

Request for Proposal no. RfP24/02848:

Services to support with satellite imageries processing for fulfilment of digital National Farmer Registry (dNFR) objectives

United Nations Development Programme, hereby referred to as UNDP, through "Human security project: Multidimensional response to emerging human security challenges in Moldova" Project, hereby invites prospective proposers to submit a proposal to support with satellite imageries processing for fulfilment of digital National Farmer Registry (dNFR) broader objectives for implementation of the Integrated Administration and Control System (IACS) in Moldova, in accordance with the General Conditions of Contract and the Terms of Reference as set out in this Request for Proposal (RFP).

To enable you to submit a proposal, please read the following attached documents carefully:

- Section 1: This Letter of Invitation Section 2: Instruction to Proposers Section 3: Data Sheet Section 4: Evaluation Criteria Section 5: Terms of Reference Section 6: Conditions of Contract and Contract Forms Section 7: Proposal Forms - Form A: Proposal confirmation - Form B: Checklist
 - Form C: Technical Proposal Submission
 - Form D: Proposer Information
 - Form E: Joint Venture/Consortium/Association Information
 - Form F: Eligibility and Qualification
 - Form G: Format for Technical Proposal
 - Form H: Format for CV of Proposed Key Personnel
 - Form I: Statement of Exclusivity and Availability
 - Form J: Financial Proposal Submission
 - Form K: Format for Financial Proposal

If you are interested in submitting a proposal in response to this RFP, please prepare your proposal in accordance with the requirements and procedure as set out in this RFP and submit it by the deadline for submission of proposals set out in Section 3: Data Sheet.

Should you be interested to submit a proposal, please log in to the Quantum NextGenERP supplier portal and subscribe to this tender following the instructions in the system user guide. Please search for the tender using search filters, namely **Negotiation ID: UNDP-MDA-00516**. Once subscribed to the tender, you will be able to receive notifications in case of amendments of the tender document and requirements.



Please indicate whether you intend to submit a bid by creating a draft response without submitting directly in the Quantum NextGenERP supplier portal.

Offers must be submitted directly in the Quantum NextGenERP supplier portal following this link: <u>http://supplier.quantum.</u> <u>partneragencies.org/</u> using the profile you may have in the portal (please log in using your username and password). In case you have never registered before, follow the <u>Supplier Portal Registration Link</u>.

Please note that the access link to the Supplier registered profile is sent from Oracle within up to 3 days. In case you have not received the access link after 3 days since registration, you should address for support to UNDP at the email address: <u>sc.md@undp.org</u>. In case you encounter errors with registration (e.g. system states Supplier already is registered), you should address for support to UNDP at the email address: <u>sc.md@undp.org</u>.

Computer firewall could block *oracle* or *undp.org extension* and Suppliers might not receive the Oracle notifications. Please turn down any firewalls on your computers to ensure receipt of email notification.

Do not create a new profile if you already have one. Use the forgotten password feature in case you do not remember the password or the username from previous registration.

Should you require further clarifications on the application through the Quantum online portal, kindly contact the Procurement Unit at <u>sc.md@undp.org</u>. Please pay attention that the proposal shall be submitted online through the Quantum system and any proposal sent to the above email shall be disqualified.

Should you require further clarifications on the Request for Proposal, Terms of Reference or other requirements, kindly communicate using the messaging functionality in the portal.

Deadline for Submission of Offers (Date and Time), which is visible in the online procurement system will be final. System will not accept submission of any proposal after that date and time. It is the responsibility of the bidder to make sure that the proposal is submitted prior to this deadline for submission.

Bidders are advised to upload proposal documents and to submit their offer a day prior or well before the date and time indicated under the deadline for submission of Offers. Do not wait until last minute. If Bidder faces any issue during submitting offers at the last minutes prior to the deadline for submission, UNDP may not be able to assist on such a short notice and will not be held liable in such instance. UNDP will not accept any offer that is not submitted directly through the System.

We look forward to receiving your proposal.

UNDP Moldova

Request for Proposal UNDP-MDA-00516





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1 Overview

1.1 General Information

Title	RfP24/02848: Human Security/Satellite imageries for dNRF
Contact Point	Procurement Unit
Outcome	
Two Stage Evaluation	Yes
E-Mail	sc.md@undp.org
Reference Number	RfP24/02848
Beneficiary Country	MDA
Introduction	
	Request for Proposal no. RfP24/02848:

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- Form D: Proposer Information



- Form E: Joint Venture/Consortium/Association Information
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We look forward to receiving your proposal.

UNDP Moldova

This is a two stage negotiation and all responses will be evaluated in two stages.

1.2 Tender Timeline

Preview Date	
Open Date	05/07/24 14:29 PM
Close Date	22/07/24 13:30 PM
Time Zone	Coordinated Universal Time

1.3 Response Rules

This negotiation is governed by all the rules displayed below.



		Rule
Γ	\checkmark	Suppliers are allowed to revise their submitted response

1.4 Terms

Negotiation Currency USD



2 Requirements

*Response is required

Please note that the below sections correspond to the Eligibility, Qualifications and Technical Evaluation Criteria of the Supplier's proposal.

Please pay special attention to where documents and attachments need to be uploaded. Asterisk mark * is used for mandatory attachments. The response (your bid) will not be submitted until all the mandatory attachments are uploaded accordingly.

Kindly also note that your Financial Proposal should ONLY be uploaded under Section 6 (the "Financial Evaluation" section below), and prices should also be included in the Price Schedule on the platform under "Lines".

Please note that there are several Sections to be filled in, under the <u>"Requirements"</u> (2) step on the right side the page:

Overview	Requirements	Lines	4 Review	Messages	Respond by Spread	isheet 🔻	Actions V Ba	ick Ne <u>x</u> t	Save Submit Can	ncel
								4	Section 1. General Provisions Section 1. General Provisions Section 2. Preliminary Exa Section 3. Minimum Eligibi Section 4. Technical Evalu Section 5. Financial Evalu	ical

2.1 Section 1. General Provisions

*1. General Instructions to Proposers

This tender is governed by the provisions in Section 2. Instructions to Proposers herewith attached. By participating and submitting an offer you confirm to have understood and accepted such provisions.

Target: Confirm acceptance of instructions and provisions of this tender

*2. Bid Data Sheet

Section 3. Bid Data Sheet contains information and instructions specific to this Tender. Please confirm to



have read, understood, and accepted such provisions, herewith attached.

Target: Have read and understood provisions in BDS

3. Criteria for Evaluation and Contract Award

Combined Scoring Method, using the 70%-30% distribution for technical and financial proposals respectively. The minimum technical score required to pass is 70%.

Technical Proposal (70%)

- Bidder's Qualification, Capacity and Experience
- Methodology, Approach and Implementation Plan
- Management Structure and Key Personnel

Financial Proposal (30%)

To be computed as a ratio of the Proposal's offer to the lowest price among the proposals received by UNDP.

Full acceptance of the UNDP Contract General Terms and Conditions (GTC). This is a mandatory criterion and cannot be deleted regardless of the nature of services required. Non-acceptance of the GTC may be grounds for the rejection of the Proposal.

2.2 Section 2. Evaluation Criteria - Preliminary Examination

*1. General Conditions of Contract

Do you accept the General Conditions of Contract as specified in Section 6: Conditions of Contract and Contract Forms?

*2. Proposal Validity

Do you accept that your proposal is valid for 90 days as required in Section 2. General Instructions and Section 3. Bid Data Sheet sections?

*3. Proposal Forms

Please provide Technical Proposal Forms (A-I) as per forms provided, duly signed by a legal representative of your company. Do not provide the Financial Proposal Forms (J-K) at this stage. The Financial Proposal Forms (J-K) shall be submitted only in the "Commercial section" below. Non-compliance with this instruction may result in rejection of the proposal received.

*4. Company profile

Please provide a Company Profile, which should not exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the services being procured. The document shall include company portfolio, demonstrating experience in implementation of projects with similar content and similar complexity/

*5. Legal documents

Please provide legal documents as below:

- Certificate of Incorporation/ Business Registration
- Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country

6. Tax Registration/Payment Certificate

Please provide the Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any



such privilege is enjoyed by the Bidder

*7. Statement of Satisfactory Performance

Please provide at least 3 Clients' statements confirming satisfactory performance by the Proposer, each JV partner/Subcontractor (if the case), on the contracts of highest value carried out, during the past 3 (three) years, by each intended participant

8. Consortium or Subcontracting Agreement

Please provide Consortium or Subcontracting Agreement or letter of intent to form a consortium or a partnership, if applicable

*9. Financial Statements

Please provide the latest Audited Financial Statements (Income Statements and Balance Sheets) including Auditor's Reports (for international companies) or registered Financial Report at the Statistical Bureau (for local companies) for the past 3 (three) years for the Bidder (2021-2023)

*10. Details of Previous Experience

Please provide details of previous relevant experience within the last three (3) years, indicating the Beneficiary name and contact details, scope of contract, contract amount and period of contract execution. Copies of Contracts can be requested.

*11. Methodology, Approach and Implementation Plan

Please provide a detailed description of the Methodology, Approach and Implementation Plan (schedule of activities/work indicating duration and key dates for each stage) with clear distribution of roles and responsibilities of the proposed key personnel

*12. Proof of an open account with the Copernicus Open Access Hub or similar

Please provide proof of an open account with the Copernicus Open Access Hub or similar, which can include account creation confirmation emails, screenshots of the dashboard showing active access, or any official documentation from the platform confirming Proposer access

*13. List of personnel and CVs

Please provide List of qualified key personnel, together with CVs (signed by the envisaged personnel), clearly stipulating the relevant experience which meets the listed requirements, of the Key personnel (mentioned in Section 5: Terms of Reference).

Please provide Statements of Exclusivity and Availability (signed by the envisaged personnel) for the Key personnel proposed.

*14. Quality Certificate (e.g., ISO, etc.) and/or other similar

Please provide Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any

2.3 Section 3. Evaluation Criteria - Minimum Eligibility

1. Evaluation Criteria - Minimum Eligibility

Eligibility will be evaluated on "Pass"/"Fail" basis. If the Proposal is submitted as a Joint Venture/Consortium/Association, each member should meet minimum criteria, unless otherwise specified in the criterion.

Eligibility Criteria



Subject	Criteria	Document Submission requirement
ELIGIBILITY		
Legal Status	Vendor is a legally registered entity.	Form D: Proposer Information
Eligibility	Vendor is not suspended, nor debarred, nor otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization in accordance with RFP clause 3.	Form C: Technical Proposal Submission
Conflict of Interest	No conflicts of interest.	Form C: Technical Proposal Submission
Bankruptcy	Not declared bankruptcy, not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against the vendor that could impair its operations in the foreseeable future.	Form C: Technical Proposal Submission

*2. Compliance with Minimum Eligibility Criteria

Do you confirm that you comply with the Minimum Eligibility Criteria?

2.4 Section 4. Evaluation Criteria - Qualification

1. Evaluation Criteria - Qualification

Qualification will be evaluated on "Pass"/"Fail" basis. If the Proposal is submitted as a Joint Venture/Consortium/Association, each member should meet minimum criteria, unless otherwise specified in the criterion.

Qualifications Criteria

Subject	Criteria	Document Submission requirement
QUALIFICATION		
History of Non- Performing Contracts[1]	Non-performance of a contract did not occur as a result of contractor default for the last 3 (three) years.	Form F: Eligibility and Qualification



Litigation History	No consistent history of court/arbitral award decisions against the Bidder for the last 3 (three) years.	Form F: Eligibility and Qualification
Previous Experience	Minimum 3 (three) years of experience in working with Earth Observation tools and mechanisms (particularly related to Copernicus Sentinel-2 and Sentinel-1 imaginary) and/or in processing and analyzing Earth observation data for land monitoring objectives (ex. cloud- free mosaics, crop detection, and monitoring).	Form F: Eligibility and Qualification
	(For JV/Consortium/Association, Lead Partner should meet the requirement).	
	Minimum 2 (two) contract of similar or higher complexity services in applying Geographic Information Systems for creating and maintaining geoportals and geospatial databases with applied automatic machine learning and data science techniques for land management and data processing (parcels delineation, crop monitoring, or similar), successfully implemented in the past 3 (three) years.	Form F: Eligibility and Qualification
	List of contracts managed, and their value shall be included in the Proposal.	
	(For JV/Consortium/Association, all Parties cumulatively should meet requirement).	
	Proven capacity to acquire required satellite imageries for the needs of the assignment (open account with Copernicus Open Access Hub or similar entry access capability)	Form F: Eligibility and Qualification
	Submit proof of an open account with the Copernicus Open Access Hub or similar. This documentation can include account creation confirmation emails, screenshots of the dashboard showing active access, or any official	



	documentation from the platform confirming your access. (For JV/Consortium/Association, all Parties cumulatively should meet requirement).	
Minimum key personnel	The contractor must provide at least four (4) key experts. Failure to do so will be considered ground for disqualification: § Key personnel 1: Product manager § Key personnel 2: Remote Sensing and Earth Observation Specialist § Key personnel 3: GIS Specialist § Key personnel 4: Machine Learning Data Scientist	Attach required documents to Form H: Format for CV of proposed Key Personnel
	Please note: The above listed roles cannot be cumulated under a single position. (For JV/Consortium/Association, all Parties cumulatively should meet requirement).	
Financial Standing	Minimum average annual turnover of 200,000 US\$ for the last 3 years. (For JV/Consortium/Association, all Parties cumulatively should meet requirement).	Form F: Eligibility and Qualification
	Bidder must demonstrate the current soundness of its financial standing and indicate its prospective long-term profitability. (For JV/Consortium/Association, all Parties cumulatively should meet requirement).	Form F: Eligibility and Qualification



[1]Non-performance, as decided by UNDP, shall include all contracts where (a) non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non-performance shall not include contracts where Employer's decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

*2. Compliance with Minimum Qualification Criteria

Do you confirm that you comply with the Minimum Qualification Criteria?

2.5 Section 5. Technical Evaluation Criteria

1. Technical Evaluation Criteria

The technical proposal will be evaluated based on the criteria set here below following the maximum obtainable points set.

Evaluation team will score each criteria based on the information provided in the proposal.

To pass the technical evaluation, the proposal must score at least 70% of the maximum total obtainable points.

Technical Evaluation Criteria

Summary of Technical Proposal Evaluation Forms		
1.	Proposer's qualification, capacity, and experience	290
2.	Proposed Methodology, Approach, and Implementation Plan	390
3.	Management Structure and Key Personnel	320
	Total	1000

	Section 1. Proposer's qualification, capacity and experience	Points obtainable
1.1	Reputation of Organization and Staff Credibility / Reliability / Industry Standing	50



	Organization / Company profile – 20 pts:	
	 The company is a well-known market player with a good standing – 20 pts 	
	 The company is well-known but lacks a good standing in the field – 10 pts 	
	Financial statement – 30 pts:	
	 Over \$400,000 of annual turnover for last three years – 30 pts 	
	 Between \$200,000 and \$400,000 of annual turnover for last three years – 25 pts 	
1.2	General Organizational Capability which is likely to affect implementation:	60
	 Age of the legal entity (public/business association, public/business support organization, public/business development service provider, etc.) (3 years – 10 pts, 5 pts for each additional year, up to 40 pts) 	
	 Project management controls (organigram) (up to 20 pts) 	
1.3	Relevance of specialized knowledge and experience:	150
	 Minimum 3 (three) years of experience in working with Earth Observation tools and mechanisms (particularly related to Copernicus Sentinel-2 and Sentinel-1 imaginary) and/or in processing and analyzing Earth observation data for land monitoring objectives (ex. cloud-free mosaics, crop detection, and monitoring) (3 years – 30 pts, 5 pts for each additional year, up to 70 pts) 	
	• Minimum 2 (two) contract of similar or higher complexity services in applying Geographic Information Systems for creating and maintaining geoportals and geospatial databases with applied automatic machine learning and data science techniques for land management and data processing (parcels delineation, crop monitoring, or similar), successfully implemented in the past 3 (three) years (2 contracts – 30 points, 10 points for each additional year, up to 70 pts.)	
	 Working experience with UN Agencies and/or other international organizations will be an advantage (no experience – 0 pts, existing experience – 10 pts) 	
1.4	Organizational Commitment to Sustainability (mandatory weight)	30
	 Organization is compliant with ISO 14001 or ISO 14064 or equivalent – 20 pts 	
	 Organization is a member of the UN Global Compact – 5 pts 	



• Organization demonstrates significant commitment to sustainability through some other means – 5 pts, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues, overall gender balance in the team, diversity within the team: people from minority, vulnerable or marginalized groups are part of the team, demonstrated experience in applying the Human Rights Based Approach and Gender Mainstreaming in the area (if relevant)	
Total Section 1	290

	Section 2. Proposed Methodology, Approach and Implementation Plan	Points obtainable							
2.1	Understanding of the requirement: Have the important aspects of the task been addressed in sufficient detail? Are the different components of the project adequately weighted relative to one another?	70							
	• The important aspects of the task have been addressed in detail and the different components of the project are adequately weighted relative to one another – up to 70 pts								
	The important aspects of the task have been generally addressed and the different components of the project are fairly weighted relative to one another – up to 40 pts								
	• The important aspects of the task have been generally addressed and the different components of the project are poorly weighted relative to one another – up to 10 pts								
2.2	Description of the Offeror's approach and methodology for meeting or exceeding the requirements of the Terms of Reference:	80							
	 The proposed approach and methodology fully meet the ToR requirements – up to 80 pts 								
	 The proposed approach and methodology are closely interlinked with ToR but require some adjustments to properly address all the tasks – up to 50 pts 								
	• The proposed approach and methodology partly meet the ToR requirements or require major adjustments to address the tasks – up to 30 pts								
2.3	Description of available performance monitoring and evaluation	80							



2.4	 No M&E methodology was provided – 0 pts Assessment of the implementation plan proposed including whether the 	80
	 activities are properly sequenced and if these are logical and realistic: The Implementation Plan is well structured with well-defined sequence of activities in a manner which does not require further clarification on methodology – up to 80 pts 	
	 The Implementation Plan is well structured with well-defined sequence of activities but some clarifications on methodology are needed – up to 50 pts 	
	 The description is not well structured and requires major clarifications from bidder – up to 20 pts 	
2.5	Does the proposal contain quality assurance procedures and risk mitigation measures:	40
	 Quality assurance procedures and risk mitigation measures are well-defined and adjusted to the assignment – up to 40 pts 	
	• Quality Assurance responds to the assignment, but the risk mitigation measures are irrelevant/missing OR the risk mitigation measures are adjusted but improper quality assurance procedures – up to 20 pts	
	 No Quality Assurance procedures and risk mitigation measures were presented – 0 pts 	
2.6	Does the proposal demonstrate good and logical distribution of roles in the team, including distribution per person-days' involvement?	40
	Extensive and logical distribution – up to 40 pts	
	• To some extent – up to 20 pts	
	Limited or lack of any such details - 5 pts	
	Total Section2	390



	Section 3. Management Structure and Key Personnel		Points obtainable	
3.1	Product Manager		80	
	University degree in project management, business administration, ICT, engineering or a related field (under master's degree – 5 pts., master's degree – 10 pts.)	10		
	Minimum five (5) years of project management experience focused on geospatial projects (5 years – 20 pts, each additional year – 5 pts, up to 40 pts)	40		
	Minimum two (2) previous assignments as a Product Manager responsible for producing GIS and ML products (2 assignments – 10 pts, each additional assignment – 5 pts, up to max 25 pts.)	25		
	Fluency in English (verbal and writing) (5 pts)	5		
3.2	Remote Sensing and Earth Observation Specialist		80	
	University degree in Engineering, statistics, physics, earth observations, ICT, or a related field,(under master' s degree – 5 pts., master's degree – 10 pts.)	10		
	Minimum three (3) years of experience in remote sensing and earth observation activities (3 years – 20 pts, each additional year – 5 pts, up to 40 pts.)	40		
	Minimum two (2) previous projects in working with Copernicus Sentinel-2 and Sentinel-1 data, image processing, and cloud detection techniques (2 projects – 10 pts, each additional project – 5 pts, up to 25 pts.)	25		
	Fluency in English (verbal and writing) (5 pts)	5		
3.3	GIS Specialist		80	
	University degree in Engineering, statistics, ICT, geospatial sciences, or a related field (under master's degree – 5 pts., master's degree – 10 pts.)	10		
	Minimum three (3) years of experience in GIS and/or geospatial data management (3 years – 20 pts, each additional year – 5 pts, up to 40 pts.)	40		
	Minimum two (2) previous projects in working with GIS software, spatial analysis, and database management (2	25		



	projects – 10 pts, each additional project – 5 pts, up to 25 pts.)		
	Fluency in English (verbal and writing) (5 pts)	5	
3.3	Machine Learning/Data Scientist		80
	University degree in data science, machine learning, ICT, engineering, or a related field (under master's degree – 5 pts., master's degree – 10 pts.)	10	
	Minimum three (3) years of experience in machine learning and data science (3 years – 20 pts, each additional year – 10 pts, up to 40 pts)	40	
	Minimum two (2) previous projects working with machine learning, deep learning, and programming languages like Python or similar (2 assignments – 20 pts, each additional assignment – 5 pts, up to 25 pts.)	25	
	Fluency in English (verbal and writing) (5 pts)	5	
		Total Section 3	320

2.6 Section 6. Financial Evaluation

*1. Financial Proposal

Please provide the cost breakdown of your financial proposal as per Form K (Format for Financial Proposal) and instructions provided. Indicate the total amount here and make sure it matches with the total amount indicated line items.

Target: Cost breakdown provided

2.7 Section I-1.

2.8 Section I-2.

2.9 Section I-3.



3 Lines

Instructions

The proposer is required to prepare the Financial Proposal following the format from Forms J and K and submit them in an envelope separate from the Technical Proposal (Forms A-I) as indicated in the Instruction to Proposers.

The inclusion of any financial information in the Technical Proposal (Forms A-I) shall lead to <u>disqualification</u> of the Proposer.

The Financial Proposal should align with the requirements of the Terms of Reference and the proposer's Technical Proposal.

Kindly note that bidders are expected to complete both Form J and K and upload these forms under the Commercial Section 6 in "Requirements" as well as complete the item line pricing below including the total proposal amount.

Please fill in the pricing information for all LOTs. UNDP shall award the Contract for one LOT only.

Currency of the proposal: US Dollars, excluding VAT

3.1 Line Information

Line	Category Name	Item	UOM	Estimated Quantity	Unit Price	Total Price	Additional Attributes
1-LOT 1 - PILOT Area A							
2-LOT 2 - PILOT Area B							
3-LOT 1 - PILOT Area C							



Line	Category Name	ltem	UOM	Estimated Quantity	Unit Price	Total Price	Additional Attributes
1.1-LOT 1 - PILOT Area A Deliverable 1: Automated Parcel Boundary Detection and Delineation to support dNFR evidence-based policy and upcoming LPIS/IACS operations.	81111700						
1.2-LOT 1 - PILOT Area A Deliverable 2: Automated Crop Detection and Classification to support dNFR evidence-based policy and upcoming LPIS/IACS operations.	81111700						
2.1-LOT 2 - PILOT Area B Deliverable 1: Automated Parcel Boundary Detection and Delineation to support dNFR evidence-based policy and upcoming LPIS/IACS operations.	81111700						



Line	Category Name	ltem	UOM	Estimated Quantity	Unit Price	Total Price	Additional Attributes
2.2-LOT 2 - PILOT Area B Deliverable 2: Automated Crop Detection and Classification to support dNFR evidence-based policy and upcoming LPIS/IACS operations.	81111700						
3.1-LOT 3 - PILOT Area C Deliverable 1: Automated Parcel Boundary Detection and Delineation to support dNFR evidence-based policy and upcoming LPIS/IACS operations.	81111700						
3.2-LOT 3 - PILOT Area C Deliverable 2: Automated Crop Detection and Classification to support dNFR evidence-based policy and upcoming LPIS/IACS operations.	81111700						

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