**HakiSurvey Plots Ltd — Website Development Plan**

**1. Overview**

HakiSurvey Plots Ltd requires a modern, responsive website to showcase surveying, drone, GIS, and environmental services. The website will:

* Present company services and expertise
* Showcase projects and case studies
* Allow clients to download brochures/resources
* Enable contact requests and quote submission
* Include interactive maps and media
* Be fully mobile-friendly and SEO optimized

**2. Website Structure**

| **Section/Page** | **Purpose** | **Features/Content** |
| --- | --- | --- |
| **Home** | Landing page | Hero video, services overview, featured projects, CTA buttons, WhatsApp floating icon, AOS animations, responsive design |
| **Services** | Detailed service description | Accordion sections, service cards with icons, service categories: Land & Property, Aerial & Drone, Engineering & Geospatial, Consultancy & Environmental, Technology & Innovation |
| **Projects** | Showcase past projects | Swiper carousel with images, project descriptions, deliverables, hover effects |
| **Resources** | Downloadable content | PDFs, brochures, case studies, blog links |
| **About** | Company profile | Team expertise, licenses, equipment, GIS and BIM integration, company values |
| **Contact** | Quote & contact form | Name, email, phone, message, file upload, interactive Leaflet map, form validation, email handling |
| **Footer** | Site-wide | Social links, copyright, navigation |
| **Extras** | UI/UX enhancements | TailwindCSS, AOS scroll animations, Swiper for carousel, FontAwesome icons, hero video background |

**3. Features**

* **Responsive Design:** Works on desktop, tablet, mobile
* **Hero Section:** Full-width video background with overlay
* **Interactive Elements:** Accordions, sliders, map
* **Animations:** Scroll animations (AOS)
* **Forms:** Contact/quote form with optional file upload
* **PDF Resources:** Service brochure downloads
* **Social Integration:** WhatsApp chat link, LinkedIn, Facebook, Twitter icons
* **SEO-Friendly:** Semantic HTML, meta tags, fast-loading media
* **CMS/Scalability:** Can be converted to Laravel/WordPress later for content management

**4. Technical Stack**

| **Component** | **Purpose** |
| --- | --- |
| **Frontend** | HTML5, CSS3, TailwindCSS, JavaScript (AOS, Swiper, Leaflet) |
| **Icons** | FontAwesome CDN |
| **Interactive Map** | Leaflet.js for office location |
| **Forms** | JavaScript form handling (future integration with Node.js or PHP backend for emails) |
| **Animations** | AOS (Animate On Scroll) |
| **Media** | Unsplash images, Coverr video background, optional custom images |
| **Hosting Compatibility** | Static site on Netlify, Vercel, or traditional shared hosting; Node/PHP backend optional for dynamic features |

**5. Pages and Content Breakdown**

**Home**

* Hero video & overlay
* CTA buttons (Request Quote / View Projects)
* Core services grid
* Featured projects carousel
* About company teaser
* Contact teaser
* Footer & social links

**Services**

* Accordion for each service category
* Icons for each service
* Descriptions & key deliverables

**Projects**

* Swiper carousel
* Image + description layout
* Pagination for multiple projects

**Resources**

* Downloadable PDFs (service brochure, case studies)
* Grid layout with CTA buttons

**About**

* Company overview
* Expertise grid
* Team / licenses
* Equipment and technology

**Contact**

* Interactive form with file upload
* Leaflet map with office location
* Office contact details & working hours
* WhatsApp quick contact

**6. Cost Estimates**

| **Item** | **Estimated Cost (USD)** | **Notes** |
| --- | --- | --- |
| **Domain Name** | $12–$20/year | Example: hakisurvey.co.ke or .com |
| **Hosting** | $5–$20/month | Shared hosting (e.g., Bluehost, Hostinger) or Vercel/Netlify for static site |
| **SSL Certificate** | Free–$50/year | Let’s Encrypt free SSL or provider |
| **Design & Development** | $500–$1200 | Full Tailwind website, responsive, animations, projects carousel |
| **Stock Images/Videos** | Free–$100 | Unsplash, Coverr, Pexels, optional paid stock for unique branding |
| **Maintenance** | $50–$100/month | Updates, backups, security patches |
| **Email Integration** | Free–$10/month | SMTP service like Gmail/SendGrid for form emails |

**Total First-Year Estimate:** $567–$1,500+

**7. Hosting and Domain Options**

**Domain**

* Namecheap, GoDaddy, Google Domains
* Choose .co.ke for local identity or .com for global presence

**Hosting**

* **Static Hosting:** Netlify / Vercel (fast, free SSL, CDN)
* **Shared Hosting:** Bluehost, Hostinger, Namecheap (supports PHP backend if email form is dynamic)
* **Managed Hosting:** Cloudflare Pages, AWS S3 + CloudFront for enterprise-level scalability

**8. Suggested Implementation Timeline**

| **Week** | **Task** |
| --- | --- |
| 1 | Site planning, design mockups, gather media |
| 2 | Build Home, Services, About pages |
| 3 | Build Projects, Resources, Contact pages |
| 4 | Test forms, carousel, map, responsiveness |
| 5 | Final tweaks, SEO optimization, deploy to hosting |
| 6 | Domain setup, SSL, and go live |

**9. Optional Future Features**

* Blog integration (CMS)
* Multi-language support
* Payment integration for service booking
* Full admin dashboard to upload projects/resources