

### Phase III P25 Migration

This is the final phase of the 3 year migration for the City of Clearwater. This phase includes the purchase of the remaining terminals for Solid Waste, Gas, Public Utilities, Engineering, and the final RF buildout. Below are the explanations for each line item of the quote.

XG-75M – 16 Mobile radio are being purchased to support the Police Assigned Vehicle Program. This was included in the CIP to take advantage of pricing discounts.

XG-25M – 90 Mobile radios purchased for Solid Waste and to create a spares inventory for maintenance.

CH-721 Control Heads – These are to be used for Solid Waste dispatch. This will allow 4 dispatchers to use 2 radios rather than 4 radios.

M5300 Feature Upgrade – Solid Waste currently has 6 radios that are upgradable to P25. This represents a 50% savings as compared to a new radio purchase.

XG-15P – Portable radios for Solid Waste, Gas, Public Utilities, and Engineering.

Vida Core Redundant Server – This is an upgrade to the current Core of servers and routing equipment. The manufacturer has approved the trade-in of the current Core as a full equipment price credit towards this upgrade. This upgrade creates a physical redundancy for all of the core operations of the system. This is vital to Police operations and general user operation because it allows for an automatic switch should a piece of equipment fail. This upgrade also includes an operating system upgrade with increased system monitoring capabilities and user features.

Final Stage P25 RF Upgrade – This is the final migration of the remaining 5 legacy EDACS channels. This includes the installation, and optimization of the 5 channels at the Main and North Sites.

Netfirst Gateway – This line item is to repurpose the equipment used in the EDACS Migration Gateway to increase the capacity of the conventional gateway. The conventional gateway allows Police Communications to communicate to agencies on different systems. The additional groups can also be patched to allow for field units to speak to agencies that are not programmed into their personal radios. Additional equipment to be installed includes:

1. 8 port combiner at PD Dispatch to allow for the increased capacity.
2. New High Gain antennas to be mounted at PD to reach Hillsborough County, and other Surrounding Counties as they migrate to P25 themselves.

Ci Services – Below is the Breakdown on Cost for the services included in this project

1. Vida Core Installation includes the Imaging of the redundant Servers, Routers, Switches, and Firewall. It also includes the removal and shipping of current core equipment back to manufacturer.
2. Final Stage Installation – This is the pricing for the staging, installation, and optimization of the final RF equipment for the P25 Migration. This also includes the optimization of all common equipment at the site to include combiners, routers, and alarm monitoring.

3. Gateway Expansion – This includes the installation of the combiner, new equipment cabinets, and new Antenna. It also includes the removal of legacy equipment used for the EDACS system. This does not include new cabling from the dispatch consoles to the combiner.
4. Terminal Installations – This includes the programming and installation of XG-25M radios into Solid Waste vehicles and Solid Waste Dispatch. City is to provide asset tags for radios.

Credits –

1. XG-75M Credit – Manufacturer offering a 600.00 dollar trade in credit towards these radios. This is a 1 for 1 swap of mobile equipment.
2. XG-25M Credit – Manufacturer offering a 400.00 dollar trade in credit towards these radios. This is a 1 for 1 swap of mobile equipment.
3. CH-721 Discount – Ci is providing four control heads free of charge.
4. XG-15P UDC cover discount – Ci is providing UDC Covers free of charge
5. XG-15P Battery discount – Ci is providing an increased discount on the Lithium Polymer batteries of \$23.00 per battery.
6. Feature Credit for Vida Core Trade-in – Manufacturer is giving the city a credit for the full price of the core equipment to use towards the redundant upgrade.
7. One Time Sales Discount – This is a percentage discount applied against the entire project to meet budgetary constraints.
9. dB Spectra Combiner Discount – Ci is providing the combiner free of charge.