

**NCRPC SMART GRANT
GIS Software Requirements**

Capability	Description	Y/N	Bidder Response & Description of Capability	Associated Costs
	Includes functions like Extraction, Overlay, Calculating Field, Pairwise Overlays, Buffer, Spatial Joins, Intersects, etc.			
Image Analysis Toolbox	Change Detection, Classification & Pattern Recognition, Map Algebra, Motion Imagery, & Synthetic Aperture Radar			
Cartography Toolbox	Cartographic Refinement, Annotation, & Map Series			
GeoAI Toolbox for Training AI Models	Works with Geospatial & Tabular Data, and includes Features like ImageryAI and TimeSeriesAI			
Public Transit Toolbox				
Data Import/Export	Import Parcel Data			
Map Creation & Inspection	Public Transit, Street Networks, Roads, Highway Systems			
ModelBuilder	Build & Edit Geoprocessing Models			
Geocoding	Image Enhancement, Geographic Feature Overlays, Topology Processing, Data Analysis/Conversion			
Route Optimization				
API Utilization	Application Programming Interface for Geocoding & Maps			
Geoprocessing	Data Translations			