

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL | |
|--|-----------|
| OMB Number: | 3235-0287 |
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| | | |
|--|---|---|
| 1. Name and Address of Reporting Person* <u>Royer James R</u> (Last) (First) (Middle) <u>C/O AECOM TECHNOLOGY CORPORATION</u> <u>555 S. FLOWER STREET, SUITE 3700</u> (Street) <u>LOS ANGELES CA 90071</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>AECOM TECHNOLOGY CORP [ACM]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP, Chief Operating Officer</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>12/05/2008</u> | |
| | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|----------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 12/05/2008 | | M | | 30,000 | A | \$5.455 | 204,837 | D | |
| Common Stock | 12/05/2008 | | M | | 40,000 | A | \$7.84 | 244,837 | D | |
| Common Stock | 12/05/2008 | | M | | 15,000 | A | \$9.755 | 259,837 | D | |
| Common Stock | 12/05/2008 | | S | | 700 | D | \$26.94 | 259,137 | D | |
| Common Stock | 12/05/2008 | | S | | 600 | D | \$26.935 | 258,537 | D | |
| Common Stock | 12/05/2008 | | S | | 100 | D | \$26.93 | 258,437 | D | |
| Common Stock | 12/05/2008 | | S | | 1,843 | D | \$26.92 | 256,594 | D | |
| Common Stock | 12/05/2008 | | S | | 500 | D | \$26.915 | 256,094 | D | |
| Common Stock | 12/05/2008 | | S | | 1,654 | D | \$26.91 | 254,440 | D | |
| Common Stock | 12/05/2008 | | S | | 1,400 | D | \$26.9 | 253,040 | D | |
| Common Stock | 12/05/2008 | | S | | 700 | D | \$26.89 | 252,340 | D | |
| Common Stock | 12/05/2008 | | S | | 100 | D | \$26.885 | 252,240 | D | |
| Common Stock | 12/05/2008 | | S | | 9,600 | D | \$26.88 | 242,640 | D | |
| Common Stock | 12/05/2008 | | S | | 4,698 | D | \$26.87 | 237,942 | D | |
| Common Stock | 12/05/2008 | | S | | 1,200 | D | \$26.865 | 236,742 | D | |
| Common Stock | 12/05/2008 | | S | | 3,038 | D | \$26.86 | 233,704 | D | |
| Common Stock | 12/05/2008 | | S | | 700 | D | \$26.855 | 233,004 | D | |
| Common Stock | 12/05/2008 | | S | | 2,303 | D | \$26.85 | 230,701 | D | |
| Common Stock | 12/05/2008 | | S | | 200 | D | \$26.84 | 230,501 | D | |
| Common Stock | 12/05/2008 | | S | | 450 | D | \$26.83 | 230,051 | D | |
| Common Stock | 12/05/2008 | | S | | 500 | D | \$26.82 | 229,551 | D | |
| Common Stock | 12/05/2008 | | S | | 902 | D | \$26.81 | 228,649 | D | |
| Common Stock | 12/05/2008 | | S | | 8,812 | D | \$26.8 | 219,837 | D | |
| Common Stock | 12/05/2008 | | S | | 600 | D | \$26.41 | 219,237 | D | |
| Common Stock | 12/05/2008 | | S | | 100 | D | \$26.365 | 219,137 | D | |
| Common Stock | 12/05/2008 | | S | | 1,300 | D | \$26.36 | 217,837 | D | |
| Common Stock | 12/05/2008 | | S | | 100 | D | \$26.345 | 217,737 | D | |
| Common Stock | 12/05/2008 | | S | | 1,800 | D | \$26.34 | 215,937 | D | |
| Common Stock | 12/05/2008 | | S | | 200 | D | \$26.33 | 215,737 | D | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|----------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 12/05/2008 | | s | | 800 | D | \$26.325 | 214,937 | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | |

Explanation of Responses:

Remarks:

1 of 3

/s/ David Y. Gan, Attorney-in-Fact for James R. Royer 12/09/2008

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.