



AOV - Agentur für die Verfahren und die Aufsicht im Bereich  
öffentliche Bau-, Dienstleistungs- und Lieferaufträge

ACP - Agenzia per i procedimenti e la vigilanza in materia di contratti  
pubblici di lavori, servizi e forniture

E-proc. 4 - Bereitstellung und Verwaltung der telematischen Plattform  
"Informationssystem Öffentliche Verträge" in SaaS-Modalität

e-proc4 – Servizio di fornitura e gestione in modalità SaaS della  
piattaforma telematica "Sistema Informativo Contratti Pubblici"

## An\_3.13\_ General Effort Adjustment Factor

## All\_3.13\_ General Effort Adjustment Factor

| General Effort Adjustment Factor              |              |      |         |      |           |            |                   |      |  |  |  |  |
|---|--------------|------|---------|------|-----------|------------|-------------------|------|--|--|--|--|
| Effort Adjustment Factors                     | Impact level |      |         |      |           |            |                   |      |  |  |  |  |
|   | Very Low     | Low  | Nominal | High | Very High | Extra High | Value description |      |  |  |  |  |
| RELY: Required Software Reliability           | 1,10         | 0,82 | 0,92    | 1,00 | x         | 1,10       | 1,26              |      |  |  |  | High financial loss                                    |
| CPLX: Product Complexity                      | 1,00         | 0,73 | 0,87    | x    | 1,00      | 1,17       | 1,34              | 1,74 |  |  |  | see below  |
| RUSE: Developed for Reusability               | 1,24         |      | 0,95    | 1,00 | 1,07      | 1,15       | x                 | 1,24 |  |  |  | across multiple product lines                          |
| DOCU: Documentation Match to Life-Cycle Needs | 1,00         | 0,81 | 0,91    | x    | 1,00      | 1,11       | 1,23              |      |  |  |  | right-sized to life-cycle needs                        |
| PVOL: Platform Volatility                     | 0,87         |      | x       | 0,87 | 1,00      | 1,15       | 1,30              |      |  |  |  | major change every 12 mo.;<br>minor change every 1 mo. |
| ACAP: Analyst Capability                      | 1,00         | 1,42 | 1,19    | x    | 1,00      | 0,85       | 0,71              |      |  |  |  | 55th percentile  |
| PCAP: Programmer Capability                   | 1,00         | 1,34 | 1,15    | x    | 1,00      | 0,88       | 0,76              |      |  |  |  | 55th percentile  |
| PCON: Personnel Continuity                    | 1,00         | 1,29 | 1,12    | x    | 1,00      | 0,90       | 0,81              |      |  |  |  | 12% / year   |
| APEX: Applications Experience                 | 0,81         | 1,22 | 1,10    | 1,00 | 0,88      | x          | 0,81              |      |  |  |  | 6 years  |
| PLEX: Platform Experience                     | 0,85         | 1,19 | 1,09    | 1,00 | 0,91      | x          | 0,85              |      |  |  |  | 6 years  |
| LTEX: Language and Tool Experience            | 0,84         | 1,20 | 1,09    | 1,00 | 0,91      | x          | 0,84              |      |  |  |  | 6 years  |
| TOOL: Use of Software Tools                   | 1,00         | 1,17 | 1,09    | x    | 1,00      | 0,90       | 0,78              |      |  |  |  | basic lifecycle tools,<br>moderately integrated        |
| SITE: Multisite Development                   | 1,00         | 1,22 | 1,09    | x    | 1,00      | 0,93       | 0,86              | 0,80 |  |  |  | multi-city oer multi-company                           |
| SCED: Required Development Schedule           | 1,00         | 1,43 | 1,14    | x    | 1,00      | 1,00       | 1,00              |      |  |  |  | 100% of nominal  |
| Saving due to reuse 0%                        |              |      |         |      |           |            |                   |      |  |  |  |  |
| TOTAL GEAF 0,69                               |              |      |         |      |           |            |                   |      |  |  |  |  |

| CPLX: Component Complexity Rating Levels   |   |   |  |                                      |
|--|---|---|--|--------------------------------------|
| Control Operations   | Computational Operations  | Device-dependent Operations   | Data Management Operations   | User Interface Management Operations |
| Mostly simple nesting. Some intermodule control. Decision Tables. Simple callbacks or message passing, including middleware-supported distributed processing | Use of standard math and statistical routines. Basic matrix/vector operations | I/O processing includes device selection, status checking and error processing. | Multi-file input and single file output. Simple structural changes, simple edits. Complex COTS-DB queries, | Simple use of widget set             |

Values based on COCOMO II 2000 Calibrated Post-Architecture Model Values