DRONE SERVICE PROPOSAL FOR 4TRADERS

The proposal below details the service offering for 4Traders and the 4Developments group.

TETHERED DRONE TECHNOLOGY

Pro Drones is the first South African drone company to offer perpetual drone surveillance through a tethered drone solution. Our offering is unique in that it integrates the latest drone tethering technology with current ground-based surveillance and monitoring systems.

The right drone hardware is aligned to specific contracts and projects ensuring optimal performance. We train our own tethered drone pilots through an approved flight school, Prowings Training, to ensure both compliance with aviation law and operation within the requirements stipulated by our Insurers.

Tethered drones are superior to battery powered drones in that they can remain airborne for many hours of continuous flight, this is termed flight persistence. Our solution employs the latest drone technology from the USA, backed by Intel, to ensure safe transmission of data from the drone to the base station. The system can integrate seamlessly into other open source software systems thereby reducing the cost of data transmission, additional software to drive external applications.

Our unique tether solution therefore:

- Is compliant with the South African Civil Aviation Authority
- Meets the Insurers’ operational specifications
- Operates within the design tolerance of the hardware and drone software specifications
- Employs six rotor drone hardware which is more stable and safer than the four rotor drones
- Enables the operator to fly near to or alongside Airports and aviation facilities
- We can fly a night – all night!
- Integrates with both GSM and RF communication networks on site
- Is backed by Intel and integrates seamlessly into open source systems
- Operate within wind gusts up to 50km/h.

SERVICES

The flight-as-a-service offering provides high resolution digital images uploaded onto the 4Traders webcam page and is an extension of the buildcam offering. A further option is available to provide 3D mapping of the build site, this is overlaid with the architectural building plans to obtain a virtual view of the build site through to completion.

Pro Drones has packaged the service which can be white labelled as a 4Traders offering to customers. The packages can be provided in 3 modules, the names can be designed to fit the 4Traders model. For the sake of this proposal, we will use Silver, Gold and Platinum.

In all instances, Pro Drones will retain responsibility for the actions of its drone operators and pilots. All survey data and images need to be signed off by the project Architect or site Contractor.
Silver Offering – R4,750 plus vat.

The Silver package comprises of the following services:

- Initial site survey (greenfield site) – The site is digitally mapped providing a 360 degree view. This is a bird’s eye view of the site and if filmed at an elevation of 5m to 50m providing views at alternative elevations.
- The second survey of the build at slab level – The footprint is mapped from a 360 degree view and at alternative elevations of the site footprint, enabling owners and architects to make strategic decisions before further building commences.
- The third survey is the final inspection of the site upon completion. A 360 view of the house is uploaded and can be used for insurance and bank assessment purposes.

All images are uploaded to the 4Traders portal and compliment the buildcam cameras.

Gold Offering – R7,750 plus vat.

The Gold offering includes the services offered under the silver package but include additional services:

- At slab level, integration of the 3D modelling onto the build footprint to obtain virtual views of the external build site.
- An additional aerial survey during the build before roof height. The survey enables customers and architects to view the actual build in high resolution 4K format uploaded onto the portal for analysis. Alignment of walls, design elements and alterations can be viewed at various heights 5m / 10m and 25m. This information can also be made available via the portal to the Bank inspectors for draw-down approvals.

Platinum Offering – R11,000 plus vat.

The Platinum offering includes the Silver and Gold products, plus the following services are offered:

- Internal fly through of the unit before finishings so that the Owner can make final amendments to the positioning of fittings & fixtures.
- Additional 3d mapping and flight survey for build plan variations and virtual build mapping.

The packages are all inclusive and incorporate:

- The offerings under the Silver, Gold and Platinum packages
- Compliance with the Civil Aviation Act (including work near to airports)
- A qualified drone operator, surveying software and drone hardware.
- Call out to site and location costs within 50km of Ballito.
- Third Party Liability Insurance for R5,000,000 Limit.
- Secure data upload onto the 4Traders portal.
- Compliance with the rules of the Homer Owners Association.
- Surveys will be uploaded within 3 days of the online request – weather dependent.
Additional surveys can be provided at a cost of R2,000 per visit in the event of (i) additional drawdowns, (ii) bank inspection reports, (iii) insurance claims or inspection reports.

The cost of the package can be either included into the bond costs or paid separately when signing up the Customer onto the 4traders portal.

Pro Drones ensured the integrity of data and the safe operation of airborne vehicles on customer sites. Our technology is unique in South Africa and we make use of the following hardware:

COMPANY INFORMATION

Company Name : Pro Drones Proprietary Limited
Website : www.pro-drones.co.za

Regards

Bryan Verpoort