Description

Subroutine ECONVT calculates the conversion factors used to convert
data from the standard Metric units to the desired units.

The conversion factors are in the form:

   value (desired units) = value (Std. Metric units) * c + d

Desired units are determined by the following table:

Type	English	Std. Metric	English	Std. Metric	English	Std. Metric
Normal units	CFS	CMS	CFSD	CMSD	ACFT	TM3
Water supply	MGD	CMS	MG	TM3	MG	TM3

   CFS = cubic feet per second
   MGD = million gallons per day
   TM3 = thousand meters cubed (the accumulated values are actually
          in CMSD)
   ACFT = acre feet
   MG   = million gallons

Conversions for units not in the table are obtained from subroutine
FCONVT.

Calling Sequence

CALL ECONVT (a,b,c,d,e)

Argument List

Argument	Input/ Output	Type	Dimension	Description
a	Input	R*4	1	Standard Metric units
b	Output	R*4	1	Desired units as defined by the ESP options
c	Output	R*4	1	Multiplication conversion factor
d	Output	R*4	1	Addition constant
e	Output	I*4	1	Error indicator: 0 = no error 1 = error occurred