\$25.25	\$5,630.75	\$27.50	\$6,132.50
37	SIGNPOST, PERFORATED SQUARE, STEEL TUBE POST, 1-3/4 IN.	259.00	LF	\$30.00	\$259.00	\$67,081.00	\$25.25	\$6,539.75	\$27.50	\$7,122.50
38	SIGNPOST ANCHOR, PERFORATED SQUARE, STEEL TUBE POST	30	EACH	\$100.00	\$60.00	\$1,800.00	\$60.60	\$1,818.00	\$66.00	\$1,980.00
39	REMOVE AND SALVAGE TRAFFIC SIGN	39	EACH	\$125.00	\$175.00	\$6,825.00	\$176.75	\$6,893.25	\$192.50	\$7,507.50
40	REMOVE TRAFFIC SIGNPOST	10	EACH	\$100.00	\$250.00	\$2,500.00	\$252.50	\$2,525.00	\$275.00	\$2,750.00
41	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING	0.1	AC	\$10,000.00	\$16,950.00	\$1,695.00	\$17,120.00	\$1,712.00	\$22,000.00	\$2,200.00
42	SOD	85	SQ	\$120.00	\$121.00	\$10,285.00	\$123.00	\$10,455.00	\$165.00	\$14,025.00
43	MOBILIZATION	1	LS	\$82,678.50	\$21,000.00	\$21,000.00	\$48,150.00	\$48,150.00	\$78,925.00	\$143,450.00
44	FLAGGER, CERTIFIED	30	DAY	\$450.00	\$575.00	\$17,250.00	\$651.00	\$19,530.00	\$850.00	\$25,500.00
<b>TOTAL CONSTRUCTION COST</b>				\$1,100,000.00	\$991,957.60	\$991,957.60	\$1,005,195.95	\$1,005,195.95	\$1,028,662.80	\$1,061,272.10
<b>PERCENT OF ENGINEER'S ESTIMATE</b>					-9.82%	-9.82%	-8.62%	-8.62%	-6.49%	-3.52%

TABULATED BY: N. Smith  
CHECKED BY: M. Becker

APPROVED BY *Phillip J. Wagen*

**CONTRACTOR'S BID TABULATION**  
PROJECT: AURORA AVENUE LANE MODIFICATIONS FROM BEAVER AVENUE TO MERLE HAY ROAD

TK Concrete, Inc  
Pella, IA

BID SECURITY  
10% Bid Bond

BID PRICE

Grimes Asphalt and Paving  
Corporation  
Des Moines, IA

BID SECURITY  
10% Bid Bond

BID PRICE

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	EXCAVATION AND TOPSOIL	1 LS	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$31,250.00	\$31,250.00
2	SUBGRADE TREATMENT, GEOGRID	535 SY	\$10.00	\$5,350.00	\$6.00	\$3,210.00	\$8.00	\$4,280.00
3	SUBBASE, MODIFIED, 4 IN. THICK	535 SY	\$15.00	\$8,025.00	\$14.00	\$7,490.00	\$19.00	\$10,165.00
4	STORM SEWER, TRENCHED, 15 IN. DIA.	24 LF	\$90.00	\$2,160.00	\$125.00	\$3,000.00	\$156.00	\$3,744.00
5	MANHOLE, SW-402, 40 IN. X 40 IN.	1 EACH	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00	\$8,750.00	\$8,750.00
6	INTAKE, SW-501	1 EACH	\$8,000.00	\$8,000.00	\$6,500.00	\$6,500.00	\$8,125.00	\$8,125.00
7	INTAKE, REMOVE & REPLACE SW-501	1 EACH	\$9,000.00	\$9,000.00	\$7,500.00	\$7,500.00	\$9,375.00	\$9,375.00
8	REMOVE INTAKE	1 EACH	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,250.00	\$1,250.00
9	MANHOLE ADJUSTMENT, PCC DIAMOND	14 EACH	\$2,500.00	\$35,000.00	\$2,500.00	\$35,000.00	\$3,125.00	\$43,750.00
10	INTAKE ADJUSTMENT	1 EACH	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,875.00	\$1,875.00
11	PAVEMENT, PCC, 10 IN. THICK	127 SY	\$120.00	\$15,240.00	\$155.00	\$19,685.00	\$194.00	\$24,638.00
12	PAVEMENT, PCC, 14 IN. THICK	11 SY	\$140.00	\$1,540.00	\$300.00	\$3,300.00	\$375.00	\$4,125.00
13	CONCRETE MEDIAN, DOWELED, 9.5 IN.	49 SY	\$120.00	\$5,880.00	\$175.00	\$8,575.00	\$220.00	\$10,780.00
14	CURB AND GUTTER, PCC, 1.5 FT, 10 IN. THICK	538 LF	\$50.00	\$26,900.00	\$45.00	\$24,210.00	\$62.50	\$33,625.00
15	CURB AND GUTTER, PCC, 2.0 FT, 10 IN. THICK	410 LF	\$55.00	\$22,550.00	\$55.00	\$22,550.00	\$75.00	\$30,750.00
16	REMOVE AND REPLACE CURB AND GUTTER	200 LF	\$65.00	\$13,000.00	\$75.00	\$15,000.00	\$94.00	\$18,800.00
17	HMA OVERLAY, HT SURFACE 1/2" MIX, NO FRIC, PG 58-28H	3160 TON	\$125.00	\$395,000.00	\$118.00	\$372,880.00	\$118.00	\$372,880.00
18	CLEANING AND PREPARATION OF BASE	1 MILE	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00	\$5,600.00	\$5,600.00
19	REMOVAL OF SIDEWALK, SHARED USE PATH OR DRIVEWAY	127 SY	\$18.00	\$2,286.00	\$15.00	\$1,905.00	\$19.00	\$2,413.00
20	SIDEWALK, 5 IN. PCC	139 SY	\$75.00	\$10,425.00	\$85.00	\$11,815.00	\$106.00	\$14,734.00
21	SIDEWALK, 6 IN. PCC	103 SY	\$110.00	\$11,330.00	\$110.00	\$11,330.00	\$137.50	\$14,162.50
22	DETECTABLE WARNINGS - CAST IRON	122 SF	\$65.00	\$7,930.00	\$55.00	\$6,710.00	\$69.00	\$8,418.00
23	PATCH, FULL DEPTH, PCC	170 SY	\$120.00	\$20,400.00	\$125.00	\$21,250.00	\$156.00	\$26,520.00
24	SUBBASE, OVER-EXCAVATION	30 TON	\$70.00	\$2,100.00	\$75.00	\$2,250.00	\$94.00	\$2,820.00
25	CRACK AND JOINT CLEANING AND FILLING, HOT POUR	10800 LF	\$1.60	\$17,280.00	\$1.50	\$16,200.00	\$1.88	\$20,304.00
26	PAVEMENT SCARIFICATION	24235 SY	\$3.50	\$84,822.50	\$2.80	\$67,858.00	\$3.40	\$82,399.00
27	PAVEMENT REMOVAL	888 SY	\$25.00	\$22,200.00	\$20.00	\$17,760.00	\$25.00	\$22,200.00
28	HAWK TRAFFIC SIGNAL, COMPLETE	1 LS	\$100,000.00	\$100,000.00	\$90,000.00	\$90,000.00	\$116,300.00	\$116,300.00
29	TRAFFIC SIGNAL LOOP DETECTOR, 6'X20'	11 EACH	\$2,500.00	\$27,500.00	\$1,500.00	\$16,500.00	\$2,400.00	\$26,400.00
30	TRAFFIC SIGNAL LOOP DETECTOR, BICYCLE QUADRUPOLE, 6'X8'	2 EACH	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$2,400.00	\$4,800.00
31	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	448.75 STA	\$40.00	\$17,950.00	\$60.00	\$26,925.00	\$53.00	\$23,783.75
32	PAINTED PAVEMENT MARKINGS, EPOXY	9.48 STA	\$900.00	\$8,532.00	\$800.00	\$7,584.00	\$750.00	\$7,110.00
33	PAINTED SYMBOLS AND LEGENDS, SOLVENT/WATERBORNE	84 EACH	\$200.00	\$16,800.00	\$140.00	\$11,760.00	\$130.00	\$10,920.00
34	GROOVES CUT FOR PAVEMENT MARKINGS	9.48 STA	\$200.00	\$1,896.00	\$300.00	\$2,844.00	\$271.00	\$2,569.08
35	TEMPORARY TRAFFIC CONTROL	1 LS	\$35,000.00	\$35,000.00	\$45,000.00	\$45,000.00	\$41,500.00	\$41,500.00
36	TYPE A TRAFFIC SIGNS, SHEET ALUMINUM	223 SF	\$60.00	\$13,380.00	\$35.00	\$7,805.00	\$29.00	\$6,467.00
37	SIGNPOST, PERFORATED SQUARE, STEEL TUBE POST, 1-3/4 IN.	259.00 LF	\$30.00	\$7,770.00	\$35.00	\$9,065.00	\$29.00	\$7,511.00
38	SIGNPOST ANCHOR, PERFORATED SQUARE, STEEL TUBE POST	30 EACH	\$100.00	\$3,000.00	\$85.00	\$2,550.00	\$71.00	\$2,130.00
39	REMOVE AND SALVAGE TRAFFIC SIGN	39 EACH	\$125.00	\$4,875.00	\$225.00	\$8,775.00	\$206.00	\$8,034.00
40	REMOVE TRAFFIC SIGNPOST	10 EACH	\$100.00	\$1,000.00	\$350.00	\$3,500.00	\$295.00	\$2,950.00
41	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING	0.1 AC	\$10,000.00	\$1,000.00	\$25,000.00	\$2,500.00	\$19,950.00	\$1,995.00
42	SOD	85 SQ	\$120.00	\$10,200.00	\$165.00	\$14,025.00	\$145.00	\$12,325.00
43	MOBILIZATION	1 LS	\$82,678.50	\$82,678.50	\$90,500.00	\$90,500.00	\$75,000.00	\$75,000.00
44	FLAGGER, CERTIFIED	30 DAY	\$450.00	\$13,500.00	\$575.00	\$17,250.00	\$770.00	\$23,100.00
<b>TOTAL CONSTRUCTION COST</b>				\$1,100,000.00		\$1,086,561.00		\$1,190,627.33
PERCENT OF ENGINEER'S ESTIMATE						-1.22%		+8.24%