

Pre-Commercial Procurement of Innovative Triage Management Systems Strengthening Resilience and Interoperability of Emergency Medical Services



Call for Tender Webinar

iProcureSecurity PCP

05 July 2022 (12:00 – 13:00 CET)











HOUSEKEEPING RULES





This session will be entirely recorded and published on the iProcureSecurity PCP website.



All participants except speakers and moderators will be **muted by default**.



Feel free to post your questions in the **chat**.



If you would like to speak, raise your hand and wait for the moderator to give you the floor.

Objectives

Introduce the iProcureSecurity PCP project and the Call for Tenders

- Introduce the PCP Tender Documents & procedures
- Dive into the submission process Innovation Procurement Platform
- Answer your questions

Presenters





Panagiota BENEKOU

Project Manager Center for Security Studies (KE.ME.A.)



Serena Bianchi

Research Project Manager SYNYO GmbH



Eleni Lianou

Attorney-at-law

Specialist in innovation procurement

Center for Security Studies (KE.ME.A.)



Agenda

1. WELCOME & INTRODUCTION	12:00 – 12:05
2. CONSORTIUM & PROJECT PRESENTATION	12:05 – 12:10
3. TENDER PROCEDURE	12:10 - 12:20
4. SUBMISSION PROCESS INNOVATION PROCUREMENT PLATFORM	12:20 – 12:25
5. Q&A	12:25 - 12:45



CONSORTIUM & PROJECT PRESENTATION



Serena Bianchi

Research Project Manager

SYNYO GmbH

Project Vision



The main goal of iProcureSecurity PCP is to improve triage scenarios through a flexible triage management system. 6.7 million Euros are made available for R&D services in this domain.



from

5 countries

Responsible for the prehospital care of over

40 million people



Procuring organisations





KENTRO MELETON ASFALEIAS (KEMEA) - GREECE *



EMPRESA PUBLICA DE EMERGENCIAS SANITARIAS (EPES) - SPAIN



SERVICIO MADRILENO DE SALUD (SERMAS) - SPAIN



OSTERREICHISCHES ROTES KREUZ (ARC) - AUSTRIA



AGENZIA REGIONALE EMERGENZA URGENZA (AREU) - ITALY



AZIENDA SANITARIA LOCALE BENEVENTO (ASLBN) - ITALY



ELLINIKOS ERYTHROS STAVROS (HRC) - GREECE



ETHINKO KENTRO AMESIS VOITHEIAS (EKAB) - GREECE



IZMIR BUYUKSEHIR BELEDIYESI (IBB) - TURKEY



from

6 countries

10
advisors

160+ EMS network members







SYNYO GmbH - AUSTRIA *



ACIL AFET AMBULANS HEKIMLERI DERNEGI (AAHD) - TURKEY



EMPIRICA TECHNOLOGY RESEARCH (EMPIRICA) - GERMANY

Complemented by an Advisory Board of international EMS experts and the wider iProcureSecurity EMS Network

Current issues with triage management



Planning and decision making

- O Lack of clarity for the head of operations on the ground and for command and control structures and dispatch centres
- Missing information on environmental conditions (traffic conditions and weather conditions)
- O No data for decision support to improve resource allocation and casualty transport



Resource allocation

- O Resource allocation is sometimes inefficient due to missing interoperability of used systems
- O An exhaustive analysis of the data generated in the incident is required, both in real time and afterwards
- Automated monitoring of already assessed casualties can free up human resources to care for other casualties.



Triage practice

- Current triage is not very flexible
- o Improvement of re-triage, i.e. monitoring of the condition and vital signs of already triaged casualties



Data transmission

O Radio messages are prone to confusion and slow



Interoperability

- Missing interoperability (missing APIs) between applied EMS systems
- Missing interoperability between all the actors participating in the emergency
- O Missing interoperability with national Electronic Health Record



Motivation



Common needs

- Quick assessment of the situation on site (e.g. number, location, status of casualties)
- Better and quicker planning onsite
- Reducing reaction time to changing situations
- Availability of data that help to make better informed decisions
- More reliable tagging of casualties
- Better interoperability with all relevant agencies in onsite/at disaster area
- Better distribution of resources at the scene
- Increase in rapid transportation of casualties (According to their status)
- Right distribution of casualties to avoid overcrowded hospitals



Innovative EMS approaches should:

- o make the EMS system interoperable and travel with the casualty
- o make the status very visible in all situations and weather conditions (night, smoke, etc.)
- allow data transfer to EMS decision makers onsite and enable hem to distribute resources and organise rapid transportation of casualties
- save data for analysis
- help during the handover process from outside to inside hospital
- allow overseeing the situation (number of casualties, location and status)

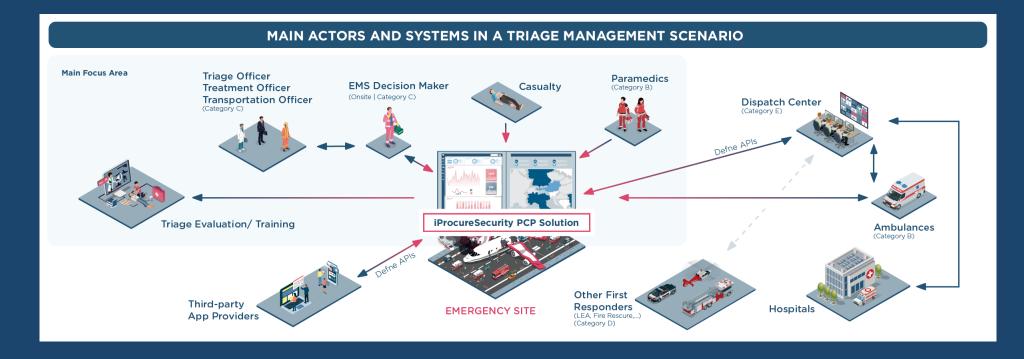


Focus on complete on-site management

... with links to further communication (e.g. EMCC) and health and care interfaces (e.g. data from triage passed on to the treatment centre / hospital)

ICT-enabled support

Solutions are expected to provide the necessary devices that work together to manage the triage process (e.g. triage tags, mobile devices)



Importance of triage management





Situation assessment Secure incident location Establish safety zones

Primary and secondary triage Setup of on-site infrastructure Continuous monitoring and treatment of victims



Transportation of victims, continuous treatment



Incident

Arrival of EMS

Handover for transportation

Handover to hospital care



What

- o Sorting of casualties into priority groups according to their needs and the available resources.
- Ensure the efficient use of available resources (e.g. personnel, supplies, equipment, transportation, medical facilities).



Why

- Low probability but high impact of events
- o Affects the extent and quality of care delivered by the EMS system.
- Reduced mortality and increases quality of life of casualties.



Trend

- o Number of natural and man-made disasters increase
- Risk drivers: climate change, urbanisation, changing security landscape, technological developments

Process

- **Pre-Commercial Procurement of R&D services**
- Phased approach, moving from design, through prototyping and testing
- Competitive process several contractors active in any given phase

Avoids lock-in – at least two solutions fully tested in the last phase



TENDER PROCEDURE



Eleni Lianou

Attorney-at-law Specialist in innovation procurement

Center for Security Studies – KEMEA
Lead Procurer

Tender Procedure



Expected timeline

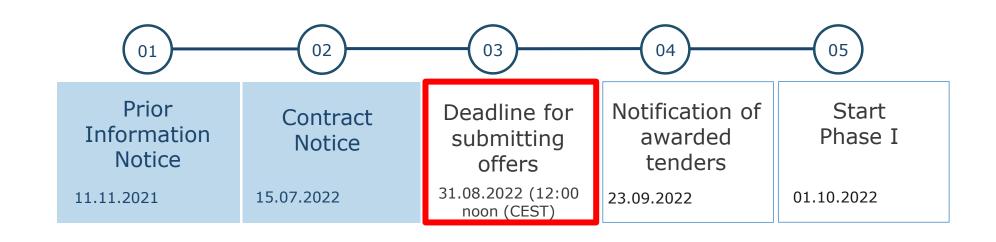


Formal aspects (ENVELOPES & COVER LETTER)



Our Roadmap

Important Deadlines





Tender Documents

Call for Tenders - Tender Document 1 (TD1) - must be read in conjunction with the other Tender Documents (TDs).

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Tender Document 1 (TD1): Call for Tender
Tender Document 1a (TD 1a): Cover Letter
Tender Document 2 (TD 2): Technical Offer
Tender Document 3 (TD 3): Financial Offer and Cost
Breakdown
Tender Document 4 (TD 4): Declaration of Honour
Tender Document 5 (TD 5): Consortia Statement
Tender Document 6 (TD 6): Subcontracting Statement
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Tender Document 7 (TD 7): Legal Capacity of the Tenderer Statement

Tender Document 8 (TD 8): Declaration of pre-existing

Tender Document 8 (TD 8): Declaration of pre-existing rights

Tender Document 9 (TD 9): Framework Agreement Tender Document 10 (TD 10): PCP Specific contract for Phase 1/2/3

Tender Document 11 (TD 11): End of Phase (1, 2, 3) report

Tender Document 12 (TD 12): Contractor details and project abstracts

And Annexes:

- Annex 1. Checklist of Tender Documents and actions
- Annex 2. Information about the Buyers' Group
- Annex 3: Challenge Brief
- Annex 4: Requirements, use cases and process models

Tender Documents

Call for Tenders - Tender Document 1 (TD1) - must be read in conjunction with the other Tender Documents (TDs).

ENVELOPE A includes TD4 – TD5 – TD6 – TD7

ENVELOPE B includes TD2 - TD8

ENVELOPE C includes TD3

COVER LETTER – to be filled, signed and sent to the Lead Procurer

TD5 is mandatory ONLY if the Tenderer is consisting of a consortium.

TD6 is mandatory ONLY if the Tenderer has subcontractors.

ENVELOPE	TD	Action to be taken by tenderer	Mandatory submission
Cover Letter	TD 1a: Cover Letter	To be filled in, signed and sent to the LP by the Tenderer. To be filled in and submitted by the Tenderer on the Innovation Procurement Platform.	YES
ENVELOPE B	TD 2: Technical Offer	To be filled in and submitted by the Tenderer on the Innovation Procurement Platform.	YES
ENVELOPE C	TD 3: Financial Offer and Cost Breakdown	To be filled in and submitted by the Tenderer on the Innovation Procurement Platform.	YES
ENVELOPE A	TD 4: Declaration ofHonour	To be filled in and submitted by Tenderer, on the Innovation Procurement Platform.	YES
ENVELOPE A	TD 5: Consortia Statement	To be filled in and submitted d by the Tendereron the Innovation Procurement Platform.	(ONLY IF THE TENDERER IS CONSISTING OF A CONSORTIUM)
ENVELOPE A	TD 6: Subcontractin gStatement	To be filled in and submitted by the Tenderer onthe Innovation Procurement Platform.	YES (ONLY IF THE TENDERER HAS SUBCONTRACTORS)
ENVELOPE A	TD 7: Legal Capacity of theTenderer Statement	To be filled in and submitted by Tenderer on the Innovation Procurement Platform.	YES
ENVELOPE B	TD 8: Declaration ofpre- existing rights	To be filled in and submitted if pre-existing rights of the Tenderer, the members of a Consortium (if applicable), the subcontractors (if applicable) and third parties (if applicable) will be part of the solution to be developed for the Prevent PCP challenge, by the Tenderer on the	YES

COVER LETTER



The Cover Letter (TD 1a) should be also sent by post and should be received by no later than the 12:00 noon (CEST) on 31-8-2022.



The Cover Letter should indicate that it relates to the dossier (R&D Services within the iProcureSecurity PCP Project) and be addressed to the Lead Procurer: *Center for Security*

Studies (KEMEA), Hellenic Ministry of Interior, 4, P. Kanellopoulou str. 10177, Athens, Greece. Att to Ms Panagiota Benekou



The Cover Letter should be delivered by one of the following ways:

- By hand at the official registry office of KEMEA at the above-mentioned address
- By registered post services with shipment notice. In such case, Tenderers should inform the Contracting Authority of the dispatch of the tender by fax or email on the same day, attaching a proof of the date of shipment, which must be before the deadline for the submission of tenders.



The Cover Letter should be signed by the Tenderer or its duly accredited representative, with the powers to bind the legal/natural person, stating the full name (or entity name) of both and identifying the tender, a telephone number and an email address for contact.

ENVELOPES

- All Tenders must be submitted in three separate and independent envelopes (A, B and C), in a way that allows the secrecy of the content of each one to be guaranteed until their formal opening.
- Envelopes are digital and will only be submitted via the Innovation Procurement Platform https://innovationprocurement.com/

ENVELOPE A

- Legal capacity and the representation of the Tenderer, all the members of the Consortium (if applicable), Subcontractors (if applicable) and Third Parties (if applicable) shall be proved by filling, signing by duly authorized person and submitting the Legal Capacity of the Tenderer Statement (TD7)
- In the case of a Joint Tender, all the members of a Consortium will have to fill in and submit the Consortia Statement (TD5)
- In the case of Subcontracting, the Subcontracting Statement (TD6) will have to be filled in and submitted.
- Compliance with the exclusion, selection and on/off award criteria the Tenderer, all the members of the Consortium (if applicable), Subcontractors (if applicable) and Third Parties (if applicable) shall fill in and submit the Declaration of Honour (TD4)

ENVELOPE B

Tenders must include a technical offer, containing:

- a technical plan that outlines: I. the Tenderer's idea for addressing all the requirements given in the PCP challenge description; II. technical details of how this would be implemented and III. a project management plan that outlines the execution and monitoring approach, including a Gantt chart. This part should clearly address all the weighted quality award criteria, namely
- 1. Contract implementation, 2. Functional Quality Criteria, 3. Non-Functional Quality Criteria,
- 4. Commercial Feasibility and 5. Evaluation of the solution and sustainability of testing.
- a draft business plan that explains the proposed approach to commercially exploit the results of the PCP and to bring a viable product or service onto the market.
- a risk assessment and risk mitigation strategy.
- a reply to the question "Does this tender involve ethical issues? (YES/NO)" and if YES, an ethics self-assessment, with explanations how the ethical issues will be addressed.
- A Declaration of pre-existing rights (background IPRs) following the template provided in TD8.

ENVELOPE C

The Tender must include a detailed financial offer specifying:

- binding unit prices for all items needed for carrying out Phase 1 and binding unit prices for items that are expected to be needed for Phases 2 and 3 (given in euros, excluding VAT but including any other taxes and duties).
- fixed total price for phase 1 and an estimated total price for Phases 2 and 3, broken down to show unit prices and the number of each unit needed to carry out Phase 1 (given in euros, excluding VAT but including any other taxes and duties).

ENVELOPE C

The Tender must include a detailed financial offer including:

- a price breakdown that shows the price for R&D services and the price for supplies of products (to demonstrate compliance with the definition of R&D in on/off award criterion A).
- a price breakdown that shows the location or country in which the different categories of activities are to be carried out (e.g., x hours of senior researchers in country L at y euro/hour; a hours of junior developers in country M at b euro/hour) (to demonstrate compliance with the requirement relating to place of performance in on/off award criterion C).
- the financial compensation valuing the benefits and risks of the allocation of ownership of the IPRs to the contractor (i.e., IPRs generated by the contractor during the PCP), by giving an absolute value for the price reduction between the price offered in the tender compared to the exclusive development price (i.e., the price that would have been quoted were IPR ownership to be transferred to the procurers

SUBMISSION PROCEDURE



Serena Bianchi

Research Project Manager

SYNYO GmbH



SUBMISSIONOF TENDRES



ELECTRONIC SUBMISSION

(VIA INNOVATION PROCUREMENT PLATFORM)

DIFFERENT ENVELOPS

(ADMINISTRATIVE) TECHNICAL FINANCIAL)

2 MONTHS

TO SUBMIT OFFERS

Deadline: 31st of August 2022 12:00 p.m. CEST

ENGLISH

AS THE OFFICIAL LANGUAGE

Innovation Procurement Platform

Registration to the platform is MANDATORY to submit offers

https://innovationprocurement.com/

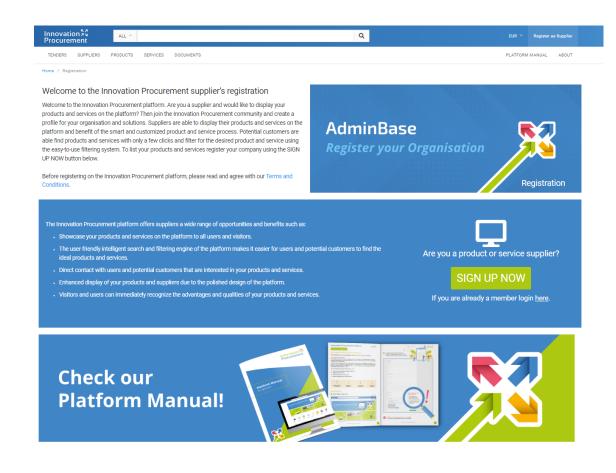
Matchmaking tool: The Innovation Procurement Platform allows you to register your organisations, showcase products and services, upload additional relevant documents, and match interests with other suppliers and/or relevant partners.

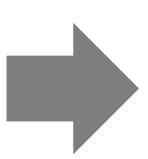
Submission tool: Additionally, the Innovation Procurement Platform allows the monitoring of different tenders, providing all the relevant information on the specific tender, as well as the automatic procedure for the tender submission and evaluation. Thus, serving as transparent, intuitive and easy-to-use tool for promoting an unbiased selection of offers.

Registration



Register to the Innovation Procurement Platform in order to (1) showcase your products and services, (2) manage your organisation profile and (3) submit Call for Tender offers



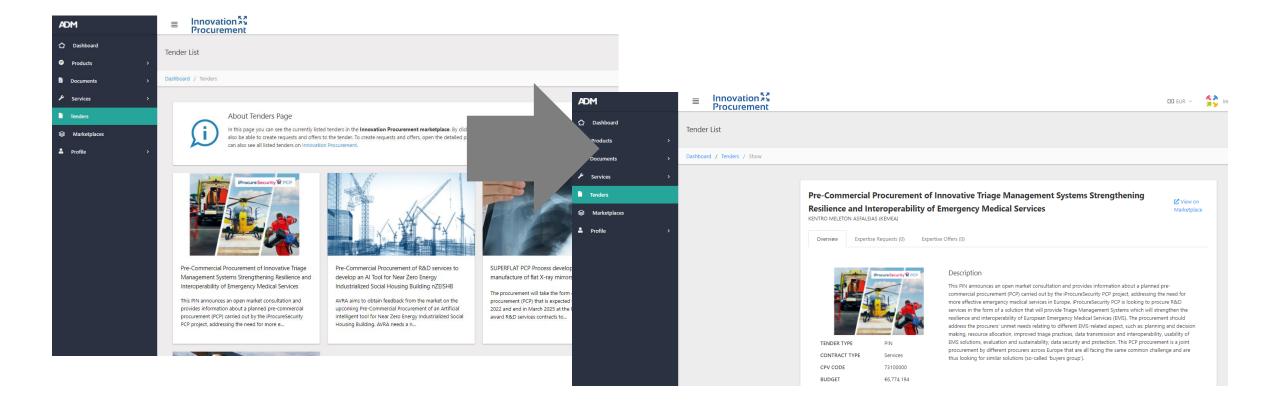


Innovation Procureme	
Login	
Email	
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Remember me	
	LOGIN

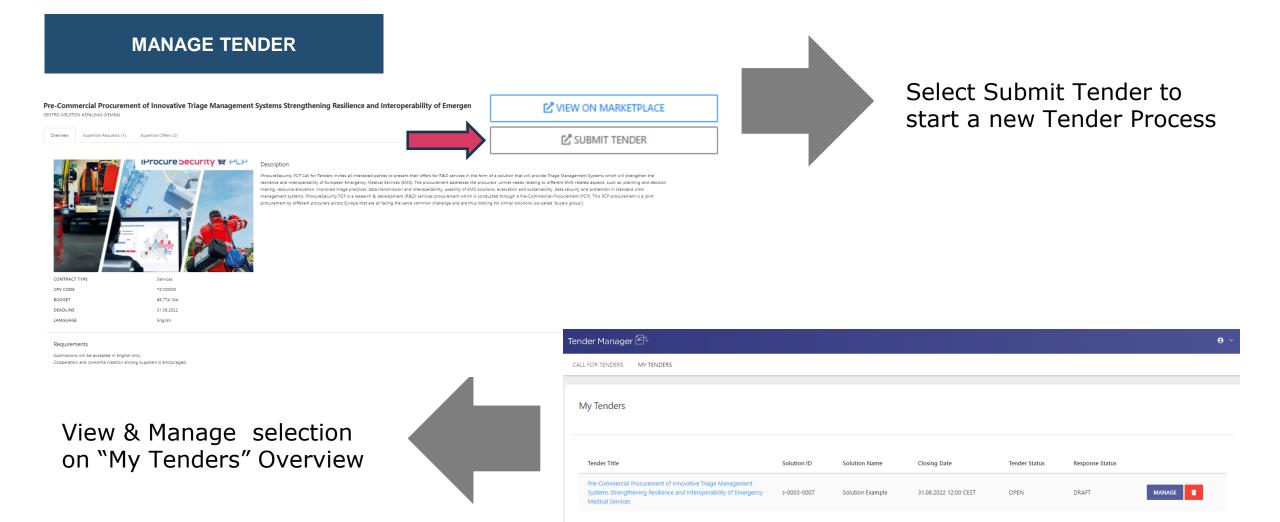
Tender Information



SEE TENDERS









PREPARE TENDER

Check the Tender Submission Overview

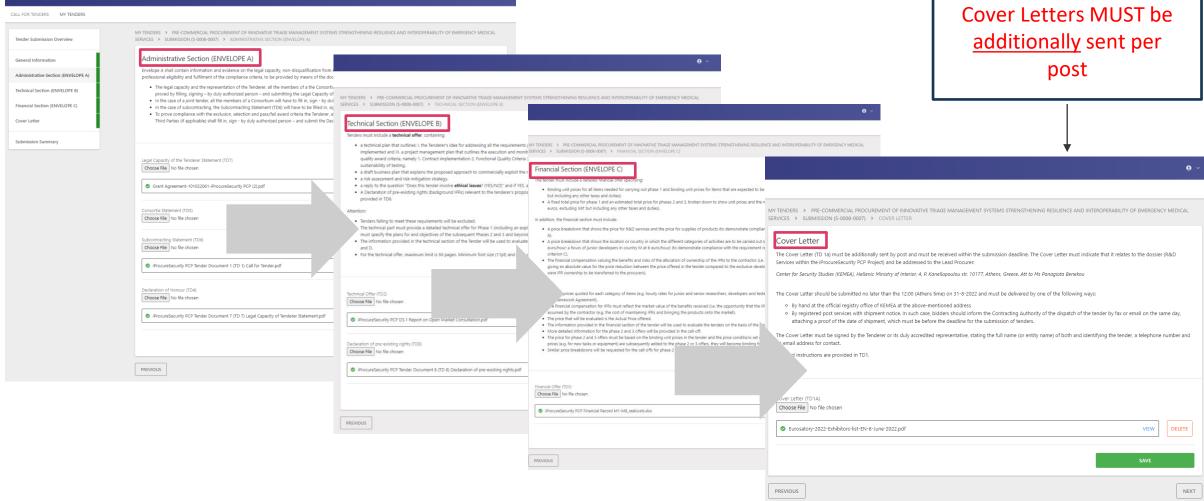


CALL FOR TENDERS MY TENDERS MY TENDERS > PRE-COMMERCIAL PROCUREMENT OF INNOVATIVE TRIAGE MANAGEMENT SYSTEMS STRENGTHENING RESILIENCE AND INTEROPERABILITY OF EMERGENCY MEDICAL SERVICES > SUBMISSION (S-0008-0007) Tender Submission Overview General Information a **Tender Submission Overview** Administrative Section (ENVELOPE A) Below an overview on main information to be submitted is provided. For further details please consult the Tender Documents. If you have questions: Check the HELPCENTER contacts. Technical Section (ENVELOPE B) Attention: Financial Section (ENVELOPE C) . In Annex 1 (TD1), a detailed explanation of the documents, actions to be taken and related envelopes can be found. . More detailed information about the final layout requirements for the Phases 2 and 3 offers will be provided in the subsequent Call-offs. • The period of validity of the Tenders is six (6) months from the deadline to submit a tender (shorter validity period is not admissible and shall conduct to the rejection of the Cover Letter • Tenders and supporting documents must be written in English or a full English translation shall be provided at no cost to the Lead Procurer. . Tenders must not be qualified or accompanied by statements or a covering letter that might be construed as rendering the tender equivocal. Unauthorized alterations or Submission Summary additions must not be made to any component of the tender documents.



UPLOAD TENDER DOCUMENTS

Upload the Tender Documents in the specific Envelops



SUBMIT TENDER

As soon as all the Tender Documents are properly uploaded, submit your tender!



Tender Manager 🚭

Tender Submission Overview

Administrative Section (ENVELOPE A)

Technical Section (ENVELOPE B)

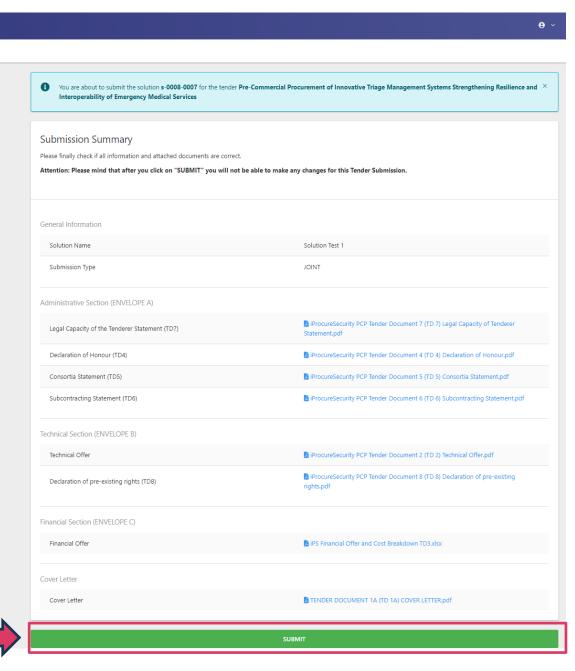
Financial Section (ENVELOPE C)

General Information

Cover Letter

Submission Summary

Offers can be submitted individually or jointly with other suppliers.





HELPCENTER

IT Support for Tender Submission

For <u>technical problems</u> with the tender submission -> <u>office@iprocuresecurity.eu</u>.

Technical questions must be sent in English <u>before 30th of August 2022 24:00 CEST</u>.

Questions/Request on the iProcureSecurity PCP Tender

persons in connection with this procurement.

For questions concerning the tender documents or the tender procedure -> <u>ipspcp-procurement@kemea-research.gr</u> before 30th of July 2022 24:00 CEST.

Additionally, feel free to consult the FAOs section on the project website: https://pcp.iprocuresecurity.eu/

4a	iditionally, feel free to consult the FAQS section on the project website: https://pcp.iprocuresecurity.eu/faq
	All questions or requests for clarification must be received in English.
	Any questions received after the 30.07.2022 will not be answered.
	Please mention iProcureSecurity PCP Procurement in the subject line of your emails.
	For each question clearly provide the correct document reference and page number.
	The summary of all questions and answers will be presented in an anonymised FAQ section on the project
	website in English: https://pcp.iprocuresecurity.eu/faq
	For Phases 2 and 3, the Q&A will not be published, but distributed to all Contractors that successfully
	completed the previous Phase.
	Unless otherwise instructed, please do not use any other contact addresses or means or contact any other

iProcure Security **№** PCP

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