

Request for Proposal

Company D

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Version history.			
Revision	Date	Change description	Creator
1.0	2014-02-13	First draft	Christoffer Mose

1 Statement of purpose

This document describes a proposal for a subcontract between Company D (prime contractor) and Company C (subcontractor). The subcontract will specify requirements for the dismounted **COP**, which is a hardware unit.

2 About Systematic

Systematic was established in 1985. The company specializes in software and system development. It has headquarter in Aarhus and affiliated offices in Tampere, London and Washington. The customer base spans 35 countries. The company is highly recommended by its customers and more that 97% of the existing customers will recommend Systematic to other customers. Systematic has approximately 500 employees of which more than 70% hold a master or a Ph.D. degree in software development. Systematic is CMMI certified on level 5. Systematic is organized into four business areas: defence, healthcare, integration services, intelligence and national security.

3 Scope of work

The component envisioned by Company D is a black tablet device with a touch interface. The device will be used as a hand held device for presenting a Common Operation Picture. The Common Operation Picture enables **the commander** to achieve an overview of a crisis situation. The Common Operations Picture also enables communication between the commander and various actors. (E.g. fire departments, hospitals, etc.)

The scope of this project concerns development, production and maintenance of a hardware solution with the requirements defined in **paragraph 5**. It is expected that the solution **may** require commercially available terminals, middleware and protocols.

4 Document Baseline

This document is written using documents **"System Requirement Specification 2014-01-02-04"** and **"Preliminary Design Description 2014-03-01-01"**

5 Requirements

This paragraph specifies the nonfunctional requirements for the hardware unit. It also states the expected price for the unit along with the expected development cost. The paragraph also states the expected total time from project start to production start.

5.1 Nonfunctional requirements for the Dismounted COP

NFR33	The dismounted COP shall be hand-held
NFR34	The device shall be controllable with gloves.
NFR35	The device shall run Window 8.1
NFR36	The device shall have 64 GB for storage.
NFR37	The device shall have 4 GB RAM.
NFR38	The device shall have 8 hours battery time in normal use.
NFR39	The device shall have Micro-USB port.
NFR40	The device shall have 3G connection.
NFR41	The device shall have 2 GHz Dual Core
NFR42	The device shall have the dimensions 241 × 186 × 11 mm
NFR43	The device shall weight less than 1000 g.
NFR44	The size of the display shall be 10".
NFR45	The device shall be covered by a 2 year warranty.
NFR46	The device shall be CE marked.

5.2 Price requirements

The expected price pr. unit is 10,000.00 DKK. And the total development cost must not be higher than 1,100,000.00 DKK.

5.3 Time requirement

The time from project start to production is expected to be no more than 8 months.

6 Evaluation criteria and award process

This paragraph outlines the general procedures, criteria, and priorities used to evaluate and rank proposals, and to make the final selection decision.

6.1 Quality & Reliability

When choosing between different solutions, it is expected that quality and reliability is weighted higher than price.

6.2 Price

When choosing between different subcomponents it is expected that the cheaper solution will be chosen. This is only true when it does not violate paragraph 6.1.

7 Deliverables

This paragraph states the expected deliverables. These deliverables will ensure that component is developed according to the stated requirements.

7.1 Component Requirement Specification

The Component Requirement Specification shall mirror the stated Requirements. This document shall also be used as a contractual agreement, regarding specifications, between Company D and Company C.

7.2 Time Plan

The time plan shall state the expected time for the following milestones:

- Requirement specification phase
- Design phase
- Test phase
- Acceptance test
- Production

7.3 Detailed Component Design Description

To ensure comparability with the entire system, a detailed component design description is expected to be presented at a review meeting.

7.4 Component Test Description

The Component Test Description must state the test scenarios for all requirements.

7.5 Component Test Documentation

The Component Test Documentation serves as a documentation of the acceptance test. The document must be reviewed before production can take place.

8 Terms and Conditions

It is expected that the production must follow the rules underlying the CE marking.

9 Contacts

This paragraph states the contract information for Company D.

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