

Standard Summary Project Fiche

Project number: TR 07 02 11

1. Basic Information

1.1 CRIS Number:

1.2 Title: Establishment of a market surveillance support laboratory for personal protective equipment

1.3 Sector: Internal Market

1.4 Location: Turkey, Ankara and Kocaeli

Implementing arrangements

1.5 Implementing Agency:

The Central Finance and Contracts Unit (CFCU) will be Implementing Agency and will be responsible for all procedural aspects of the tendering process, contracting matters and financial management, including payment of project activities.

The Head of the CFCU will act as Programme Authorizing Officer.

Institutional framework of the project is given in Annex 3.

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1.6 Beneficiary:

The beneficiary of the project will be the DGOHS/İSGÜM. The DGOHS is administratively responsible for ISGUM central laboratory and the Kocaeli regional laboratory. The Project Management Unit (PMU) will be composed of technical assistants and sufficient number of experts from the DGOHS/İSGÜM. The DGOHS will be responsible for providing the technical expertise needed. It will also be responsible for operating and maintaining the supplies to be provided after project completion tendering and contracting procedures concerning supplies will be realized by the CFCU according to EU rules and procedures. The owner of the asset after project completion will be the MLSS/DGOHS.

Institutional framework of the project is given in Annex 3.

1.6.1 Details of the SPO:

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1.7 Overall Cost: 1 200 000 Euro.

1.8 EU Contribution: 1 050 000 Euro.

1.9 Final Date for Contracting: 2 years after the date of signing the FA

1.10 Final Date for execution of contracts: 4 years after the date of signing the FA

1.11 Final date for disbursements: 5 years after the date of signing the FA

2. Overall Objective and Project Purpose

2.1 Overall Objective:

The overall objective of the project is to contribute to the implementation of the EU *acquis communautaire* in the area of internal market, specifically focusing on the effective functioning of market surveillance support laboratories.

2.2 Project Purpose:

Strengthening of the national system of market surveillance support laboratories in the PPE SECTOR, ensuring that they are equipped and capable autonomously to carry out the relevant testing services related to market surveillance and thus providing the compliant PPE in the market with the PPE Directive.

2.3 Link with Accession Partnership (AP) and National Programme for the Adoption of the Acquis (NPAA) Priority:

AP Priority

A short-term priority under the free movement of goods heading of the Accession Partnership (AP) 2006 in terms of completing the removal of technical and administrative barriers to trade, ensuring effective in-market control and free

movement of goods, ensuring implementation of certification and conformity assessment and CE marking in compliance with the new and global approach directives, reinforcing existing market surveillance and conformity-assessment structures with equipment and training and creating compatible administrative infrastructure.

NPAA Priority

The National Programme for the Adoption of the *Acquis* (NPAA) 2003 gives the establishment and functioning of conformity assessment and market surveillance structures as a short-term priority. The completion and operation of the whole system together with the required infrastructure is a medium-term priority.

2.4 Link with Multi-annual Indicative Planning Document (MIPD)

In accordance with MIPD, Institution Building support may be provided in the Free Movement of Goods areas of the *acquis*. In this scope, Institution Building support will be provided principally through technical assistance, supplemented by supplies of equipment where appropriate in the area.

2.5 Link with National Development Plan

N/A

2.6 Link with National/Sectoral Investment Plans

A feasibility analysis carried out during the conducted Twinning Project by experts reveals that there is no accredited PPE test laboratory in Turkey and PPE tests are still in their infancy. Thus, a properly working market surveillance system for PPE could not be achieved. So, it was expressed by the Twinning experts that constructing a PPE test laboratory performing simple and basic tests of PPE which are produced in Turkey or used against high risky occupations is compulsory for the Ministry. As a result, by contributing from IPA 2007 a PPE test laboratory can be set up and a well performing market surveillance system for PPE will be established in Turkey and PPE test sector of Turkey will be improved.

3. Description of the Project

3.1 Background and justification:

Together with the conclusions of the Helsinki European Council in December 1999 recognized Turkey as a candidate for membership to the European Union. As a candidate country, Turkey has to approximate the whole body of EU legislation known as the *acquis communautaire*. For the approximation of legislation in the area of Free Movement of Goods, Turkey has a head start due to the existence, since 1996, of the Customs Union between Turkey and the EU. According to Decision 1/95 of the EC-Turkey Association Council, completing the Customs Union, Turkey had to finalize, before the end of 2000, the harmonization of its technical legislation, in areas of direct relevance to the Customs Union.

According to the Association Council Decisions n° 1/95 and 2/97, a Framework Law relating to the preparation and implementation of the technical legislation regarding products has entered into force on 11 January 2002. The Law was adopted by the Parliament on 29.06.2001 and published in the Official Gazette on 11 July 2001. This Framework Law establishes the legal basis for full harmonization with the EC legislation, and it lays down the basic principles for product safety and the implementation of Old and New Approach Directives. It sets out the conditions of the placing on the market of the products, the liabilities of the producers and distributors, the conformity assessment bodies, notified bodies, market surveillance and inspection, the prohibition of the placing on the market of certain products, the withdrawal and destruction of the marketed products as well as the notifications relating to these arrangements.

The main responsibility of the adoption and implementation of the Community acquis in the field of health and safety at work lies on the Ministry of Labor and Social Security (MLSS). The MLSS is also the authorized body for PPE in Turkey. Since its mandate and responsibilities, in accordance with the regulation on PPE, the MLSS is the key actor for the market surveillance of PPE; it is responsible for the adoption and

implementation of the *acquis* and is in charge of market surveillance of PPE in Turkey.

In line with the Regulation on the market surveillance and inspection for the Ministry of Labor and Social Security (MLSS) (Published in the Official Gazette with date 28.12.2004 and number 25684), MS of the PPE is carried out by the Directorate General of Occupational Health and Safety (DGOHS) of MLSS.

EU funded project, ISAG “Upgrading Occupational Health and Safety”, was implemented by the DGOHS and completed in 2006. The project provided improved the capacity of the DGOHS and İSGÜM in the area of Occupational Health and Safety.

The İSGÜM (Central Directorate of Occupational Health and Safety Centre) is a sub-unit and central laboratory of the DGOHS. The İSGÜM also carries out market surveillance of PPE and gives expertise and testing services. The İSGÜM has a central laboratory in Ankara and six regional laboratories in İstanbul, İzmir, Adana, Zonguldak, Kocaeli and Kayseri.

Buildings of İSGÜM laboratories in Ankara and Kocaeli were re-constructed with ISAG project by considering the international laboratory standards. PPE test laboratories are planned to take place in the re-constructed buildings. Both laboratory buildings are available for installing the requested PPE test equipments.

DGOHS and İSGÜM increased their capacity on the MS of PPE and prepared the MS strategy by benefiting from the conducted **Twinning Project** named Strengthening the Capacity of Turkish Ministries for Market Surveillance in Selected Areas Component 3: Market Surveillance Support on Personal Protective Equipment (TR/2004/IB/EC/03). The aim of Twinning the Project was to contribute to the implementation of the EU *acquis communautaire* in the area of internal market, specifically focusing on the creation of a functioning market surveillance system. One of main results of the Twinning Project was the development of a detailed market surveillance strategy for PPE. The strategy defines the key elements of market surveillance of PPE in Turkey. In this document organizational structure was

established and PPE testing activities were defined as a task of İSGÜM. The Twinning Project included also training of administrators, training of inspectors, technical assistance to the laboratories, comparison of legislation, advice on use of PR and Communication, other practical advice, study visits and internships. Additionally, 5 PPE experts from İSGÜM were taken basic training about PPE tests in Finland with an internship for two weeks in the content of the Twinning Project.

By the Twinning Project, technical specifications of the PPE laboratory equipments were prepared for carrying out the most important tests of PPE from the safety point of view. Also the laboratory information system software has been prepared for the planned PPE testing laboratory of İSGÜM. In this scope, an Internet site was designed and realized. It has entry points for document management system including:

- quality manual,
- procedure instruction and work instructions,
- test module, where basic information of the tests are stored and can be retrieved for editing during the test phase.

With the database, the tailored document management module will be used also for management of the PPE test reports.

At the end of the Twinning Project, market surveillance plan was prepared for year 2007. According to this plan 70 PPE distributors will be inspected within 2007. Also PPE used in the workplaces are started to be inspected by the labor inspectors inside of their Occupational Health and Safety inspections program. It is expected to inspect more than 500 PPE distributors in 2010 by DGOHS. Also when the inspections in the workplaces and in the PPE fair are taken into account, nearly 10,000 PPE will be examined in 2010. Thus, a testing facility is strictly required for the MLSS.

According to the data of the Turkish Statistics Institute, the market of the PPE sector (except monetary value of private sector production which can not be obtained) in Turkey is around 63 million Euros per year, including 50 million Euros for imports, 6 million Euros for exports and 7 million Euros for produced and consumed inside. PPE for which notified body is required (category II and category III), has a market share of 8 million Euros.

An important part of the Personal Protective Equipment, placed in the market, are produced in SMEs which are in shortage of capital and lack of technical knowledge. Therefore, to prevent the negative effect of the situation, functioning market surveillance is needed. To carry out effective market surveillance, The Ministry will need supplementary testing facilities.

3.1.1 PPE Testing Laboratory for Supporting Market Surveillance

Initial PPE testing

The PPE Directive is among all the EU New Approach Directives an exception, which demands a strong involvement of the third parties during the Conformity Assessment phase, including testing. In most cases (Categories II and III), the manufacturer must use services of a Notified Body in the EC type-examination before giving the EC Declaration of Conformity and affixing the CE marking, so all the complicated PPE ought to be tested before marketing.

If there are any shortcomings in testing, it is the manufacturer who is responsible for the testing and market surveillance authorities demand the test results from the manufacturer.

PPE testing in the market surveillance

The testing services needed in the market surveillance of PPE are estimated on the basis of the information collected from EU member states, interviews of the different stakeholders and discussions during the conducted twinning Project.

The re-testing of PPE is needed when a risky PPE is found in the market surveillance which is organized in the PPE sellers, producers, importers, and fairs. Additionally, testing will be applied to PPE when complaints are taken from the end users. If PPE used does not satisfy the necessary protection in the occupational accidents and diseases investigation, testing activities will also be necessary.

During the conducted Twinning Project, it was concluded by the RTA of the project that the PPE tests are in its infancy in Turkey and current private and public laboratories of PPE tests in Turkey are not adequate for carrying out the tests of Market Surveillance.

In this scope, a PPE test laboratory including necessary testing equipments and supporting devices are needed for the effective MS system. Since the Twinning Project on supporting the MS had been completed, MS activities by the DGOHS personal has been started at the end of year 2005 and İSGÜM were started at the beginning of year 2007, the PPE testing laboratory of MS is to be taken into consideration inside of the EU financing program of 2007.

At the end of the Twinning Project, it has been decided that some carefully selected tests of PPE will be carried out in the İSGÜM laboratories to support the MS activities. These carefully selected tests are the tests of PPE which are mainly produced in Turkey and have bigger usage rate than the others.

These carefully selected tests of PPE include the followings;

Falls from a height: Pulling and Breaking tests

Safety Footwear: Tear and Penetration tests, Antistatic Resistance test, Impact test, shock resistance test

Helmets: Impact and Penetration tests

Goggles and Sunglasses: Impact test (for flying particles goggles)

Hand and Arm Protection, Protective Clothing: Tear and Penetration tests, Heat and Fire Protection tests, High Visibility Test, Abrasion Test

The selection of the tests has been also based on the following criteria:

- importance of the protection and levels of hazard,
- economic importance and volume of sale of PPE in Turkey,
- reliability, repeatability and uncertainty of tests,
- suitability of the tests in the premises and activities of İSGÜM,
- feasibility of the test (costs, complexity, special laboratories, calibrations etc.).

In this scope, falls from a height tests will be done in Kocaeli Laboratory. Other tests of helmets, goggles, hand and arm protection, protective clothing, and safety footwear will be done in the central laboratories of İSGÜM in Ankara.

The other tests of PPE needed in MS will be accomplished by using testing services in other public and private laboratories in Turkey if it is possible. Otherwise, testing services in EU member states can be used for other tests.

The testing laboratory of İSGÜM will be developed and can be used in the market surveillance. The prerequisite is that the activity fulfils the requirements for the accreditation. The other requirements are preparation of the testing manual, quality manual and training of the technical personnel of İSGÜM concerning testing equipment and their calibration.

3.2 Assessment of project impact, catalytic effect, sustainability and cross border impact:

The owner of the DGOHS and İSGÜM, the MLSS will be in charge to assure future financing, running, and maintaining the PPE testing laboratory. Maintenance of the equipment, in particular the cost for spare parts and supplies will be financed by the MLSS. Revolving fund of DGOHS/İSGÜM, which is gained by OHS trainings and workplace OHS analyses, constitutes the budgeted of the MLSS for financing the costs of the laboratory. Additionally, MLSS have capable human resources to sustain the project. 30 technical personnel from the engineering disciplines in İSGÜM Ankara central and Kocaeli regional laboratory, which were recruited within past 2 years, will take place for carrying out the project and the laboratory activities.

DGOHS as beneficiary has the authority in the sector and will ensure the sustainability of the project.

The financial assistance to be provided by the EU will have a catalytic effect in the implementation of the regulation of PPE. If EU financial assistance is not provided, such investment can only take place at a much later stage due to budgetary restrictions of the MLSS.

After the implementation of this project, the PPE testing laboratory of İSGÜM will be an international accredited laboratory that may support to the activities of European Conformity Assessment Bodies of PPE.

3.3 Results and measurable indicators:

Results of the component 1

- 1- Fully operational PPE testing laboratory at ISGUM Ankara and Kocaeli with trained human resource on the usage of the testing equipment.

All required PPE laboratory equipment will be delivered and installed and operational at Ankara and Kocaeli ISGUM laboratory on January 2009. 12 personal from ISGUM Ankara and Kocaeli laboratory will be trained for using the PPE testing equipment during the installation.

Results of the component 2

- 1- Trained human resource of fully operational PPE testing laboratory at ISGUM Ankara and Kocaeli on the tests methods of PPE in accordance with the European Standards.

Within engineering disciplines, 10 personnel from Ankara central and 2 personnel from Kocaeli regional laboratory will be ready for conducting the tests by May 2009.

- 2- Fully operational PPE test laboratories in Ankara and Kocaeli became ready to be accredited in accordance with the TS EN ISO IEC / 17025.

Functioning PPE test laboratories in Ankara and Kocaeli will be ready to apply for the accreditation by 2010 through completion of the following documentations: Quality Manual and work instructions and procedures for the PPE tests to be made in the laboratory.

3.4 Activities:

Activities of the Component 1

Following activities are expected within the supply contract*:

1. The following laboratory equipments are supplied for PPE test laboratory:

- 1.1 Laboratory desks for the testing equipment,
- 1.2 Sample PPE storing units,
- 1.3 Necessary laboratory safety equipment for the PPE laboratory staff,
- 1.4 Room conditioning equipment for the tests,
- 1.5 Sample PPE aging equipment for the tests,
- 1.6 Laboratory computers and printers,
- 1.7 Pretreatment equipment, tensile testing machine and other testing support equipment,
- 1.8 Testing equipments for the Safety Shoes (foot and leg protection),
- 1.9 Testing equipments for the Protective Clothing (hand and arm protection),
- 1.10 Testing equipments for the Safety Helmets (head protection),
- 1.11 Testing equipments for the Eye Protectors,
- 1.12 Testing equipments for the fall from height test (in Kocaeli regional laboratory).

2. 10 Personnel from İSGUM Ankara and 2 personnel from İSGUM Kocaeli are trained for the simple usage of the supplied testing equipment (All personnel from engineering disciplines).

*As regards to the supply contract, PPF framework contract is planned for carrying out the market study by an expert under SEI Project.

Activities of the Component 2

Technical assistance is generally required for increasing the technical knowledge of the PPE testing experts from the DGOHS/İSGÜM central and İSGÜM Kocaeli Regional Laboratory about the PPE tests. In this scope, following tasks are required within the service contract:

- 1 Up to 10 personnel from Ankara İSGÜM and 2 personnel from Kocaeli İSGÜM laboratory from engineering disciplines will be trained on methods of the PPE tests

to be made in İSGÜM central and Kocaeli regional laboratory by at most 20+20 day-long internships. The internships will be carried out in the EU Member States' accredited PPE test laboratories. The internships will include the practical training of the test methods from sample storing to report preparation.

- 2 After the installation of the equipments of the PPE test laboratories, up to 12 personnel from engineering disciplines from İSGÜM central and Kocaeli regional laboratory will be theoretically and practically trained on the testing of PPE in accordance with the related European Standards by conducting workshops. In this scope at least 10 5-day workshops are carried out in Ankara central and Kocaeli laboratories.
- 3 Documents required by the accreditation of the laboratory will be prepared by 12 personnel from İSGÜM central and Kocaeli regional laboratory with consulting the experts from EU member states by conducting at least 10 workshops each of them up to 5-day long at the constructed laboratories in Ankara and Kocaeli.

3.5 Conditionality and Sequencing:

The preparation of the methodologies of the tests should be started just after the beginning of the supplying process of PPE testing equipment. Thus, accreditation process of the PPE testing laboratory will be accelerated.

3.6 Linked Activities:

There is not any ongoing project concerning PPE with other international organizations.

3.7 Lessons Learned

Although the ISAG project included the supply of the equipment of workplace environment analysis, it brought some lessons to be learned. The supply tendering process of the previous project (ISAG) shows that the process should start in the early stages to avoid the delays.

4. Indicative Budget (amounts in €)

H	TOTAL PUBLIC COST	SOURCES OF FUNDING										
		EU CONTRIBUTION				NATIONAL PUBLIC CONTRIBUTION						PRIVATE
		Total	% *	IB	INV	Total	Type of cofinancing (J/P)**	% *	Central	Regional	IFIs	
HActivity 1												
Hcontract 1	600.000	450.000	75		450.000	150.000		25	150.000			
HActivity 2												
Hcontract 2	600.000	600.000	100	600.000								
HTOTAL	1.200.000	1.050.000		600.000	450.000	150.000			150.000			

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5. Indicative Implementation Schedule:

Contracts	Start of Tendering	Signature of contract	Contract Completion *
Contract 1 Supply	Quarter-4 2007	Quarter-2 2008	Quarter-1 2009
Contract 2 Service	Quarter-1 2008	Quarter-2 2008	Quarter-2 2009

* Contract completion is the date for final disbursement under the contract. The project is to be completed within 1 year.

COMPONENT	2007			2008												2009								
			D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
				1st quarter			2nd quarter			3rd quarter			4th quarter			1st quarter			2nd quarter			3rd quarter		
Contract 1- Supply				C	C	C	C	C	I	I	I	I	I	I	I	I								
Contract 2 – Service					C	C	C	C	I	I	I	I	I	I	I	I	I	I	I					

C: Tendering and Contracting

I: Implementation and payments

6. Cross Cutting Issues

6.1 Equal Opportunity

Equal participation of women and men will be secured through appropriate information and publicity material, in the design of projects and access to the opportunities they offer. An appropriate men/women balance will be sought on all the managing bodies and activities of the programme and its projects.

6.2 Environment

No negative effect on the environment.

6.3 Minority and vulnerable groups

According to the Turkish Constitutional System, the word minorities encompass only groups of persons defined and recognized as such on the basis of multilateral or bilateral instruments to which Turkey is a party. The project will apply the policy of equal opportunities for all groups including vulnerable groups

PPE testing laboratory to be equipped will present the opportunity to work for the disabled persons. Laboratory buildings and environment, which were upgraded by the conducted ISAG project, is suitable also for the disabled persons. İSGÜM Ankara laboratory incorporates ramps for the wheel-chairs and elevators which satisfies the entrance of the wheel-chairs.

ANNEXES TO THE PROJECT FICHE

ANNEX 1: LOGICAL FRAMEWORK MATRIX

ANNEX 2: CONTRACTED AND DISBURSED BY QUARTER (Amounts in Euro)

ANNEX 3: INSTITUTIONAL FRAMEWORK

ANNEX 4: REFERENCE LIST OF RELEVANT LAWS AND REGULATIONS

ANNEX 5: DETAILS PER EU FUNDED CONTRACT

ANNEX 6: PRE-FEASIBILITY/FEASIBILITY STUDY FOR THE PPE TESTING LABORATORY

ANNEX 1: LOGICAL FRAMEWORK MATRIX			Programme name/ number:	
LOGFRAME PLANNING MATRIX FOR THE LABORATORY ESTABLISHMENT FOR PERSONAL PROTECTIVE EQUIPMENT (PPE) TESTS OF MARKET SURVEILLANCE (MS)			Contracting period expires : 2 years after the signature of the Financing Agreement	Disbursement period expires: 5 years after the signature of the Financing Agreement
Project Number			Budget: 1.2 M. EURO	EU contribution: 1.050 M. EURO
Overall Objective	Objectively verifiable indicators	Sources of Verification	Assumptions and Risks	
The overall objective of the project is to contribute to the implementation of the EU <i>acquis communautaire</i> in the area of internal market, specifically focusing on the effective functioning of market surveillance support laboratories.	According to market surveillance of PPE, full compliance with EU <i>acquis communautaire</i> in the area of internal market by the end of 2010 in Turkey.	The reports prepared by DGOHS and sent to the Undersecretariat of Foreign Trade at the end of every years.		
Project Purpose	Objectively verifiable indicators	Sources of Verification	Assumptions and Risks	
Strengthening of the national system of market surveillance support laboratories in the PPE SECTOR, ensuring that they are	Number of complaints on the noncompliant PPE is decreased by 10% at the end of 2010 when	Number of complaints submitted to the complaint form of web site of the Market	An effective working complaint system for end users of the PPE.	

<p>equipped and capable autonomously to carry out the relevant testing services related to market surveillance and thus provide the PPE's supplied in the market is compliant with the PPE Directive</p>	<p>compared with the complaints of 2008.</p> <p>Number of the compliant PPE with CE mark in the market is increased by 10% at the end of 2010 when compared with the complaints of 2008 in Turkey.</p>	<p>Surveillance (MS) of PPE by end users.</p> <p>Number of noncompliant PPE acquired by the MS activities of Directorate General of the Occupational Health and Safety (DGOHS), of the Central Directorate of Occupational Health and Safety Centre (İSGÜM), Regional Laboratories of İSGÜM, and by the report of workplace inspections of labor inspectors.</p>	
<p>Results</p>	<p>Objectively verifiable indicators</p>	<p>Sources of Verification</p>	<p>Assumptions and Risks</p>

<p>Results of Component 1</p> <p>1- Fully operational PPE testing laboratory at ISGUM Ankara and Kocaeli with trained human resource on the usage of the testing equipment.</p>	<p>Component 1</p> <p>All required PPE laboratory equipment is delivered and installed and operational at Ankara and Kocaeli ISGUM laboratory on January 2009.</p> <p>12 personal from ISGUM Ankara and Kocaeli laboratory are trained for using the PPE testing equipment during the installation.</p>	<p>Component 1</p> <p>Operation date of the PPE test equipment at Ankara and Kocaeli ISGUM laboratory.</p> <p>Number of certificates, which state the sufficiency of the personnel on the usage of the PPE test equipment, given to the personnel from ISGUM Ankara and Kocaeli Laboratory.</p>	<p>Supply of the imported testing equipment will not be late due to custom delays.</p>
<p>Results of Component 2</p> <p>1- Trained human resource of fully operational PPE testing laboratory at ISGUM Ankara and Kocaeli on the tests methods of PPE in accordance with the European Standards.</p> <p>2- Functioning PPE test laboratories in Ankara and Kocaeli became ready to be accredited in accordance with the TS EN ISO IEC / 17025.</p>	<p>Component 2</p> <p>Within Engineering disciplines, 10 personnel from Ankara central and 2 personnel from Kocaeli regional laboratory are ready for conducting the tests by May 2009.</p> <p>ISGUM PPE testing laboratory will be ready to apply for the accreditation by May 2009 through completion of the following documentations: Quality Manual and Work</p>	<p>Component 2</p> <p>Sufficiency to make PPE tests and to organize test reports.</p> <p>Necessary certifications for the accreditation.</p> <p>Application for the accreditation.</p>	

	Instructions and Procedures for the PPE tests to be made in the laboratory.		
<p>Activities</p> <p>Activities of Component 1</p> <p>1. Necessary laboratory equipments are tested for PPE testing:</p> <p>1.1 Laboratory desks for the testing equipment,</p> <p>1.2 Sample PPE storing units,</p> <p>1.3 Necessary laboratory safety equipment for the PPE laboratory staff,</p> <p>1.4 Room conditioning equipment for the tests,</p> <p>1.5 Sample PPE aging equipment for the tests,</p> <p>1.6 Laboratory computers and printers,</p> <p>1.7 Pretreatment equipment,</p>	<p>Means</p> <p>Contract 1 - Supply x 1</p> <p>Contract 2 - Service x 1</p>	<p>Cost</p> <p>0.60 Million Euro</p> <p>0.80 Million Euro</p>	<p>Deliveries of the laboratory equipments are not delayed in the customs</p>

<p>tensile testing machine and other testing support equipment,</p> <p>1.8 Testing equipments for the Safety Shoes (foot and leg protection),</p> <p>1.9 Testing equipments for the Protective Clothing (hand and arm protection),</p> <p>1.10 Testing equipments for the Safety Helmets (head protection),</p> <p>1.11 Testing equipments for the Eye Protectors,</p> <p>1.12 Testing equipments for the fall from height test (in Kocaeli regional laboratory).</p> <p>2. 10 Personnel from İSGUM Ankara and 2 personnel from İSGUM Kocaeli are trained for the simple usage of the supplied testing equipment.</p> <p>Activities of Component 2</p> <p>Following tasks are required within the service contract:</p> <p>1. Up to 10 personnel from Ankara İSGÜM and 2 personnel from Kocaeli</p>			
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<p>İSGÜM laboratory from engineering disciplines will be trained on methods of the PPE tests to be made in İSGÜM central and Kocaeli regional laboratory by at most 20+20 day-long internships. The internships will be carried out in the EU Member States' accredited PPE test laboratories. The internships will include the practical training of the test methods from sample storing to report preparation.</p> <p>2. After the installation of the equipments of the PPE test laboratories, up to 12 personnel from engineering disciplines from İSGÜM central and Kocaeli regional laboratory will be theoretically and practically trained on the testing of PPE in accordance with the related European Standards by conducting workshops. In this scope at least 10 5-day workshops are carried out in Ankara central and Kocaeli laboratories.</p>			
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<p>3. Documents required by the accreditation of the laboratory will be prepared by 12 personnel from İSGÜM central and Kocaeli regional laboratory with consulting the experts from EU member states by conducting at least 10 workshops each of them up to 5-day long at the constructed laboratories in Ankara and Kocaeli.</p>			
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