

## New Equipment Requests 2018-19

### CHARLOTTE COUNTY UTILITIES

| <b>METER SERVICES FY18</b> |  |        |
|----------------------------|--|--------|
| Vacuum Trailer             | "Ditch Witch" is a vacuum system and trailer to remove debris and water during meter maintenance and installations. It uses water pressure and suction to perform a myriad of cleanup and soft excavation tasks. It will make us more efficient so we don't have to add staff as quickly to keep up with growth. | 55,000 |

| <b>CONSTRUCTION SERVICES FY18</b> |  |        |
|-----------------------------------|--|--------|
| F550 Crew Cab                     | Crew truck is essential for efficiently completing line extensions and allowing multiple crews to work in different parts of the County at the same time.  | 80,000 |
| 24-Foot Enclosed Trailer          | Trailer for transport and storage of MOT signs, cones, barricades, etc.  | 13,000 |
| Tapping Machine                   | Has a cutting head that taps a hole in a main line so that crews can run service to individual homes. The machine allows the main line to stay live so that service interruptions to other customers is minimized. | 25,000 |

| <b>WATER DISTRIBUTION FY18</b>         |   |        |
|--|---|--------|
| Wachs LX VMT Valve Machine/Vac Trailer | Rolling stock to use for exercising 15,000 water system valves, which is necessary to identify broken valves and/or ensure that the valve is functional when a break occurs. Savings will come from the ability to isolate water main breaks faster reducing damages to the area around the water main break. This will reduce service interruptions, road restoration costs and damage to customer's property. | 68,000 |

| <b>TREATMENT FACILITIES FY18</b> |   |        |
|----------------------------------|---|--------|
| Kubota B3350 HSD                 | An additional Kubota is needed to function as a tractor, loader, backhoe and mower as sharing amongst treatment facilities is not cost effective. Needed for building containment dikes, excavation, stormwater improvements, facility construction projects, etc. Approximately \$8,000 was spent on similar rental equipment last year at the Burnt Store site, so rental cost savings and additional time to complete backlogged tasks will be realized. | 49,765 |

| <b>WASTEWATER COLLECTION FY18</b> |   |        |
|-----------------------------------|---|--------|
| Tilt trailer for Spider Crane     | Trailer is necessary for transporting the spider crane as it currently needs to be borrowed from other departments. It is not feasible to continue borrowing as it's used regularly for accessing locations in rear easements of homes and tight locations. | 8,000  |
| F550 Mini Dump                    | Truck for hauling fill, rock, equipment and parts/materials for LPS system installations, maintenance and leak repair, as there is currently only mini dump truck for this extensive workload and demand.   | 60,000 |

| <b>WASTEWATER COLLECTION FY19</b>     |  |         |
|---------------------------------------|--|---------|
| 60" Trailer Mounted Bypass Pump       | Pump necessary for preventing sewage overflows at lift stations during emergency situations, power outages, weather events, hurricanes, etc. Current stock is only at 18 bypass pumps generators for all 307 lift stations, and best practice is closer to 30.                                     | 45,000  |
| Small Rubber Tire Loader              | Will be used to remove or bring in fill, clean up and restore areas where larger equipment cannot access. Will reduce manual labor costs by nearly \$70 per job and reduce other restoration costs associated with potentially extensive property damage.  | 19,000  |
| 6YD/33,000 GVWR Peterbuilt Dump Truck | Truck for hauling fill, rock, equipment and parts/materials for LPS system installations, maintenance and leak repair, as there is currently only truck for this extensive workload and demand. Current backlog is six weeks and growing, and this will allow an additional crew to make progress. | 130,000 |
| 10-Ton Equipment Trailer              | Trailer for transporting large construction and farm-like equipment.   | 10,000  |