



COUNTY OF SANTA CLARA PRODUCT OR SERVICE STANDARD

This form outlines the minimum specifications and requirements approved by the County's Chief Procurement Officer related to the acquisition of the specified product/services below. These requirements must be included in any County solicitation and/or contract unless written exception is approved by the Lead Department and the Chief Procurement Officer. These requirements are applicable to all County acquisitions regardless of the procurement method utilized.

APPENDIX NO.	B-1	PRODUCT/SERVICE:	GIS PLATFORM	REVISION NUMBER	1.0
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LEAD AGENCY/DEPT.	TECHNOLOGY SERVICES & SOLUTIONS	EFFECTIVE DATE	6/6/2023	EXPIRATION DATE	6/5/2033
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BRAND STANDARD:	Yes	APPROVED BRAND(S):	Esri ArcGIS platform	MODEL NUMBER(S):	
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EQUIVALENTS ALLOWED?	No	Notes:			
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RECOGNIZED SOURCE OF SUPPLY:	NO	RECOGNIZED SOURCE(S):			
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MINIMUM PRODUCT CERTIFICATIONS, SPECIFICATIONS, & REQUIREMENTS

The Standard specifications below should be included in any Scope of Work or specifications document in the acquisition. Please reference the Administrative Guidelines and contact the Lead Department listed above for additional information related to these requirements.

In the County of Santa Clara, the effective management and utilization of geographic data is crucial to ensuring successful planning and decision-making. Geographic information systems (GIS) provide a powerful technology for collecting, managing, analyzing, and displaying data in a spatial context. The scope of this Purchasing Standard is for GIS platform as opposed to specific business focused GIS-enabled software or tools. GIS platform is a more comprehensive system that includes GIS software as well as other components such as hardware, data, and services that enable an organization to implement a complete GIS solution. The GIS platform must meet the below IT principles, as further detailed in the "IT Standards – GIS Platform" (see attached).

Approved: 06/06/2023

1. **Future Proof:** GIS platform shall be designed with consideration for the future and an attempt shall be made to make the solutions future-proof. In terms of scalability, the GIS platform should be able to scale up or down as needed to accommodate changes in the County's data and user needs.
2. **Common Use:** The GIS platform shall be used across the County departments and with external partner entities (e.g., federal, state, and municipal governments). This is imperative to collaborate with partner entities especially during the emergency operations.
3. **Agile Delivery:** The GIS solutions must satisfy the users through agile and continuous delivery. The GIS platform shall provide government focused app templates for agile deployment and ease of use.
4. **Ease of Use:** Natural use interfaces, seamless information intake and delivery is required. The GIS solutions should have an intuitive and user-friendly interface that allows users to easily navigate and access the functionality they need.
5. **Secure and Privacy by Design:** Security and Privacy controls must be built into systems. The GIS platform should have robust security features to protect the organization's data and prevent unauthorized access.
6. **Value Delivery:** GIS solutions shall be used to create meaningful and measurable business value for affected stakeholder.
7. **Cost Containment:** A cost containment strategy will be developed to periodically assess the market for changes in costs, such as for maintenance, enhancements, and upgrades. The Lead Department shall work with the Procurement Department on a defined cost containment strategy.
8. **Complete Solutions:** GIS platform shall address all three components of solution space including 'people', 'process', and 'technology'.

Below lists the functional and non-functional requirements that GIS platform must offer.

Features /Capabilities		Mandatory/Optional
Functional Requirements	On Premise	Mandatory
	SaaS	Mandatory
	Desktop	Mandatory
	Server	Mandatory
	Mobile	Mandatory
	Network Analysis	Mandatory
	Image Recognition	Mandatory
	Drone Mapping	Optional
	Indoors	Mandatory
	Utility Specific Solution	Optional
	Parcel specific feature set	Mandatory
	IoT Event Stream Processing	Optional

Non-Functional Requirement / Technology	Community Engagement	Optional
	Data Marketplace	Mandatory
	Digital Twin Capabilities	Mandatory
	Security and Compliances	
	SSO	Mandatory
	RBAC (Base Alignment and Closure)	Mandatory
	Integration	
	API	Mandatory
	BIM Integration	Optional
	CAD Integration	Mandatory
MS O365	Optional	

VENDOR REQUIREMENTS

This section should include any requirements the vendor must take on to comply with the Standard, whether to deliver the product/ service, or to help the County report on contract related data (i.e., purchase, usage, disposal, etc.). To ensure an awarded vendor can comply with these requirements, include the below in any Scope of Work or specifications document in the sourcing event.

The vendor needs to provide the following information annually to the County:

1. Customer Entitlement Summary per Customer Number.
(Sample)

Term 1 - Standard		Start Date	End Date				
		07/01/2022	06/30/2023				
The following licenses are assigned to term 1 - Standard							
Qty	Product	Version	Maintenance	Type	Exp Date		
2	ArcGIS Desktop Advanced Concurrent Use Perpetual License	10.8.2	Primary		06/30/2023		
10	ArcGIS Desktop Advanced Concurrent Use Perpetual License	10.8.2	Secondary		06/30/2023		
1	ArcGIS Desktop Basic Concurrent Use Perpetual License	10.8.2	Primary		06/30/2023		
1	ArcGIS Spatial Analyst for Desktop Concurrent Use Perpetual License	10.8.2	Primary		06/30/2023		
3	ArcGIS Spatial Analyst for Desktop Concurrent Use Perpetual License	10.8.2	Secondary		06/30/2023		
1	ArcGIS 3D Analyst for Desktop Concurrent Use Perpetual License	10.8.2	Primary		06/30/2023		
1	ArcGIS Publisher for Desktop Concurrent Use Perpetual License	10.8.2	Primary		06/30/2023		
2	ArcGIS Desktop Basic Single Use Perpetual License.	10.8.2	Primary		06/30/2023		
2	ArcGIS Desktop Basic Single Use Perpetual License.	10.8.2	Secondary		06/30/2023		
1	ArcGIS Desktop Standard Single Use Perpetual License	10.8.2	Primary		06/30/2023		
2	ArcGIS Desktop Standard Single Use Perpetual License	10.8.2	Secondary		06/30/2023		
1	ArcGIS Data Reviewer for Desktop Concurrent Use Perpetual License	10.8.2	Primary		06/30/2023		
1	ArcGIS Network Analyst for Desktop Concurrent Use Perpetual License	10.8.2	Primary		06/30/2023		
2	ArcGIS Network Analyst for Desktop Concurrent Use Perpetual License	10.8.2	Secondary		06/30/2023		
2	ArcGIS for Server Enterprise Basic (Windows) Up to Four Cores License Migrated from ArcSDE 9.1 License	11.0	General		06/30/2023		
7	ArcGIS Online Creator Annual Subscription	N/A	License renewal		06/30/2023		
2	ArcGIS Developer Professional Annual Subscription	11.0	License renewal		06/30/2023		

2. Historical County of Santa Clara Total Spend per Customer Number.
(Sample)

Cust Num	Customer Name	Department	State	Country	2023	2024	2025	2026	2027	Grand Total
####	County of Santa Clara	Dept 1	CA	United States						
				Software						
				SaaS and Content Products						
				Maintenance						
####	County of Santa Clara	Dept 2	CA	United States						
				Software						
				SaaS and Content Products						
				Maintenance						
####	County of Santa Clara	Dept 3	CA	United States						
				Software						
				SaaS and Content Products						
				Maintenance						
####	County of Santa Clara	Dept 4	CA	United States						
				Software						
				SaaS and Content Products						
				Maintenance						
####	County of Santa Clara	Dept 5	CA	United States						
				Software						
				SaaS and Content Products						
				Maintenance						
TOTAL										

REGULATORY REQUIREMENTS

This section outlines the responsibilities and frequency for reporting purchase, usage, or other related data to a Federal or State regulatory agency. Please ensure the awarded vendor can help you comply with the listed reporting requirements below.

Department of Environmental Health need to report the purchase as part of the expenditure report for multiple California State agencies (e.g., California Department of Resources Recycling and Recovery, California State Water Resources Control Board, etc.). The department’s maintenance, purchase, and subscription related expenditure record must clearly state the entity (County of Santa Clara Department of Environmental Health).

STATUTORY AUTHORITY

This section lists the applicable federal, state, or local laws and requirements to which the County must comply. To ensure an awarded vendor can comply with these requirements, include a reference to the below statutes, policies, or other regulations in any Scope of Work or specifications document in the sourcing event.

Not Applicable

REVIEWED AND APPROVED BY THE DIRECTOR OF PROCUREMENT:

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MH

Gene Clark

Chief Procurement Officer

DocuSigned by:

Gene Clark

5/21/2023

COUNTY APPROVING AUTHORITY

TITLE

SIGNATURE

DATE APPROVED/AMENDED