

August 4, 1983

ESPRIT - PILOT PROJECTS

The European Commission has announced the contracts for the Esprit Pilot Project phase (Information Technologies). These are subject to final negotiation.

Advance notice of this programme was given in October 1982 within the following areas:

Advanced Microelectronics
Software Technology
Advanced Information Processing
Office Automation
Computer Integrated Manufacturing (CIM)
Information Exchange System.

The programme provides for funding of up to 50 per cent of the first year cost of the projects and has a total budget of 11.5m ECU (approx. £6.5m).

The Commission contacted over 2500 organisations and over 200 submissions were received by the deadline of February 21 1983.

Following evaluation, 36 projects have been selected, and a number of proposals have been recommended for re-submission to the Esprit main programme.

In addition, two projects have been selected for the Information Exchange System in order to establish the infrastructure which will enable geographically separated participants to have data access and file transfer capabilities. Additional funds have been made available for this.

The Information Exchange System will also provide low cost access to documentary information about Esprit for outside bodies and ensure fast communication between the Commission and the project teams.

The main Esprit programme, with a proposed budget of 748m ECU (approx. £426m) over 5 years, will again be considered by the Council of Ministers on October 6.

The following is a list of the successful tenders for the pilot project phase UK participants are listed for 21 of the 36 projects.

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ESPRI t Phase - List of Projects

Proposers	Country	Title
1. NAT Microelec Res Cntr Stability Electr Comp Brit Aerospace Dynamics B.P.A. Ltd	IRL IRL UK UK	Interconnection of high pincount Integrated circuits
2. Plessey, GEC Thomson-CSF Telefunken Elek Newcastle Uni Southampton Uni Montpellier Uni	UK F D UK UK F	Advanced interconnect for VLSI
3. GEC, Plessey CII-HB AEG, Uni Berlin	UK F D	High level cad design system for integrated layout and design
4. Philips Siemens	N D	Description language for VLSI
5. B.T.M.C. EFCIS Kath. Uni Leuven	B F B	A compiler for advanced parallel signal processor
6. Kath Uni Leuven, B.T.M.C. Silvar-Lisco Philips Siemens, Ruhr Uni	B B N D	Advanced algorithms architecture and layout techniques for VLSI dedicated signal processing
7. CII-HB Siemens, Nixdorf ICL, Marconi Olivetti	F D UK I	A basis for a portable common tool environment
8. Philips Sticht Math Cntr Lab. Marcoussis Cops	N N F IRL	Formal specification and systematic programme development
9. GMD Olivetti ITALSIEL Uni Patras Siemens	D I I UK D	Personal workstation for incremental graphical specif. and formal implementation of non-seq. system
10. Siemens SDL CIT-Alcatel Philips	D UK F N	Software production and maintenance management systems
11. STC Consuldata CERCI Data Mangt	UK N F I	Software production and maintenance management system
12. CSELT AEG Telefunken GEC, Plessey Thomson-CSF	I D UK F	Advanced algorithms and architecture for signal processing
13. Knowledge-Based System Uni Amsterdam	UK N	Design of techniques and tools to aid in the analysis and design of knowledge based sys.

Proposers	Country	Title
14. Plessey, Uni Sussex CIMSA CSELT, ITALSIEL S.T. Lungso, RISO Uni Dublin	UK F I DK IRL	Knowledge information management systems
15. Siemens CII-HB Lab. Marcoussis	D F F	Knowledge information management system
16. Belgian Inst Mngmt SCS Fraunhofer Gesell. Uni Hamburg SCICON Uni Crete Cranfield Inst.	B D D UK GR UK	A logic oriented approach to knowledge and data bases supporting natural user interaction
17. Plessey DDC GMD STL	UK DK D UK	Functional analysis of office requirements
18. Lab. Marcoussis CSELT	F I	Document storage and interchange standards
19. Correlative Syst. CII-HB SOFTLAB	B F D	Multimedia user interface at the office workstation
20. INRIA, CII-HB Uni Libre Bruxelles Uni Nijmegen Inst Comp Science Crete	F B N GR	Multimedia office workstation
21. Siemens Queen Mary College Thomson Titn	D UK F	Handling of mixed text/image/voice documents based on a standard office document architect.
22. Philips Plessey, GEC CII-HB, CGE, Thomson Siemens, Nixdorf STET	N UK F D I	Standardisation of integrated lan services and service access protocols
23. Uni Liege ACEC, BTMC Stollman & Co SG2	B B D F	Broad site local wideband communication system
24. Olivetti Nixdorf	I D	Local wideband communication system; broadband docum. communic.
25. Thomson Uni Toulouse CSELT, Politec. Milano	F F I	Local wideband communication system
26. Syntax, CNR Pisa Uni Crete, MNEMONICA	I GR	Development for an experimental mixed-mode message filing syst.

	Proposers	Country	Title
27.	Plessey DDC Uni Coll. Dublin	UK DK IRL	Office filing and retrieval of unstructured information
28.	CIT-ALCATEL, CII-HB AEG, Siemens Olivetti, SELENIA GEC Philips	F D I UK N	Design rules for CIM
29.	British Leyland Sys. British Leyland Techn. Sticht Math Cntr Uni Amsterdam Trinity College	UK UK N N IRL	Design rules for CIM systems
30.	Fraunhofer Gesell. Uni Karlsruhe Uni Galway Renault	D D IRL F	Design rules for the integration of industrial robots into CIM systems
31.	Logica Ltd IFAO	UK D	Computer integrated production insula, design rules and standards
32.	AEG-Telefunken GEC	D UK	Integrated electronic sub-systems for plant automation
33.	Welding Inst. Babcock Power RWTH, Oerlikon	UK UK D	Exploitation of real-time imaging for ARC welding
34.	Siemens Olivetti Fraunhofer Gesell. COMAU, SINCON	D I D I	General purpose sensory controlled system for parts production
35.	Fraunhofer Gesell. Peripherie CS Digital Equip Aut. Thomson	D D I F	Integrated sensor-based robot system
36.	Uni Strathclyde Barr & Stroud IROE	UK UK I	Computer aided thermal image technique for real-time inspection of composite material

Information Exchange System

Projects under negotiation

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| 1. | CII-HB
GEC
ICL
Olivetti
Siemens
INRIA | F
UK
UK
I
D
F | UNIX based information-exchange system with open-system inter-connection (UBIES-OSI) |
| | Other partners to be added as required | | |
| 2. | SG2
(Prime Contractor) | F | The UNIX united aspects of information exchange system |

(36 projects - total value: 23.0 MECU

total Community financing: 11.5MECU)
