

CONTRACT DESCRIPTION: CONSTRUCTION OF HIGH RATE SETTLING TANKS, PUMPING MAINS, DAM LINER, M&E AND C&I EQUIPMENT FOR PUMPING INSTALLATIONS

CONTRACT NUMBER: JW 6033 RR

CLIENT: Johannesburg Water
17 Harrison Street
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CONTRACT INFORMATION:	DATE OF AWARD	REVISED
DATE OF AWARD	26 June 2014	
COMPLETION DATE	29 January 2016	02 April 2016
VALUE	R99,175,000	
CONTRACT PERIOD	18 MONTHS	



SCOPE OF WORKS:

DESCRIPTION:

The Scope of this contract includes civil, building, structural, mechanical, electrical & control and instrumentation work on a live and operational treatment works site.

THE WORKS INCLUDE:

- A High rate settlement Tank. Connection channels between the existing sewer overflow pipeline and both the inlet to and outlet from the HRST
- A pump station and pipeline from the HRST to the main inlet sewer
- A concrete control structure and bypass pipeline to divert flow from the inlet of Dam 01 so as to bypass Dam 01 during construction of the dam lining as well as during future cleaning operations.
- A concrete control structure and bypass pipeline to divert flow from downstream of Dam 01 and the Dam 01 bypass into Dam 02 or to bypass Dam 02.
- The removal, dewatering and transporting of sludge from Dam 01
- The containment area of Dam 01 must be lined with impermeable membrane. Interconnected HDPE pipes under the Dam 01 lining will drain ground water into twin sumps.
- A new Pumping station installation at Dam 02 comprising a platform over the water which supports three submersible pumps. A 600mm steel pipeline connects the Dam 02 pumps into the existing 800mm steel rising main.
- Channel wall at Unit 1 inlet to be raised
- The replacement of four existing pumps and related switchgear at Marlene Pumping station
- New 500mm rising main to direct flow from Marlene to the HOW.

QUANTITY INDICATORS (AS BILLED IN TENDER DOCUMENT):

High Rate Settlement Tank	1,201,681.92USD
Removal, Dewatering and Disposal of Sludge Dam 01	476,000.00 USD
Dam 01 Lining	1,029,536.40USD
Pipelines	1,692,056.00USD
Buildings	149,537.32USD
Mechanical Works	572,086.00USD
Electrical Works	442,915.00USD
Control and Instrumentation Works	279,758.40USD

