

## Terms of Reference / Technical Specifications

PROCUREMENT OF ANNUAL SUBSCRIPTION OF VARIOUS IT SOFTWARE 2025		
ITEMS	UNITS	DESCRIPTIONS
1.	4 Lics	Adobe Acrobat Standard (LATEST VERSION) <i>CONTRACT ID: 4193D89B3F5F1FEAB23A</i> <i>Features:</i> Document Cloud for Teams Interact with PDFs <ul style="list-style-type: none"> <li>• View, interact, and comment on PDF content from your computer, mobile device, or web browser</li> <li>• Store, manage, and share files online with instant access to files across devices</li> <li>• Track activity across desktop, mobile, and web for documents sent for viewing, reviewing, and signing</li> </ul> Create PDFs <ul style="list-style-type: none"> <li>• Convert documents and images to PDF files</li> <li>• Create PDFs from any application that prints</li> <li>• Combine multiple documents and file types into one PDF file</li> <li>• Create a password-protected PDF</li> <li>• Automatically fix photos of documents to remove backgrounds and adjust perspective</li> <li>• Prevent others from copying or editing information in PDFs</li> </ul> Share and sign <ul style="list-style-type: none"> <li>• Share links of PDFs for viewing, reviewing, and signatures</li> <li>• Get real-time status and activity notifications for documents sent for viewing, comments, or signature</li> <li>• Add comments to PDFs with a full suite of commenting tools including text editing, highlighter, and sticky notes</li> <li>• Collect legally binding e-signatures from others and track responses in real time</li> <li>• Digitally sign, certify, and verify documents</li> <li>• Fill, sign, and send forms faster using data from your autofill collection on your computer or mobile device</li> </ul> Edit PDFs <ul style="list-style-type: none"> <li>• Turn PDFs into editable Microsoft Word, Excel, or PowerPoint files</li> <li>• Convert PDFs to JPEG, TIFF, or PNG image formats</li> <li>• Insert, delete, rotate, and reorder pages in a PDF</li> <li>• Split a PDF by extracting one or multiple pages</li> </ul> <i>Subscription:</i>

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		<ul style="list-style-type: none"> <li>• One (1) year subscription license</li> <li>• 8X5 Technical support (on-call or online)</li> </ul>
2.	8 Lics	<p>Adobe Acrobat Pro (LATEST VERSION) <i>CONTRACT ID: 4193DS9B355F1FEAB23A</i></p> <p><i>Features:</i></p> <p>Document Cloud for Teams</p> <p>Interact with PDFs</p> <ul style="list-style-type: none"> <li>• View, interact, and comment on PDF content from your computer, mobile device, or web browser</li> <li>• Store, manage, and share files online with instant access to files across devices</li> <li>• Track activity across desktop, mobile, and web for documents sent for viewing, reviewing, and signing</li> <li>• Compare two versions of a PDF to review all differences</li> <li>• Measure the distance, area, and perimeter of objects in PDFs</li> </ul> <p>Create PDFs</p> <ul style="list-style-type: none"> <li>• Convert documents and images to PDF files</li> <li>• Create PDFs from any application that prints</li> <li>• Combine multiple documents and file types into one PDF file</li> <li>• Create a password-protected PDF</li> </ul> <ul style="list-style-type: none"> <li>• Automatically fix photos of documents to remove backgrounds and adjust perspective</li> <li>• Prevent others from copying or editing information in PDFs</li> <li>• Turn scanned paper documents into instantly searchable and editable PDFs with fonts that match the original</li> <li>• Create technical PDFs in Microsoft Project, Visio, or Autodesk AutoCAD</li> </ul> <p>Share and sign</p> <ul style="list-style-type: none"> <li>• Share links of PDFs for viewing, reviewing, and signing</li> <li>• Get real-time status and activity notifications for documents sent for viewing, comments, or signature</li> <li>• Add comments to PDFs with a full suite of commenting tools including text editing, highlighter, and sticky notes</li> <li>• Collect legally binding e-signatures from others and track responses in real time</li> <li>• Digitally sign, certify, and verify documents</li> <li>• Fill, sign, and send forms faster using data from your autofill collection on your computer or mobile device</li> <li>• Enhance PDF forms by adding interactivity with JavaScript</li> <li>• Automatically optimize PDFs to reduce file size and customize settings</li> </ul>

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		<ul style="list-style-type: none"> <li>• Preflight and prepare files for high-end print production</li> </ul>
		Edit PDFs
		<ul style="list-style-type: none"> <li>• Turn PDFs into editable Microsoft Word, Excel, or PowerPoint files</li> </ul>
		<ul style="list-style-type: none"> <li>• Convert PDFs to JPEG, TIFF, or PNG image formats</li> </ul>
		<ul style="list-style-type: none"> <li>• Insert, delete, rotate, and reorder pages in a PDF</li> </ul>
		<ul style="list-style-type: none"> <li>• Split a PDF by extracting one or multiple pages</li> </ul>
		<ul style="list-style-type: none"> <li>• Add or edit text and images on your tablet and mobile phone</li> </ul>
		<ul style="list-style-type: none"> <li>• Add audio, video, and interactive objects to PDFs</li> </ul>
		Subscription:
		<ul style="list-style-type: none"> <li>• One (1) year subscription license</li> </ul>
		<ul style="list-style-type: none"> <li>• 8X5 Technical support (on-call or online)</li> </ul>
3.	1 Lic	<b>Adobe Photoshop (LATEST VERSION) CONTRACT ID : 4193D89B3F5F1FEAB23A</b>
		Features:
		· Build your brand, make a meme, or explore your inner artist with the all-in-one tool for creativity.
		· Design posters and print ads with an artistic eye
		· Retouch and remix your pics.
		· Make your takeout stand out with Instagram-gorgeous graphics
		· Build a following and a brand
		· Discover your own artistic style
		Subscription:
		<ul style="list-style-type: none"> <li>• One (1) year subscription license</li> </ul>
		<ul style="list-style-type: none"> <li>• 8X5 Technical support (on-call or online)</li> </ul>
4.	2 Lics	<b>3D Rendering Software (Lumion) # 0124-5231B-LUMPRO SUB 9Y</b>
		Features:
		<ul style="list-style-type: none"> <li>• Pro Edition</li> </ul>
		<ul style="list-style-type: none"> <li>• With volumetric light effect for spotlights that cast a visible beam of light throughout a scene, adding atmosphere and dimension for a beautiful, cinematic ambiance.</li> </ul>
		<ul style="list-style-type: none"> <li>• With volumetric omni lights. To show subtle rays coming from fill lights or other non-directional sources of light.</li> </ul>
		<ul style="list-style-type: none"> <li>• With surface decals. Transforms walls and other surfaces with imperfections and wall art, including watermarks, exposed brick, moss, chalk drawings, paint markings, road markings, potholes, and much more.</li> </ul>
		<ul style="list-style-type: none"> <li>• Import custom decals</li> </ul>
		<ul style="list-style-type: none"> <li>• With animated phasing. Shows the process behind the design's development or construction through the power of animation.</li> </ul>
		<ul style="list-style-type: none"> <li>• With Orthographic views. Embed life, color, and texture into all of the technical renderings, and make lively plans, sections, and elevations.</li> </ul>

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		<ul style="list-style-type: none"> <li>• With Volumetric fire. Cast a feeling of coziness and warmth to your interior and exterior with volumetric fire objects.</li> <li>• With Rain streaks. Make raindrops soothingly glide down glass surfaces, a gripping detail that would otherwise take hours to get right.</li> <li>• With OpenStreetMaps (and height and satellite maps)</li> <li>• With Full content library</li> <li>• Styles: Custom, Realistic, Interior, Dawn, Daytime, Night, Overcast, Color Sketch, and Watercolor;</li> <li>• With LiveSync, that creates a seamless, real-time rendering connection between the leading CAD programs;</li> <li>• With fine detail nature that enhances the renders with the most detail-rich 3D tree and plant models in the content library.</li> <li>• With Real Skies that design a clear blue morning, a stormy afternoon, or an unforgettable sunset.</li> <li>• With Displacement mapping. Shows the relief and detail on surfaces with custom or built-in displacement maps.</li> <li>• With Photo Matching</li> <li>• With Sky Light. Heighten realism and atmosphere with daylight simulation technology.</li> <li>• With Lights and shadows. Illuminate a space with light, and its story will unfold from the shadows.</li> <li>• With Customizable 3D grasses. Turn the green spaces in your renders into beautiful, lifelike landscapes.</li> <li>• With Paint placement. Place hundreds of nature objects in your project, as if painting on a piece of paper.</li> <li>• With Atmospheric rain and snow. Communicate the feeling of your designs with atmospheric rain and snow.</li> <li>• With a Hand-drawn outline effect. Clearly communicate the form and shape of your building design.</li> <li>• With Area lights and line lights. Easily create beautiful lighting arrangements that fill spaces with life.</li> <li>• With Model and material variation. Compare multiple options and balance a range of conceptual options.</li> <li>• With Foliage for materials. Show the surfaces of your design with leafy, realistic foliage.</li> </ul>
		Subscription/Support/Training:
		<ul style="list-style-type: none"> <li>• One (1) year subscription license</li> <li>• Commercially available with local support (on-call or online)</li> <li>• 8X5 Technical support (on-call or online)</li> </ul>
5.	1 Lic	Photogrammetry 4D Software (E3BA9FF0)
		Features:
		Inputs
		<ul style="list-style-type: none"> <li>• Aerial (nadir and oblique) and terrestrial imagery support</li> <li>• Any camera (compact, SLR, multi-spectral, GoPro, Tetracam, large format)</li> </ul>

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	• Any lens, including Fisheye
	• Multi-camera support for the same project
	• Standard camera rig support
	• Multiple file types (.jpg, single band or multi-band .tiff)
	• Ground Control Point edit and import (.csv, .txt)
	• Local, global, and arbitrary coordinate reference system support in meters and feet
	• Camera position and exterior orientation (omega, phi, kappa) support
	• External point cloud import
	Processing
	• Rapid Check processing mode
	• Rapid Check Quality report
	• Camera self-calibration
	• Automatic Aerial Triangulation (AAT) and Bundle Block Adjustment (BBA)
	• Automatic point cloud densification (and optional Semi-Global Matching)
	• Automatic point cloud classification and DTM extraction (BETA)
	• Point cloud filtering and smoothing
	• Automatic brightness and color correction
	• Quality Report
	• GPU support
	• Project area definition
	• Project splitting
	Raycloud Editor
	• Project viewing
	• Manual tie point editing
	• Project reoptimization
	• Image annotation
	• Point cloud editing
	• Polyline object creation
	• Surface object creation
	• Volume object creation (volume measurement)
	• Digitization tools/vector object editing
	• Fly-through animation
	Index Calculator
	• Radiometric adjustment interface
	• Reflectance map editing
	• Automated index generation (NDVI)
	• Draw field bounds and compute index per crop variety I
	• Formula editing
	• Automatic index segmentation
	• Application map annotation

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		<ul style="list-style-type: none"> <li>• Export the application map as a shapefile (SHP)</li> </ul>
		Mosaic Editor
		<ul style="list-style-type: none"> <li>• Seamline editing</li> </ul>
		<ul style="list-style-type: none"> <li>• Planar / ortho projection selection</li> </ul>
		<ul style="list-style-type: none"> <li>• Mosaic color/brightness editing</li> </ul>
		Output results
		<ul style="list-style-type: none"> <li>• 2D output results</li> <li>• Geo-referenced orthomosaics in GeoTIFF output format</li> <li>• Google tiles export in KML and HTML output format</li> <li>• Mapbox tiles in MB TILES format</li> <li>• Index maps (DVI, NDVI, SAVI, etc.) in GeoTIFF and SHP format</li> </ul>
		<ul style="list-style-type: none"> <li>• 3D output results</li> <li>• Geo-referenced DSMs and DTMs in GeoTIFF format</li> <li>• Full 3D textured mesh in OBJ, PLY, and Zipped OBJ format</li> <li>• Point cloud in LAS, LAZ, XY, Z, and PLY output format</li> <li>• Contour lines in SHP, DXF, and PDF format</li> <li>• User-defined vector objects in DXF, SHP, DG, N, and KML format</li> <li>• 3D PDF for easy sharing of 3D mesh</li> </ul>
		<ul style="list-style-type: none"> <li>• Fly-through animations and flightpaths</li> <li>• Point cloud Fly-through animation in MP4 and AVI format</li> <li>• Fly-through waypoints and path in CSV format</li> </ul>
		<ul style="list-style-type: none"> <li>• Optimized camera position, external orientation, and internal parameters, undistorted images</li> </ul>
		Subscription/Support/Training:
		<ul style="list-style-type: none"> <li>• One (1) year subscription license</li> </ul>
6.	54 lics	<b>Microsoft Office (Latest Version)</b>
		<ul style="list-style-type: none"> <li>• Perpetual License</li> </ul>
		<ul style="list-style-type: none"> <li>• Included Applications: Word, Excel, PowerPoint, Outlook, Access, Publisher</li> </ul>
		<ul style="list-style-type: none"> <li>• Operating System: Windows 10, Windows 11, Windows Server 2019, or Windows Server 2022</li> </ul>
7.	2 lics	<b>Microsoft Office (Latest Version) for Mac</b>
		<ul style="list-style-type: none"> <li>• Perpetual License</li> </ul>
		<ul style="list-style-type: none"> <li>• Included Applications: Word, Excel, PowerPoint, Outlook, Access, Publisher</li> </ul>
		<ul style="list-style-type: none"> <li>• Operating System: Mac OS</li> </ul>

**NOTE TO SERVICE PROVIDER:**

1. The warranty obligation shall be covered by a retention amount equivalent to one percent (1%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period.
2. Thirty (30) Calendar days delivery.

