

VARIATION ORDER

Contract Details
 Contract Number: **6/2016**
 Contract Description: **NYAKALLONG: CONSTRUCTION OF STORMWATER SYSTEM - PHASE 1**
 Contractor: **KGOTHA CONTRACTORS (PTY) LTD**
 VO No: **2**
 Additional Work Description: **Stormwater Drainage and Road Works (Change in Design, Specifications and Construction Methods)**

1 Reason for VO:

<input type="checkbox"/> Additional Work	<input checked="" type="checkbox"/> Design Change	<input checked="" type="checkbox"/> Specification Change
<input type="checkbox"/> Omitted Work	<input type="checkbox"/> Prime Cost Item	<input type="checkbox"/> Provisional Sum

2 Requested by: _____ Consultant / Employer * (Delete if not applicable)
 Request Date: 06-Apr-18
 Description: _____

3 **DESIGN AND SPECIFICATIONS MODIFICATIONS FOR STORMWATER DRAINAGE AND ATTENUATION DAM WORKS INCLUDING ROAD CROSSING ON MAJOR ROAD**

A - ADDITIONS						
Item No	Payment	Description	Unit	Qty	Rate	Amount
A	SANS 1200 A	SECTION A: PRELIMINARY AND GENERAL				
A4	8.8.5 PSA8.12	Cost of Survey in terms of the Land Survey Act				
A4.3		Setting out of the Work by a Registered Land Surveyor	Sum	1,00	20 000,00	20 000,00
A4.4		Contractor's overheads, charges and profit on Item A4.3	%	20 000,00	10%	2 000,00
A6	PSA 8.9.1	Compliance with the Occupational Health and Safety Act and applicable regulations				
A6.5		e) Provision of personal protective clothing and equipment	Sum	1	20 000,00	20 000,00
B		SECTION B: STORMWATER DRAINAGE				
		Keeping excavations free from water				
B1.3.5		Construct and operate extraction well for ground water control	Prov Sum	1	200 000,00	200 000,00
B1.6.6		Backfill Ancillaries				
B1.6.6.9	PSDB 3.5 (b)	Cement-stabilised backfilling with 5% cement and compacted in 100mm thick layers to 90% of Mod AASHTO density	m ³	53,54	1 257,14	67 307,28
B1.7		Bedding (Stormwater Pipes)				
		Provision of Bedding				
B1.7.1.3		From commercial sources 450mm thick with approved dumprock material obtained from any source. Compacted in 150mm layers to 93% of Mod AASHTO density	m ³	350	280,00	98 000,00
B1.15	1200L	Encasing of Pipes				
B1.15.1	8.2.12	Concrete casing of pipes (20MPa)	m ³	10,56	1 800,00	19 008,00

A - ADDITIONS (Continuation)						
Item No	Payment	Description	Unit	Qty	Rate	Amount
B1.16	1200DB	Existing services that intersect or adjoin a trench				
	8.3.5	a) Services that intersect a trench:				
B1.16.1		Water mains up to 200 mm dia	No	1	250,00	250,00
B1.16.2		Sewers up to 200 mm dia	No	1	250,00	250,00
B1.17	1200G	Concrete Grade 30MPa				
B1.17.1		30/19 strength base slab 330mm thick	m ³	192,84	2 200,00	424 248,00
B1.18		Steel Reinforcement				
B1.18.1		Mesh ref. 388	t	6,63	11 000,00	72 930,00
B1.18.2		H/T Reinforcing	t	30,15	11 000,00	331 650,00
B1.18.3		M/S Reinforcing	t			
C	SANS 1200 C	SECTION C: ATTENUATION DAM				
C1.9		Fencing				
C1.9.1		Supply and install galvanised and aluminium coated 1,8m high perimeter panel fence including posts, accessories and 500mm flatwrap				
		Attenuation Dam	m	1245	1 086,31	1 352 455,95
C1.9.2		Install 1,8m high bi parting swing security gate for 6m gap width complete with lock set				
		Attenuation Dam	No	2	47 337,22	94 674,44
		Add: Shortfall due to Arithmetic Error in VO No.1 Computations under Section C Items	Sum	1	158 794,00	158 794,00
Total Carried Forward						2 861 567,6

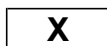
B - OMISSIONS						
Item No		Description	Unit	Qty	Rate	Amount
A		SECTION A: PRELIMINARY AND GENERAL				
A3		Temporary Works				
		Existing Services				
A3.2		a) Supply or hire of specialist equipment for the detection of a particular service	Sum	1	5 000,00	5 000,00
A3.3		b) The use of equipment referred to in item (a) above	Sum	1	2 500,00	2 500,00
	PSA 8.6	Prime Cost Items				
A5.2		Additional quality control test by approved laboratory instructed by Engineer. (The cost of not conforming to standards shall not be included for payment)	PC Sum	1	20 000,00	20 000,00
A5.3		Superintendence and administration of item A5.2 above	%	20000	10%	2 000,00
A6	PSA 8.9.1	Compliance with the Occupational Health and				
A6.5		e) Provision of personal protective clothing and equipment	Sum	1	10 000,00	10 000,00
C	SANS 1200 C	SECTION C: ATTENUATION DAM				
C1.9		Fencing				
C1.9.1		Erect chain-link (diamond) mesh fencing complete with wire accessories, posts, stays and droppers for perimeter fencing				
		Attenuation Dam	m	1245	442,61	551 049,45
Sub-Total B						590 549,45
(Sub-Total A - Sub-Total B)					TOTAL VALUE	R 2 271 018,22

This Variation Order will extend/not extend-* the completion date (* Delete whichever is not applicable)

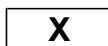
This Variation Order will be/not be* subject to Contract Price Adjustment (* Delete whichever is not applicable)

5 **FINANCIAL IMPLICATIONS:**

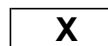
DESCRIPTION	FINAL ESTIMATED	
Original / Revised Schedule of Quantities		
Approved variation orders to date :-		
VO No. 1	<u>Date</u>	<u>Amount</u>
	2017-08-07	R3 268 705,93
Pending variation orders:-		
VO No. 2	R	2 271 018,22
Contingencies Allowed		
CPA allowance		
Sub-total A	R	2 271 018,22
<u>VAT Rate Increase from 14% to 15% Adjustment as Announced by the Minister of Finance</u>		
Add: 15% VAT (only applicable to Final Estimate balance remaining)	R	340 652,73
Sub-total D (Adjusted Balance Remaining Including VAT)	R	2 611 670,95
GRAND TOTAL	R	2 611 670,95



Savings on Scheduled Work



Original Contingency Amount



Other Source

6 **APPROVAL PROCEDURE**

Issued by :

Accepted by :

ENGINEER'S REPRESENTATIVE
Date :

CONTRACTOR'S REPRESENTATIVE
Date :

Recommended by :

Approved by :

DIRECTORATE: INFRASTRUCTURE
Date :

MANAGER: MATJHABENG LOCAL MUNICIPALITY
Date :