

ITEM	DESCRIPTION	UNIT	QTY	RATE (N\$)	AMOUNT
	<b>SECTION 1300</b>				
13.00	<b><u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u></b>				
13.01	<b>The contractor's general obligations:</b>				
	(a) Fixed obligations	Lump Sum	1.00		-
	(b) Value-related obligations	Lump Sum	1.00		-
	(c ) Time-related obligations	Month	4.00		-
	<b><u>Note:</u></b>				
	The combined total tendered for Subitems (a), (b) and (c ) shall not exceed 10% of the tender sum, excluding Section 1300 and disbursements.				
13.02	Supply and erect standard Nameboard of the Association of Consulting Engineers of Namibia	No	1.00		-
13.03	Demolition of existing structures as ordered by the Engineer	No	3.00		-
13.04					
<b>PS 26</b>	Setting out of corner pegs inclusive, as indicated by the Engineer	Lump Sum	1.00		
<b>TOTAL CARRIED TO SUMMARY</b>					-

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE A

ITEM	DESCRIPTION	UNIT	QTY	RATE (N\$)	AMOUNT
14.00	<b>SECTION 1400</b> <b><u>HOUSING, OFFICES AND</u></b> <b><u>LABORATORIES FOR THE ENGINEER'S</u></b> <b><u>SITE PERSONNEL</u></b>				
PS 14.11	(a) Additional Tests ordered by the Engineer	Prov Sum	1.00	30,000.00	30,000.00
	(b) Handling cost and profit in respect of Item 14.11 (a)	%			-
TOTAL CARRIED TO SUMMARY					

## CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI

SCHEDULE of QUANTITIESSCHEDULE A

ITEM	DESCRIPTION	AMOUNT
	SECTION 1300: CONTRACTOR'S ESTABLISHMENT ON SITE & GENERAL OBLIGATIONS	-
	SECTION 1400: ENGINEER'S OFFICE	
SUBTOTAL (SECTION A) CARRIED TO SUMMARY SHEET		-

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (NS)	AMOUNT
15.00		<b>SECTION 1500</b>				
		<b><u>ACCOMODATION OF TRAFFIC</u></b>				
15.03		Temporary traffic-control facilities				
		(a) Flagmen	man-day	20.00		
		(b) Portable STOP and RY-GO signs	No	5.00		
TOTAL CARRIED TO SUMMARY						

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT
17.00		<b>SECTION 1700</b>				
		<b><u>CLEARING AND GRUBBING</u></b>				
17.01		<b>Clearing and grubbing</b>	m	1194.5		
17.02		Removal and grubbing of large trees and tree stumps				
		a) Girth exceeding 1m up to and including 2m	No.	12.00		
17.03		Remove and replace fences (PROV)	m	200		
TOTAL CARRIED TO SUMMARY						

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT
22.00		<b>SECTION 2200</b> <b><u>PREFABRICATED CULVERTS</u></b>				
22.01		Excavation				
22.01		(a) Excavating soft material situated within the following depth ranges below the surface level:				
22.01 (a)		(i) 0 m up to 1.5 m	m³	650		
22.01 (b)		(i) 1.5 m up to 2 m	m³	20		
22.02		Backfilling:				
22.02		(a) Using the excavated material	m³	670		
22.07		Supply and laying of 1200x450 Type 75D Culvert Refer to dwg. No. 2408TE/CE005				
		Three Barrels length between 0 and 22	No	1.00		
22.08		Supply and laying of 300mm pipe Culvert Refer to dwg No. 2408TE/CE006				
		Three Barrels length between 0 and 22	No	1		
22.09		Drift complete as per Drwing SK002	No	3		
TOTAL CARRIED TO SUMMARY						

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT
31.00		<b>SECTION 3100</b>				
		<b><u>BORROW MATERIAL</u></b>				
31.01		Excess overburden (Lump Sum)	Lump Sum	1.00		
		Finishing off borrow areas in:				
		(b) Soft Material	ha	1.00		
TOTAL CARRIED TO SUMMARY						

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT
33.01		<b>SECTION 3300</b> <b><u>MASS EARTHWORKS</u></b>  <b>Cut and borrow to fill, including freehaul up to 0.5 km</b>  (a) Gravel material in compacted layer thickness of 200 mm and less:  (2) Compacted to 93% of modified AASHTO density	m <sup>3</sup>	285.00		
33.10		<b>Roadbed preparation and the compaction of material</b>  (a) Compaction to 93% of modified AASHTO density	m <sup>3</sup>	2,204		
33.13		<b>Finishing-off cut and fill slopes, medians and interchange areas:</b>  (a) Cut slopes  (b) Fill Slopes	m <sup>2</sup> m <sup>2</sup>	537.53 955.60		
33.04		<b>Cut to spoil, including freehaul up to 0.5km</b>  (a) soft excation  (b) intermediate excavation	m <sup>3</sup> m <sup>3</sup>	200.00 20.00		
TOTAL CARRIED TO SUMMARY						



CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT
34.01		<p><b>SECTION 3400</b>  <b><u>PAVEMENT LAYERS OF GRAVEL MATERIAL</u></b></p> <p>Pavement layers constructed from gravel taken from cut or borrow, including free-haul up to 1,0 km</p> <p>(a) (ii) Gravel selected fill layer (G7) compacted to 93% of modified AASHTO density, using:</p> <p>(c) (ii) Gravel subbase layer (G6) compacted to 95% of modified AASHTO density, using Non-cemented material (150mm)</p> <p>(c) (ii) Gravel Wearing Coarse layer (G6) compacted to 95% modified AASHTO density, using Non-cemented material (200mm)</p> <p>(g) Gravel shoulder (G6) compacted to:</p> <p>(ii) 95% of modified AASHTO density (200 mm Compacted layer thickness)</p>	<p>m³</p> <p>m³</p> <p>m³</p> <p>m³</p>	<p>2,160.00</p> <p>0.00</p> <p>1,433.40</p> <p>358.35</p>		
TOTAL CARRIED TO SUMMARY						

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT
56.00		<b>SECTION 5600</b>				
		<b><u>ROAD SIGNS</u></b>				
56.01		Road signs as specified in the Road and Traffic Signs Policy of May 1997 of Namibia using 2,0 mm Aluminum sheet, complete with painted steel supports, erection, fixing, concrete backfilling, etc:-				
		(a) STOP SIGN (R1) 600mm	No	5.00		
		(b) YIELD SIGN (R2) 600mm	No	2.00		
		(c) W401-W402 Hazard Marker Signs (600mm x 150mm) fitted back-to-back on one steel support, complete as per drawing no. 2241KB/SK002	No	32.00		
		(d) DRIFT SIGN 600mm	No	6.00		
		e) T-junction chevron (2400mm x 400mm)	No	1		
		f) CURVE SIGN	No	10		
		g) SPEED LIMIT SIGN	No	2		
TOTAL CARRIED TO SUMMARY						

CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI  
SCHEDULE of QUANTITIES  
SCHEDULE B

ITEM	PAY	DESCRIPTION	UNIT	QUANTITY	RATE (N\$)	AMOUNT
59.00		<b>SECTION 5900</b>				
		<b><u>FINISHING THE ROAD AND ROAD RESERVE AND TREATING OLD ROADS</u></b>				
59.01		Finishing the road and road reserve:				
		(b) Single carriageway road with v-drains as instructed by Engineer	km	1.1945		
		© Grouted stone pitching on a concrete bed 200mm thick	m <sup>2</sup>	120		
TOTAL CARRIED TO SUMMARY						

## CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI - PHASE 1B & II

**SCHEDULE B**

**SUBTOTAL (SECTION B) CARRIED TO SUMMARY SHEET**

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**CONSTRUCTION OF ROADS AND STORMWATER FOR OSHAKATI**  
**SCHEDULE of QUANTITIES**  
**SUMMARY SHEET**

SECTION NO. AND DESCRIPTION		TOTAL AMOUNT
SECTION A : PRELIMINARY AND GENERAL COSTS		-
SECTION B: GRAVEL ROADS		-
SUBTOTAL (1)		-
ADD: 10% CONTIGENCIES		-
SUBTOTAL (2)		-
ADD 15% VAT		-
TOTAL CARRIED TO FORM OF TENDER		-
PROFFESIONAL FEES		
TOTAL COST OF PROJECT		
SIGNED ON BEHALF OF TENDERER	_____	
DATE:	_____	