

Project Scope Statement

Project: Wilmont's Pharmacy Drone Project

Revision No.: 1

Revision Date: 31/01/2021

Purpose:

Provide both drones and all necessary systems and technologies, customized according to Wilmont's requirements, this, in order to create a more efficient way for pharmacy customers to receive the products.

Project Goals:

- Build flying drones with their necessary technology and operation systems that are consistent with the commercial processes of Wilmont's pharmacy.
- Create a prototype of this project that is going to be functional in the geographic area of San Francisco, which is the city where DroneTech will develop the customized system with its interfaces.
- Make a plan for the piloting and delivery of the products.
- Develop a tool with which the delivery of the order can be confirmed through a mobile application.
- Perform constant supervision between the information technology departments in both companies, to carry out the data interface correctly. The main managers were Eileen Seymour from DroneTech and Mary Pearson from Wil's Farmacia.
- Plan and execute the operational interaction of the drone flights in charge of DroneTech, with the systems that control the status of the order and the delivery.
- Design the most efficient way to connect DroneTech systems with Wilmont pharmacies, this so that customers can place their orders online.
- Train Wilmont's staff so they can operate the drones.
- The cost of the project cannot exceed US \$ 1,750,000
- The project must start on January 5 and be delivered at the latest on November 30
- All required deliverables must appear on the WBS specifically, and that each includes design, development, testing and implementation as appropriate. Your WBS must include the project management steps for statute / scope, risk management plan, WBS, schedule and train and the meetings necessary to carry out and manage the draft.

Project Scope Description:

- Product Scope –
 - 4 functional drones must be delivered.
 - Each drone will have an approximate cost of USD \$ 18,034.
 - Adapt a temperature control system to drones.
 - Install a suitable damping system for the drone, bubble type.
 - Paint the drones with the institutional colors and the Wilmont's logo.
 - Customize the system to meet Wilmont's requirements.
 - Adapt the interface to allow the entry of online orders.
 - The system will allow the customer to access online from any device

- Provide online information on the status of deliveries
- Services Scope :
 - Customize systems, technologies, interfaces, and business processes according to Wilmont's needs and requirements.
 - Training of personnel, practice, and other previous preparations, necessary for the correct use of the systems.
 - DroneTech handle piloting the drones.
 - DroneTech handle delivery of the orders.

Primary Deliverables:

- Drones procurement.
- Installation of the necessary technologies in each of the four pharmacies that will start with the project.
- Delivery of the software and hardware necessary for the correct operation of the drones.
- Final accounting for a complete project

Deliverable Acceptance Criteria:

- Project costs cannot exceed budget
- Drones purchased must be of a single reference
- The systems and technologies installed in each pharmacy must be functional
- Software and hardware should be complete and functional

Key Milestones:

The project will begin on January 5 and the first address with a flying drone must be before November 30 in San Francisco

- Project starts - Day 1 (January 5)
- Acquire drones -week 1 and 2
- Design the modifications to be made to drones -Week 3 to 7.
- Make modifications - Week 8 to 13
- Design the software programming- Week 14 to 18
- Execute the designed software programming - Week 19 to 22
- Review progress and make the corresponding corrections - Week 23
- Software and Hardware Testing- Week 24
- Make corrections to faulty factors found in software and hardware testing - Week 25
- Second test of software and hardware- Week 26
- Make the pertinent corrections- Week 26 and 27
- Make functional tests of the drone, its systems, technologies, communications, and interfaces- Week 28
- Improve all inconsistencies found in the last review- Week 29 to 32
- Adapt the use of drones not only to a store but to the 4 proposals. Taking into account that there are many drones that will be in operation - Week 33 to 35
- Train staff - Week 36 to 38
- Test with a preselected group of clients- Week 39 and 40
- Carry out a survey of the clients with whom the tests were carried out, to see what aspects should be improved or completely changed – Week 41

- Make the last changes – Week 42 and 43
- Receive system approval – week 44
- Install the systems in the 4 drugstores - Week 45 and 46
- Make a final presentation test, as evidence for all stakeholders – Week 47 to 49
- Total delivery and closing of the project – Week 50

Constraints:

- Contract negotiation is pending

Assumptions:

- Budget cap (by CEO Dronetech)
- All Materials/parts is sourced inhouse (DroneTech & Wilmont)

Scope Exclusions:

- Payment for Wilmont's personnel involved will not be included in the contract

Reference Documents:

- Project Charter Wilmont's Pharmacy Drone Case
- Wilmont's Pharmacy Drone Case
- Project Scope Statement- Develop Electric Car