

## ANNEX A - TENDER PACKAGE DESCRIPTIONS

### Project Descriptions

#### Bermuda Land Development Company Limited (BLDC) Water and Wastewater Program

##### 1. Tender Package # 1 Stokes Point Water Crossing – Piping Infrastructure

This project focuses on connecting St. George's and St. David's Islands with a shallow subsea trench adjacent to the former Severn Bridge. This will involve the installation of a sanitary sewer force main, a potable water force main, a effluent (reclaimed water) force main (reclaim water) and a spare force main, reaching a maximum depth of approximately 20'-0" below sea level. The piping will be covered and ballasted with a pre-cast concrete cover and will be connected to roadway piping installed under other tender packages.

##### 2. Tender Package # 2A Stokes Point to St. Regis Hotel – Piping & Pumping Infrastructure

This project encompasses the installation of a sanitary sewer force main to the St Regis Hotel, potable water main to the St Georges Water Treatment plant (WTP) site and effluent force main from the north side of Stoke's Point Water Crossing (St. George's side) to the Tiger Bay Lift Station.

##### 3. Tender Package # 2B Piping Infrastructure – Tiger Bay - Market Warf Area

This project encompasses the installation of a sanitary sewer force main from Tiger Bay lift station to Market Street lift station, redirection of the St Georges club sewage that discharges into the outfall, an effluent force main to the Fort Victoria Flushing tank via the Unfinished Church and Turkey Hill and the decommission of the existing Tobacco Bay outfall.

##### 4. Tender Package # 3 Storm Water – Sanitary Sewer Separation Southside Area

This project focuses on the separation of the existing combined sewer system into a separate system for storm water and a separate system for sanitary waste. The separation will be accomplished by installing a new sanitary sewer force main for sanitary waste and converting the exiting combined sewer to a storm water conveyance system. These improvements will eliminate storm water and high tide flow into the Southside Wastewater Treatment Plant.

##### 5. Tender Package # 4 Southside Wastewater Treatment Facility Plant Upgrades

This project will increase the wastewater treatment plant (WWTP) capacity from approximately 40,000 usg/d to a capacity of approximately 200,000 ipg/d. The increased capacity will be achieved with the installation of multiple parallel wastewater treatment package units. The units will be pre-manufactured and delivered to the site and installed on a newly constructed slab on grade. The upgraded Wastewater Treatment Plant will be able to treat all of the sanitary sewer flows from the St. Regis Hotel, Corporation of St. Georges and the Southside area.

##### 6. Tender Package # 5 Potable Water Reservoir Transfer Network

This project will involve the interconnection of six existing potable water reservoirs across the Southside property. Existing pumping stations will be utilized where appropriate. New pumping stations will be designed and constructed

where necessary. These pumping stations will provide distribution to the local customer zone as well as allow water to be transferred back into the network to fill other reservoirs.

**7. Tender Package # 6 Reclaimed Water Force Main to Reservoir # 6**

This project includes the tie-in of the treated WWTP effluent with the flushing system in the Town of St. George's. This will involve converting Reservoir 6 from potable water to effluent.

**8. Tender Package # 7 Telemetry Systems**

The Telemetry project will include stand-alone primary flow, level and pressure sensing instruments as well as interfaces to lift and pump station programmable logic controllers all communicating by way of fiber or wireless data transmission to a host system.