

#### **Anúncio Convite**

### Aquisição ao abrigo do Decreto-lei n.º 60/2018, de 3 de agosto

(Português)

Referência (indicar na proposta): 2022-11

Entidade Adjudicante: UNINOVA – Instituto de Desenvolvimento de Novas Tecnologias PT501797173

**Projecto:** MUSEP - Multi-Mission Data Exploitation Platform

Data da Publicação: 03-10-2022

Prazo final da proposta: 3 dias úteis após a data da publicação

Objeto do contrato: Contratação de serviços de desenvolvimento de software, nas linguagens

Typescript e Python, no contexto da implementação do sistema ESA Datalabs e ESA Data Discovery Portal e do caderno de encargos do projeto MUSEP - Multi-Mission

Data Exploitation Platform.

Características Técnicas:

 Desenvolvimento de software nas linguagens Typescript e Python para o sistema ESA Datalabs e ESA Data Discovery Portal para satisfazer os seguintes

requisitos do caderno de encargos:





Issue	Description	Issue Type	
SEPPPCR-100	Adapt to new ESA Branding image	Software Change Request	
SEPPSWRQ-160		Requirement	
	The system shall allow users to search for SEPP Collections	Requirement	
	The system shall be able to redirect the user to an adequate query tool query for an	Requirement	
	information asset	. roquironioni	
SEPPSWRQ-258	The system shall be able to redirect the user to an adequate visualization tool for an information asset	Requirement	
SEPPSWRQ-259	The system shall be able to redirect the user to an adequate datalab for an information asset	Requirement	
SEPPSWRQ-267	The system shall present search results to the user using a standard faceted search interface	Requirement	
SEPPSWRQ-268	The system shall be able to filter search results using a consolidated multi-Directorate Thesaurus	Requirement	
SEPPPCR-192	Create Software User Manual	Document Change Request	
SEPPPCR-270	Crawling and indexing of GSSC assets	Software Change Request	
SEPPPCR-271	Crawling and indexing of Earth Observation (EOP) assets	Software Change Request	
SEPPSWRQ-260	Data volume catalog	Document Change Request	
SEPPSWRQ-260	Team Workspaces Implementation - UI	Software Change Request	
SEPPSWRQ-14	The system shall assign a unique persistent identifier to each information asset	Requirement	
SEPPSWRQ-250	The system shall index system collections available at the EOP directorate	Requirement	
SEPPSWRQ-251	The system shall index system collections available at the NAV directorate	Requirement	
SEPPSWRQ-260	The system shall be able to create a data volume in SEPP from an information asset	Requirement	
SEPPSWRQ-269	The system shall present search results to the user using a faceted search interface that is adaptable to the search results	Requirement	
SEPPPCR-192	Settings window in Data Discovery Portal search is not keeping state correctly	Software Problem Report	
SEPPSWRQ-263	, , ,	Requirement	
SEPPSWRQ-264	The system shall be able to sort search results by recently added	Requirement	
SEPPSWRQ-265	The system shall be able to sort search results alphabetically	Requirement	
SEPPSWRQ-260	User feedback when there is a delay (system is working)	Software Change Request	
SEPPSWRQ-119	The system shall support the definition of access policies for assets	Requirement	
SEPPSWRQ-120	An asset access policy shall be able to restrict access based on the asset type:	Requirement	
SEPPSWRQ-121	processing, information		
	An asset access policy shall be able to restrict access based on the asset visibility: registered user, public access	Requirement	
SEPPSWRQ-122	An asset access policy shall be able to restrict access based on the asset location: hierarchy, team workspace name	Requirement	
SEPPSWRQ-123	An asset access policy shall be able to restrict access based on the asset metadata: after date, until date, name regex, IPR	Requirement	
SEPPSWRQ-161	The system shall provide a users forum	Requirement	
SEPPSWRQ-164	The system shall provide an interface for users to manage their information assets metadata	Requirement	
SEPPSWRQ-195	Operations on collections with permissions shall be restricted by RBAC	Requirement	
SEPPSWRQ-256	The system shall update the catalogue of system collections periodically	Requirement	
SEPPSWRQ-34	The portal of the system shall be based on responsive design technologies in order to minimise maintainability effort for different platforms (desktop - mobile)	Requirement	
SEPPSWRQ-82	The system shall provide an interface for users to monitor their running processing tasks	Requirement	
SEPPPCR-265	Extend public metadata of ESA assets	Software Change Request	
SEPPPCR-267	Controlled vocabulary for the NAV domain	Software Change Request	
SEPPPCR-272	Crawling and indexing of Space Operations (OPS) assets	Software Change Request	
SEPPPCR-273	Crawling and indexing of HRE assets	Software Change Request	
SEPPPCR-274	Support for Big Data in Data Discovery Portal	Software Change Request	
SEPPSWRQ-188	The system shall allow users to create collections	Requirement	
SEPPSWRQ-189	The system shall allow users to share collections	Requirement	
SEPPSWRQ-253	The system shall index system collections available at the OPS directorate	Requirement	
SEPPSWRQ-255	The system shall index system collections available at the HRE directorate	Requirement	
SEPPPCR-266	Unified vocabulary for ESA assets	Software Change Request	
SEPPPCR-268	Controlled vocabulary for the OPS domain	Software Change Request	
SEPPPCR-269	Controlled vocabulary for the HRE domain	Software Change Request	
SEPPSWRQ-125	Anonymous users of a workspace shall be assigned a user role	Requirement	
SEPPSWRQ-190	The system shall allow users to access the results of a query via a filesystem interface	Requirement	
SEPPSWRQ-260	Extensions in esado to support data volume's use case "Add from catalogue"	Software Change Request	
SEPPPCR-288	Update tests to be more robust to portal updates	Software Change Request	

- Participação nas reuniões de projeto
- Elaboração de relatórios técnicos do projeto

# Critério de Adjudicação:

Critério da proposta economicamente mais vantajosa na modalidade monofactor: preço.

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Critério de desempate: Nos termos da alínea c), do n.º 5 do artigo 74.º do CCP, em caso de empate, o

sorteio, a desenrolar presencialmente com o júri do concurso e com os

interessados, em data, hora e local a comunicar com a antecedência mínima de três

dias, do qual será lavrada ata por todos os presentes.

Preço base (sem IVA): 8577,5 euros (Sem IVA, 320 horas no total)

Condições de pagamento: Pagamento mensal correspondente a um horário de 40 horas semanais, mediante

apresentação de fatura

Enviar proposta para: <a href="mailto:compras@uninova.pt">compras@uninova.pt</a> e ap@uninova.pt

Responsável pela avaliação de propostas: Alfredo Pereira

Gestor do Contrato: Alfredo Pereira

Audiência prévia: 3 dias úteis após data notificação da proposta de adjudicação

ANEXOS N/A



### **Invitation Announcement**

# Acquisition under Decree-Law n.º 60/2018, of 3 de August

(English)

Reference (indicate in the proposal): 2022-11

Contracting Authority: UNINOVA – Instituto de Desenvolvimento de Novas Tecnologias PT501797173

**Project:** MUSEP - Multi-Mission Data Exploitation Platform

Publication Date: 03-10-2022

**Proposal Deadline:** 3 business days after the publication date

**Subject of the contract:** Hiring of software development services, in Typescript and Python, in the context of

developing the system ESA Datalabs and ESA Data Discovery Portal and the requirements for the project MUSEP - Multi-Mission Data Exploitation Platform.





## **Technical Characteristics:**

 Software development, using Typescript and Python, for the system ESA Datalabs and ESA Data Discovery Portal, and to fulfill the following requirements:





Issue	Description	Issue Type	
SEPPPCR-100	Adapt to new ESA Branding image	Software Change Request	
SEPPSWRQ-160	The system shall provide a section of Frequently Asked Questions	Requirement	
SEPPSWRQ-193	The system shall allow users to search for SEPP Collections	Requirement	
SEPPSWRQ-257	The system shall be able to redirect the user to an adequate query tool query for an	Requirement	
	information asset		
SEPPSWRQ-258	· '	Requirement	
	information asset		
SEPPSWRQ-259	The system shall be able to redirect the user to an adequate datalab for an information	Requirement	
SEPPSWRQ-267	asset The system shall present search results to the user using a standard faceted search	Requirement	
SEFFSWKQ-201	interface	Requirement	
SEPPSWRQ-268	The system shall be able to filter search results using a consolidated multi-Directorate	Requirement	
	Thesaurus		
SEPPPCR-192	Create Software User Manual	Document Change Request	
SEPPPCR-270	Crawling and indexing of GSSC assets	Software Change Request	
SEPPPCR-271	Crawling and indexing of Earth Observation (EOP) assets	Software Change Request	
SEPPSWRQ-260	Data volume catalog	Document Change Request	
SEPPSWRQ-260	Team Workspaces Implementation - UI	Software Change Request	
SEPPSWRQ-14	The system shall assign a unique persistent identifier to each information asset	Requirement	
SEPPSWRQ-250	The system shall index system collections available at the EOP directorate	Requirement	
SEPPSWRQ-251	The system shall index system collections available at the NAV directorate	Requirement	
SEPPSWRQ-260	The system shall be able to create a data volume in SEPP from an information asset	Requirement	
SEPPSWRQ-269	The system shall present search results to the user using a faceted search interface that	Requirement	
	is adaptable to the search results		
SEPPPCR-192	Settings window in Data Discovery Portal search is not keeping state correctly	Software Problem Report	
SEPPSWRQ-263	The system shall be able to sort search results by relevance	Requirement	
SEPPSWRQ-264	The system shall be able to sort search results by recently added	Requirement	
	The system shall be able to sort search results alphabetically	Requirement	
SEPPSWRQ-260	User feedback when there is a delay (system is working)	Software Change Request	
SEPPSWRQ-119	The system shall support the definition of access policies for assets	Requirement	
SEPPSWRQ-120	An asset access policy shall be able to restrict access based on the asset type:	Requirement	
	processing, information		
SEPPSWRQ-121	An asset access policy shall be able to restrict access based on the asset visibility:	Requirement	
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SEFFSWKQ-122	hierarchy, team workspace name	Requirement	
SEPPSWRQ-123	An asset access policy shall be able to restrict access based on the asset metadata: after	Requirement	
0201	date, until date, name regex, IPR	. toquii omoni	
SEPPSWRQ-161	The system shall provide a users forum	Requirement	
SEPPSWRQ-164	The system shall provide an interface for users to manage their information assets	Requirement	
	metadata		
SEPPSWRQ-195	Operations on collections with permissions shall be restricted by RBAC	Requirement	
SEPPSWRQ-256	The system shall update the catalogue of system collections periodically	Requirement	
SEPPSWRQ-34	The portal of the system shall be based on responsive design technologies in order to	Requirement	
	minimise maintainability effort for different platforms (desktop - mobile)		
SEPPSWRQ-82	The system shall provide an interface for users to monitor their running processing tasks	Requirement	
		0.6 01 0	
SEPPPCR-265	Extend public metadata of ESA assets	Software Change Request	
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SEPPPCR-272	Crawling and indexing of Space Operations (OPS) assets	Software Change Request	
SEPPPCR-273	Crawling and indexing of HRE assets	Software Change Request	
SEPPPCR-274	Support for Big Data in Data Discovery Portal	Software Change Request	
SEPPSWRQ-188	The system shall allow users to create collections	Requirement	
SEPPSWRQ-189	The system shall allow users to share collections  The system shall index system collections available at the OPS directorate.	Requirement	
SEPPSWRQ-253	The system shall index system collections available at the OPS directorate	Requirement Requirement	
SEPPSWRQ-255	The system shall index system collections available at the HRE directorate	'	
SEPPPCR-266	Unified vocabulary for ESA assets	Software Change Request	
SEPPPCR-268	Controlled vocabulary for the OPS domain	Software Change Request	
SEPPPCR-269	Controlled vocabulary for the HRE domain	Software Change Request	
SEPPSWRQ-125	Anonymous users of a workspace shall be assigned a user role	Requirement	
SEPPSWRQ-190 SEPPSWRQ-260	The system shall allow users to access the results of a query via a filesystem interface	Requirement	
10EFF3WKW-20U	Extensions in esado to support data volume's use case "Add from catalogue"	Software Change Request	
SEPPPCR-288	Update tests to be more robust to portal updates	Software Change Request	



Issue	Description	Issue Type
SEPPSWRQ-269	The system shall present search results to the user using a faceted search interface that is adaptable to the search results	Requirement
SEPPSWRQ-268	The system shall be able to filter search results using a consolidated multi-Directorate Thesaurus	Requirement
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SEPPSWRQ-264	The system shall be able to sort search results by recently added	Requirement
SEPPSWRQ-263	The system shall be able to sort search results by relevance	Requirement
SEPPSWRQ-257	The system shall be able to redirect the user to an adequate query tool query for an information asset	Requirement
SEPPSWRQ-258	The system shall be able to redirect the user to an adequate visualization tool for an information asset	Requirement
SEPPSWRQ-259	The system shall be able to redirect the user to an adequate datalab for an information asset	Requirement
SEPPSWRQ-250	The system shall index system collections available at the EOP directorate	Requirement
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SEPPSWRQ-193	The system shall allow users to search for SEPP Collections	Requirement
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SEPPSWRQ-188	The system shall allow users to create collections	Requirement
SEPPSWRQ-189	The system shall allow users to share collections	Requirement
EPPSWRQ-160	The system shall provide a section of Frequently Asked Questions	Requirement
SEPPPCR-100	Rebranding of ESA Datalabs UI	PCR/DCR
EPPSWRQ-161	The system shall provide a users forum	Requirement
SEPPSWRQ-34	The portal of the system shall be based on responsive design technologies in order to minimise maintainability effort for different platforms (desktop - mobile)	Requirement
SEPPPCR-381	Integration of Discovery Portal user interface in sepp-core	PCR
SEPPPCR-382	Implementation of tests for new Discovery Portal user interface	PCR
SEPPPCR-383	Implementation of tests for new biscovery fortal declinicities.  Implementation of first version of user support portal for ESA datalabs	PCR
SEPPPCR-384	Implementation of basic redirection in SEPPSWRQ-259	PCR
SEPPPCR-385	Implementation of basic redirection in SEPPSWRQ-258	PCR
SEPPPCR-386	Implementation of basic redirection in SEPPSWRQ-257	PCR
SEPPPCR-306	DDP query error	PCR
SEPPPCR-398	Development of ingestion services component for Discovery Portal	PCR
SEPPPCR-402	Static faceted search in Discovery Portal	PCR
	The system shall be able to redirect the user to an adequate query tool query for an information asset	Requirement
	The system shall be able to redirect the user to an adequate visualization tool for an information asset	Requirement
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	Operations on collections with permissions shall be restricted by RBAC	Requirement
	The system shall provide an interface for users to manage their information assets metadata	Requirement
	The system shall allow users to create collections	Requirement
	The system shall allow users to share collections	Requirement
SEPPPCR-100	Adapt to new ESA Branding image	PCR
	The system shall provide a users forum	Requirement
SEPPSWRQ-34	The portal of the system shall be based on responsive design technologies in order to minimise maintainability effort for different platforms (desktop - mobile)	Requirement

- Attending project meetings
- Writing technical reports for the project

Additional information regarding the requirements can be requested from the contract manager.

Selection criteria: Criteria of the most economically advantageous proposal in the single-factor

modality: lowest price.

**Tiebreaker criteria:** Under the terms of subparagraph c), of paragraph 5 of article 74 of the CCP, in the

event of a tie, the draw, to be carried out in person with the competition jury and with the interested parties, on a date, time and place to be communicated with at least three days in advance, of which minutes will be drawn up by all those present.

Base Price (VAT not included): 8577,5 euros (VAT not included, 320 hours in total)

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Payment Conditions: Monthly payments corresponding to a 40-hour workweek, upon presentation of an

invoice.

Send proposals to: compras@uninova.pt and ap@uninova.pt

Person in charge of proposals analysis: Alfredo Pereira

Contract manager: Alfredo Pereira

**Prior hearing:** 3 business days from the date of notification of award proposal

Annex: N/A