

CONSTRUCTION OF CHANNEL AT OLD MODDERBEE PHASE #2 - PACKAGE 1

BILL NUMBER:	1	STORMWATER MANAGEMENT PLAN INFRASTRUCTURE				
PAYMENT REF. SANS:	ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<u>1200 A</u>	1.01	<u>GENERAL</u>				
8.2.1	1.02	Scheduled fixed-charge and value-related items:				
		.01 Fixed preliminary and general charges	Sum	1		R -
		.02 Value-related preliminary and general charges	Sum	1		R -
8.2.2	1.03	Scheduled time-related items:				
		.01 Time-related preliminary and general charges	Months	3		R -
		.02 Allowance made for armed site security for duration of construction	Months	3		R -
8.5.1	1.04	Sums stated provisionally by the Engineer:				
		a. Works executed by the Contractor:				
		.01 Tests required and instructed by the Engineer. Payment will only be made for test instructed in writing by the engineer.	Prov Sum		R 60 000.00	R 60 000.00
		.02 Handling cost and charges	%	R 60 000.00		R -
		b. Allowance made for unmeasured items	Prov Sum	1	R 50 000.00	R 50 000.00
8.8.2	1.05	Accommodation of traffic for the duration of the contract	Sum	1.00		R -
8.8.6	1.06	Control and diversion/damming of waterflow in stream to during construction activities for the duration of the contract	Sum	1.00		R -
8.8.6	1.07	Allowance for all pumping activities to control water inflow for the duration of the contract	Sum	1.00		R -
PSA 8.9	1.08	Wayleaves	Prov Sum	1.00	R 15 000.00	R 15 000.00
PSA 8.10	1.09	Compliance with OHS Act and Regulations (including the Construction Regulations, 2003)	Months	3.00		R -
PSA 8.11	1.10	Appointment of a CLO for the duration of the contract	Months	3.00		R -
PSA 8.12	1.11	Pre-construction survey by a registered land surveyor	Sum	1.00		R -
PSA 8.12	1.12	Post construction survey by a registered land surveyor. Items to be verified is the excavated spoil material and channel slopes and cross section	Sum	1.00		R -
TOTAL CARRIED FORWARD TO SUMMARY PAGE						

PAYMENT REFERS TO	ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<u>1200 C</u>	1.13	<u>SITE CLEARANCE</u>				
PSC 8.2.1	1.14	Clear and grub:				
		a. Areas				
		1) Channel 4	m ²	29 600.00	R	-
8.2.3	1.15	Remove and grub all trees and tree stumps regardless of girth				
		a. Trees	No.	15.0	R	-
<u>1200 D</u>		<u>EARTHWORKS</u>				
8.3.2	1.16	Bulk excavation:				
		a. Excavate and trim channel according to the cross section and use for backfill, berms, stockpile or dispose inclusive of all haulage as ordered:				
		1) Excavate channels as indicated	m ³	3845	R	-
		b. Extra over items 8.3.2 above for				
		1) Hard rock excavation	m ³	192	R	-
8.3.4	1.17	Importing,placement and compaction of materials:				
		a. Importation, of G5 materials from commercial sources for fill and construction of channels and berms				
		1) Channels	m ³	500	R	-
		b. Borrow ,placement and compaction G5 materials from local sources for fill and construction of channels and berms				
		1) Channels	m ³	500	R	-
		c. Importation of materials from commercial sources for pioneer layer				
		1) Pioneer layer with maximum particle size of 500mm	m ³	200	R	-
		d. Borrow materials from local sources for pioneer layer				
		1) Pioneer layer with maximum particle size of 500mm	m ³	200	R	-
PSD 8.3.1	1.18	Preparation and compaction of in-situ material:				
		a. Rip and recompact in-situ soil 150mm deep to 93% MDD	m ³	4440	R	-
STORMWATER MANAGEMENT PLAN INFRASTRUCTURE TOTAL - CARRIED TO SUMMARY						R -