

# Provisional Bills of Quantities for the Proposed Dust Management Solution for the Trans Kalahari One Stop Border Post, at Buitepos, in Omaheke Region

for

# NAMIBIA REVENUE AGENCY

	Bid No.:
Name of Bidder:	
Bid Price (N\$-Incl. VAT):	

# PROJECT TEAM

	Engineer	,	
gama Architects	DEKA Consulting Engineers	DEKA Consulting Engineers	Jordaan Oosthuysen Nangolo QS
•	Windhoek, Namibia	Windhoek, Namibia	Windhoek, Namibia Tel: 061-22 0081
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1			Amount	
	BILL NO. 1			
	PRELIMINARIES			
	NOTES			
	i) The 'General Conditions of Contract' as included in the 'Standard Bidding Documents for Open National Bidding Works' shall be the form approved.			
	ii) Bidders are referred to the abovementioned documents for the full intent and and meaning of each clause thereof (hereinafter referred to by heading			
	and clause number only) for which such allowance must be made as may be considered necessary.			
	CONDITIONS OF BUILDING CONTRACT			
	GENERAL			
	CLAUSE 1 - DEFINITIONS			
1	Fixed			
		Item		
2	Variable with Time			
	valiable with Time	Item		
		item		
3	Variable with Value			
		Item		
	CLAUSE 2 - INTERPRETATION			
4	Fixed			
		Item		
5	Variable with Time			
3	variable with Time	ltom		
		Item		
6	Variable with Value			
		Item		
	CLAUSE 3 - LANGUAGE AND LAW			
7	Fixed			
		Item		
	Variable with Time			
8	Variable with Time	.,		
		Item		
	Carried to Collection	N\$		<u> </u>
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	Bill No. 1			
	Preliminaries 1			
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			ranoke	Amount	
9	Variable with Value				
			Item		
	CLAUSE 4 - PROJECT MANAGER'S DECISIONS				
10	Fixed				
			Item		
11	Variable with Time		14		
			Item		
12	Variable with Value		Item		
			item		
13	CLAUSE 5 - DELEGATION Fixed				
10	TINOG		Item		
14	Variable with Time				
			Item		
15	Variable with Value				
			Item		
	CLAUSE 6 - COMMUNICATIONS				
16	Fixed		ltomo		
			Item		
17	Variable with Time		Item		
10	Variable with Value		11.0111		
18	variable with value		Item		
	CLAUSE 7 - SUBCONTRACTING				
19	Fixed				
			Item		
20	Variable with Time				
			Item		
		Carried to Collection	N\$		
	Bill No. 1				
	Preliminaries 2				
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			Amount	1
21	Variable with Value			
		Item		
	CLAUSE 8 - OTHER CONTRACTORS			
22	Fixed			
		Item		
23	Variable with Time	Item		
		пеш		
24	Variable with Value	Item		
	CLAUSE 9 - PERSONNEL AND EQUIPMENT			
25	Fixed			
		Item		
26	Variable with Time			
		Item		
27	Variable with Value			
		Item		
28	CLAUSE 10 - EMPLOYER'S AND CONTRACTOR'S RISKS Fixed			
20	TIACU	Item		
29	Variable with Time			
		Item		
30	Variable with Value			
		Item		
	CLAUSE 11- EMPLOYER'S RISKS			
31	Fixed	Item		
32	Variable with Time			
32	variable with time	Item		
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
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ı			Amount	1
33	Variable with Value			
		Item		
	CLAUSE 12 - CONTRACTOR'S RISKS			
34	Fixed			
		Item		
35	Variable with Time	Itom		
		Item		
36	Variable with Value	Item		
	CLAUSE 13 - INSURANCE	113111		
37	Fixed			
		Item		
38	Variable with Time			
		Item		
39	Variable with Value			
		Item		
4.0	CLAUSE 14 - SITE DATA			
40	Fixed	Item		
41	Variable with Time			
71	variable with time	Item		
42	Variable with Value			
		Item		
	CLAUSE 15 - CONTRACTOR TO CONSTRUCT THE WORKS			
43	Fixed	14		
		Item		
44	Variable with Time	Item		
		11.0111		
	Carried to Collection	N\$		
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	Bill No. 1 Preliminaries			
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		Transka	ainari OSBP Externai	vvor
			Amount	
15	Variable with Value			
45	variable with value	14		
		Item		
	CLAUSE 16 - THE WORKS TO BE COMPLETED BY THE INTENDED			
	COMPLETION DATE			
46	Fixed			
		Item		
47	Variable with Time			
		Item		
48	Variable with Value			
		Item		
		no		
	CLAUSE 17 - APPROVAL BY THE PROJECT MANAGER			
49	Fixed			
		Item		
50	Variable with Time			
		Item		
51	Variable with Value			
		Item		
	CLAUSE 18 - SAFETY			
52	Fixed			
		Item		
53	Variable with Time			
55	variable with time	ltom		
		Item		
54	Variable with Value			
		Item		
	CLAUSE 19 - DISCOVERIES			
55	Fixed			
		Item		
56	Variable with Time			
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	Carried to Collection	N\$		
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	Bill No. 1			
	Preliminaries 5			
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57	Variable with Value			
		Item		
	OLALIOT OF POORTONION OF OUT			
	CLAUSE 20 - POSSESSION OF SITE			
58	Fixed	14		
		Item		
59	Variable with Time			
		Item		
20	West the estil Webs			
60	Variable with Value	14		
		Item		
	CLAUSE 21 - ACCESS TO THE SITE			
61	Fixed			
		Item		
20	West the early The c			
62	Variable with Time	14		
		Item		
63	Variable with Value			
		Item		
	CLAUSE 22 - INSTRUCTIONS			
64				
04	Fixeu	Item		
		Item		
65	Variable with Time			
		Item		
66	Variable with Value			
		Item		
	CLAUSE 23 - APPOINTMENT OF THE ADJUDICATOR			
67	Fixed			
		Item		
68	Variable with Time			
		Item		
	Carried to Collectio	n <b>N</b> \$		
	Bill No. 1			
	Preliminaries			
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69	Variable with Value			
		Item		
	CLAUSE 24 - PROCEDURE FOR DISPUTES			
70				
		Item		
<b>-</b> , .	Maniable with Time			
71	Variable with Time	14		
		Item		
72	Variable with Value			
		Item		
	TIME CONTROL			
	CLAUSE 25 - PROGRAM			
73				
		Item		
74	Variable with Time			
74	variable with Time	Item		
		item		
75	Variable with Value			
		Item		
	CLAUSE 26 - EXTENSION OF THE INTENDED COMPLETION DATE			
76	Fixed			
		Item		
77	Variable with Time			
'	variable with Time	Item		
78	Variable with Value			
		Item		
	CLAUSE 27- ACCELERATION			
79	Fixed			
		Item		
80	Variable with Time			
		Item		
	Carried to Collection	N\$		
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	Bill No. 1 Preliminaries			
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		Transka	, Amount	7701
			Amount	
81	Variable with Value			
0.	validate was valide	Item		
		Item		
	CLAUSE 28 - DELAYS ORDERED BY THE PROJECT MANAGER			
82	Fixed			
		Item		
83	Variable with Time			
		Item		
84	Variable with Value			
04	variable with value	lt a ma		
		Item		
	CLAUSE 29 - MANAGEMENT MEETINGS			
85	Fixed			
		Item		
86	Variable with Time			
		Item		
87	Variable with Value			
01	variable with value	Item		
		item		
	CLAUSE 30 - EARLY WARNING			
88	Fixed			
		Item		
89	Variable with Time			
		Item		
90	Variable with Value			
		Item		
	QUALITY CONTROL			
	CLAUSE 31 - IDENTIFYING DEFECTS			
91	Fixed			
		Item		
92	Variable with Time			
		Item		
	Carried to Colle	ection N\$		
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	Preliminaries 8			
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				Transite	Amount	
93	Variable with Value					
				Item		
	CLAUSE 32 - TESTS					
94	Fixed					
				Item		
95	Variable with Time					
33	variable with time			Item		
96	Variable with Value					
				Item		
	CLAUSE 33 - CORRECTION OF DEFECTS					
97	Fixed					
				Item		
98	Variable with Time					
				Item		
99	Variable with Value					
99	variable with value			Item		
				nom		
	CLAUSE 34 - UNCORRECTED DEFECTS					
100	Fixed			ltana		
				Item		
101	Variable with Time					
				Item		
102	Variable with Value					
				Item		
	COST CONTROL					
	CLAUSE 35 - CONTRACT PRICE					
103	Fixed					
				Item		
104	Variable with Time					
104	variable was time			Item		
			Carried to Collection	N\$		
	Dill No. 4					
	Bill No. 1 Preliminaries					
		9				



			. rament	Amount	
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105	Variable with Value				
			Item		
	OLALIGE 20 CHANGES IN THE CONTRACT PRICE				
100	CLAUSE 36 - CHANGES IN THE CONTRACT PRICE				
106	Fixed		ltom		
			Item		
107	Variable with Time				
			Item		
100	Variable with Value				
108	variable with value		Item		
			iteiii		
	CLAUSE 37 - VARIATIONS				
109	Fixed				
			Item		
110	Variable with Time				
110	variable with time		Item		
			item		
111	Variable with Value				
			Item		
	CLAUSE 38 - CASHFLOW FORECASTS				
112	Fixed				
112	TINGG		Item		
			no		
113	Variable with Time				
			Item		
114	Variable with Value				
			Item		
	CLAUSE 39 - PAYMENT CERTIFICATES				
115	Fixed				
			Item		
116	Variable with Time				
			Item		
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CLAUSE 40- PAYMENTS  118 Fixed Item  119 Variable with Time Item  120 Variable with Value Item  121 Variable with Value Item  122 Variable with Time  123 Variable with Value Item  124 Variable with Value Item  125 Variable with Value Item  126 Variable with Time  127 Variable with Time  128 Variable with Time  188 Item  198 Variable with Time  199 Variable with Time  190 Variable with Time					Transit	Amount	
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					Amount	
129	Variable with Value					
				Item		
	CLAUSE 44 - PRICE ADJUSTMENT					
130	Fixed					
				Item		
131	Variable with Time					
				Item		
400	Mart Harris M. M. Lan					
132	Variable with Value			Item		
				item		
	CLAUSE 45 - RETENTION					
133	Fixed					
				Item		
134	Variable with Time					
				Item		
135	Variable with Value					
				Item		
	CLAUSE 46 - LIQUIDATED DAMAGES					
136	Fixed					
100	. ,,,,,			Item		
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137	Variable with Time			Item		
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138	Variable with Value					
				Item		
	CLAUSE 47 - BONUS					
139	Fixed					
				Item		
140	Variable with Time					
				Item		
			Carried to Collection	N\$		_
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	Preliminaries					
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141	Variable with Value					
				Item		
	OLALIGE 49 ADVANCE DAVMENT					
	CLAUSE 48 - ADVANCE PAYMENT					
142	Fixed					
				Item		
143	Variable with Time					
				Item		
144	Variable with Value					
				Item		
	CLAUSE 49 - SECURITIES					
145	Fixed					
				Item		
146	Variable with Time					
				Item		
147	Variable with Value					
				Item		
	OLALIOE ES DAVINODICO					
4.40	CLAUSE 50 - DAYWORKS					
148	Fixed			14		
				Item		
149	Variable with Time					
				Item		
450	Mariable with Malue					
150	Variable with Value			ltom		
				Item		
	CLAUSE 51 - COST OF REPAIRS					
151	Fixed					
				Item		
150	Variable with Time					
152	variable with Time			Item		
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			Carried to Collection	N.A.		
			Carried to Collection	N\$		-
	Bill No. 1					
	Preliminaries					
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153	Variable with Value				
			Item		
454	CLAUSE 52 - LABOUR CLAUSE				
154	Fixed		Item		
155	Variable with Time				
			Item		
156	Variable with Value				
			Item		
	FINISHING THE CONTRACT CLAUSE 53 - COMPLETION				
157	Fixed				
			Item		
158	Variable with Time		lka		
450	Mariakla with Malua		Item		
159	Variable with Value		Item		
	CLAUSE 54 - TAKING OVER				
160	Fixed				
			Item		
161	Variable with Time		Item		
162	Variable with Value				
.02			Item		
	CLAUSE 55 - FINAL ACCOUNT				
163	Fixed		Item		
164	Variable with Time		item		
164	variable with Time		Item		
		Carried to Collection	N\$		
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	Preliminaries				
	14				



		Transit	, Amount	
165	Variable with Value			
		Item		
	CLAUSE 56 - OPERATING AND MAINTENANCE MANUALS			
166	Fixed			
		Item		
167	Variable with Time			
107	variable with Filling	Item		
168	Variable with Value	.,		
		Item		
	CLAUSE 57 - TERMINATION			
169	Fixed			
		Item		
170	Variable with Time			
		Item		
171	Variable with Value			
171	variable with value	Item		
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	CLAUSE 58 - FRAUD AND CORRUPTION			
172	Fixed	14		
		Item		
173	Variable with Time			
		Item		
174	Variable with Value			
		Item		
	CLAUSE 59 - PAYMENT UPON TERMINATION			
175	Fixed			
		Item		
470	Veriable with Time			
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		Item		
	Carried to Collection	N\$		
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	Preliminaries 15			
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		Transka	, Amount	
			Amount	
177	Variable with Value			
		Item		
	CLAUSE 60 - PROPERTY			
178	Fixed			
		Item		
179	Variable with Time			
.,,	Validade Williams	Item		
		110111		
180	Variable with Value			
		Item		
	CLAUSE 61 - RELEASE FROM PERFORMANCE			
181	Fixed			
101	rixed	Item		
		item		
182	Variable with Time			
		Item		
100	Variable with Value			
183	variable with value	lt a ma		
		Item		
	SPECIFIC PRELIMINARIES			
	SAMPLES OF MATERIAL			
	The contractor shall furnish at his own cost such samples of materials and specimens of colours as may be called for by the architect for his approval.			
184	Fixed			
		Item		
105	Variable with Time			
185	variable with time	Item		
		iteiii		
186	Variable with Value			
		Item		
	SAMPLES OF WORKMANSHIP AND MOCK-UPS			
	The contractor shall furnish such samples of workmanship as may be called			
	for by the architect for his approval. Where an assembly of various elements of the buildings is required, which is not incorporated in the works, this shall be arranged by the contractor. Any cost involved shall be borne by the employer.			
				<u> </u>
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
	16			



1			Amount	
107	Fixed			
187	Fixed	Item		
		Rom		
188	Variable with Time	lta na		
		Item		
189	Variable with Value			
		Item		
	ORDERING OF MATERIALS			
	Should the Bills of Quantities be used for ordering materials, this shall be entirely at the contractor's risk.			
190	Fixed			
		Item		
191	Variable with Time			
		Item		
192	Variable with Value			
		Item		
	ENCLOSURE OF THE WORKS			
193	Fixed			
		Item		
194	Variable with Time			
		Item		
195	Variable with Value			
		Item		
	PAVEMENT CROSSINGS AND PARKING METERS			
	The contractor shall pay and recover all fees and charges in connections with			
	and/or obtain permission for the suspension of parking facilities and for pavement or street encroachment and or crossings and the removal and eventual reinstatement of any local authority's parking meters			
196	Fixed			
		Item		
197	Variable with Time			
		Item		
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
	17			



		Transka	inari OSBP External W	vor
1			Amount	
198	Variable with Value			
		Item		
	SPECIAL SCAFFOLDING			
	No special scaffolding is measured as these bills of quantities are based on			
	the sixth edition of the Standard System for Measuring Building Work.			
	The Contractor shall provide, maintain and remove on completion special scaffolding for areas exceeding 5m above floor level, for use of all trades, as defined under the "Description of the Works".			
199	Fixed			
		Item		
200	Variable with Time			
200	variable with Time	14		
		Item		
201	Variable with Value			
		Item		
	CONTRACTOR'S OFFICES AND SHEDS			
202	Fixed			
		Item		
203	Variable with Time			
203	variable with time	Item		
		ILCIII		
204	Variable with Value			
		Item		
	OFFICES			
	The contractor shall provide, maintain and remove on completion office accommodation for meetings held on site. The office shall be provided with tables and chairs sufficient for the maximum number of persons attending meetings and shall be kept clean.			
205	Fixed			
		Item		
206	Variable with Time			
200	Variable with Time	Item		
		itom		
207	Variable with Value			
		Item		
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
	18			
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		HallSKa		VVOI
			Amount	
	MAIN NOTICEBOARD			
	The contractor shall provide, erect where directed, maintain and remove on completion the main noticeboard complying with the requirements of the Institute of Namibian Architects, with the title of the project and the names of the employer, the architect, the quantity surveyor, the consulting engineers and the contractor signwritten thereon.			
208	Fixed			
		Item		
209	Variable with Time			
		Item		
040	Water the will Water			
210	Variable with Value	lt a ma		
		Item		
	WATER			
	The contractor shall provide all water for the works, including all necessary temporary plumbing, removing same and making good on completion.			
211	Fixed			
		Item		
212	Variable with Time			
		Item		
213	Variable with Value			
213	variable with value	Item		
		item		
	ELECTRICITY AND LIGHTING			
	The contractor shall provide all necessary electricity and artificial lighting for the works, including all necessary temporary installation work, removing same and making good on completion.			
214	Fixed			
		Item		
215	Variable with Time			
		Item		
216	Variable with Value	16		
		Item		
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
	19			



1	ı	ı	Amount	
	T-1			
	TELEPHONES  The contractor shall provide maintain and remove an completion a DT			
	The contractor shall provide, maintain and remove on completion a PT telephone on site for use by all persons engaged upon the works and shall be entitled to recover the cost of outgoing calls from those making them.			
217	Fixed			
		Item		
218	Variable with Time			
		Item		
219	Variable with Value			
219	variable with value	Item		
		nom		
	TOILETS			
	The contractor shall provide, maintain in a thoroughly clean and tidy condition proper toilets for the use of the workmen and remove same upon completion.			
220	Fixed	14		
		Item		
221	Variable with Time			
		Item		
222	Variable with Value			
		Item		
	DAVMENT OF RRELIMINARIES			
	PAYMENT OF PRELIMINARIES  The amount to be included in each monthly certificate in respect of			
	preliminaries costs shall be calculated from the priced items within the preliminaries section of the bills of quantities.			
	The contractor and quantity surveyor shall agree a division of the priced preliminaries items into:			
	an initial establishment charge, payment of which shall be made to the contractor on proof that the relevant expenditures have been made;			
	2) a monthly charge, and			
	a final or dis-establishment charge			
	Should the contractor and quantity surveyor be unable to agree such division, the quantity surveyor shall make a fair and reasonable division. In arriving at such division, cognisance shall be taken of such factors as:			
	premiums for insurance policies and performance guarantees being renewed annually			
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
	20			



1		ı	Amount
	2) plant, scaffolding and the like remaining the property of the contractor or the hiring company and the capital cost thereof not being treated as part of the initial charge.		
	In the event of an extension of time for the completion of the works, the monthly charge be recalculated on the same basis as originally but taking into account the revised contract period and the amounts already paid to the contractor.		
223	Fixed		
		Item	
224	Variable with Time		
		Item	
225	Variable with Value		
		Item	
	PROTECTION		
226	Fixed		
		Item	
227	Variable with Time		
221	variable with Time	Item	
		1.5111	
228	Variable with Value		
		Item	
	PROTECTION OF EXISTING AND/OR PARTIALLY OCCUPIED WORKS		
	The contractor shall provide all reasonable measures necessary to protect the existing and/or partially occupied works to ensure that they are not damaged and shall remove such protection upon completion.		
229	Fixed		
		Item	
230	Variable with Time		
230	variable with Time	Item	
		itom	
231	Variable with Value		
		Item	
	SITE SECURITY		
	The contractor shall provide all watching and lighting necessary for general		
	site security.		
	Carried to Collection	N\$	
	Carried to Collection	ф	
	Bill No. 1		
	Preliminaries		
	21		



		Transite	illian Cobi Externa	
			Amount	
232	Fixed			
		Item		
233	Variable with Time			
		Item		
234	Variable with Value			
204	variable with value	Item		
	NOTICE REFORE COVERING THE WORKS			
	NOTICE BEFORE COVERING THE WORKS  The contractor shall give adequate notice to the Archictect and Quantity			
	Surveyor whenever any work or materials which are subjected to the Architect's inspection or remeasurement are to be covered in or concealed in any way. In default of such notice being received, such work or materials shall be uncovered and later made good at the contractor's expense.			
235	Fixed	Item		
		item		
236	Variable with Time	ltare		
		Item		
237	Variable with Value	.,		
		Item		
	DISTURBANCE			
	The contractor shall execute the whole of the works with minimum disturbance to the adjoining premises, any parts of the works already handed over and the occupants of those premises and/or parts thereof.			
238	Fixed	Item		
		item		
239	Variable with Time			
		Item		
240	Variable with Value			
		Item		
	CLEARING AND CLEANING			
	The contractor shall regularly clean and clear away all rubbish and excess materials as the works proceed and, on completion, leave the works in a clean and satisfatory state for immediate use and occupation.			
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
	22			



		Transke	A .	1 4401
1			Amount	
241	Fixed			
		Item		
242	Variable with Time			
		Item		
243	Variable with Value			
243	variable with value	14		
		Item		
	VERMIN			
244	Fixed			
244	Tived	Item		
		item		
245	Variable with Time			
		Item		
246	Variable with Value			
		Item		
	WORKMEN'S COMPENSATION INSURANCE			
	The Contractor and domestic sub-contractors shall insure workmen in terms of the Employee Compensation Act 5 of 1995 or any amendment thereto and			
	shall deposit immediately with the Architect written confirmation of evidence of registration under the Workmen's Compensation Act when signing the			
	Contract.			
	Persons not falling under the abovementioned Act must be insured under			
	individual Personal Accident Insurance policies to the satisfaction of the Architect.			
247	Fixed			
		Item		
248	Variable with Time			
		Item		
249	Variable with Value			
243	variable with value	ltom		
		Item		
	OPEN FIRES			
	No open fires will be permitted except in such places as are approved by the			
	Project Manager. Any workmen or labourers lighting fires in unauthorised places are to be immediately dismissed.			
				<del> </del>
	Carried to Collection	N\$		
				+
	Bill No. 1			
	Preliminaries			
	23			



1			Amount	
250	Fixed			
		Item		
251	Variable with Time			
		Item		
252	Variable with Value			
232	variable with value	Item		
		Rom		
	BLASTING			
	The Contractor shall take all responsibility during blasting operations, should any be necessary, and must observe all conditions set forth in Government and Local Authority Regulations. The use of explosives is left to the discretion of the Contractor who must indemnify the Employer against any claims for damages to persons on or near the site from any cause whatsoever arising out of the use of explosives. The Contractor will be held solely responsible for and must immediately make good, at his own expense, any damage that may occur through the use of explosives			
253	Fixed			
		Item		
254	Variable with Time			
		Item		
255	Variable with Value			
200	variable with value	Item		
	AS BUILT DRAWINGS			
	The position of construction breaks and the extent of individual concrete pours to be recorded by the Contractor on the Structural Engineers' drawings and are to be submitted to the Architect and the Structural Engineer for their records.			
	The Contractor shall furnish the Architect with a set of marked drawings indicating the positions of all plumbing and drainage and electrical cables and pipe work as actually built.			
256	Fixed			
		Item		
257	Variable with Time			
		Item		
258	Variable with Value			
236	variable with value	Item		
		Rom		
	Carried to Collection	N\$		
	Bill No. 1			
	Preliminaries			
	24			



1			Amount	
	PROTECTION OF TREES, ETC.			
	Only those trees as are indicated by the Principal Agent shall be removed. All other trees are to be protected during the building operations and no workmen may damage these trees in any way. The Contractor is to note that some trees may occur within the area of building			
	operations. Before removing such trees, the Contractor is to obtain specific instructions from the Principal Agent as whether such trees may be removed or not.			
259	Fixed			
		Item		
222	V + 11 - 20 <del></del> -			
260	Variable with Time			
		Item		
261	Variable with Value			
		Item		
	Carried to Collection	N\$		
	Carried to Collection	фи		
	Bill No. 1			
	Preliminaries			
	25			
			,	



		Amount
BILL NO. 1		
<u>PRELIMINARIES</u>		
COLLECTION		
	Page No	
Brought Forward from Page	1	
	2	
	3	
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	5	
	6	
	7	
	8	
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	14	
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	23	
Carried to Next	N\$	
Bill No. 1		
Preliminaries		
26		



			Transit	Amount	ai vvoi
	_			Amount	
	В	rought from Previous	N\$		
			24		
			25		
					+
		Carried to Summary	N\$		
Bill No. 1					
Preliminaries					
	27				



1		Rate	Amount
	BILL NO. 2 EXTERNAL WORKS (PROVISIONAL)		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition) and to the Supplementary preambles which are incorporated in this Bill.		
	ROADWORK, PARKING AREAS AND PAVING		
	Removal of interlocks, etc		
1	60mm interlocking pavers.		
	<u>m² 1700</u>		
	Open face excavation to form platform:		
2	Open face excavation to form platform under roads, parking areas, etc and depositing excavated material over site including haulage not exceeding 1km from perimeter of excavation		
	<u>m³</u> 770		
	Extra over for excavation in:		
3	Soft rock.		
	m³ 225		
	Harden In		
4	Hard rock.		
	m³ 109		
	Surface preparation, etc:		
5	Roadbed preparation, etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93 % Mod AASHTO density (materials to comply with CBR >25%)		
	m² 6835		
	Earth filling from excavated material:		
6	Under roads, walkways, etc		
	m <sup>3</sup> 770		
_	Earth filling supplied by the contractor under pavings etc		
7	Over site of G7 material in accordance with SABS 1200ME, stabilised to attain UCS > 1,0 MPa after seven days and compacted to 93% Mod AASHTO density.		
	m <sup>3</sup> 1025		
	Carried to Collection	N\$	
	Bill No. 2		
	External Works (provisional)		
	28		



		Rate	Amount	,
8	Over site of G5 material in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density			
	m³ 1275			
9	Over site of G4 material in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density			
	<u>m³</u> 1796			
	Approved brand of anti-termite soil poison mixied with an approved brand of weedkiller and applied in accordance with the manufacturer's instructions:			
10	Under paving to parking areas etc to falls			
	<u>m²</u> 7835			
	35Mpa 80mm thick standard grey double zig zag interlocking roadstone paving with open joints on and including 20mm thick river sand bed with dry filler sand swept and vibrated into joints all laid on subgrade (elsewhere measured) conforming to SABS 1200D degree of accuracy I.			
11	Paving to road areas, etc.			
	<u>m² 6135</u>			
	35Mpa 60mm thick standard grey double zig zag interlocking roadstone paving with open joints on and including 25mm thick river sand bed with dry filler sand swept and vibrated into joints all laid on subgrade (elsewhere measured) conforming to SABS 1200D degree of accuracy I.			
12	Paving to parking, walkways, etc.			
	<u>m² 1370</u>			
	50mm brick paving with open joints on and including 25mm thick river sand bed with dry filler sand swept and vibrated into joints all laid on subgrade (elsewhere measured) conforming to SABS 1200D degree of accuracy I.			
13	Paving to walkways, etc.			
	<u>m² 330</u>			
	Precast concrete kerbing (complying with SABS 927) in 1m lengths, wet pressed, placed in position, bedded and jointed in (3:1) cement mortar and flush pointed on exposed faces, including 15MPa/19mm unreinforced concrete haunching at back of each joint, excavation, backfilling, ramming, etc.:			
14	Barrier kerb 125 x 250mm high.			
	<u>m 1058</u>			
	Carried to Collection	N\$		
	Bill No. 2 External Works (provisional)			

29



1			Rate	Amount	
15	Mountable kerb 250 x 125mm high.		2.4		
		<u>m 1</u>	<u>04</u>		
	Grade 30Mpa/19mm unreinforced concrete in:				
16	Cross beam size mm wide x 300mm deep overall with including all necessary excavation, dressing out of an waterproofing membrane around same as required.	h one chamfered edge d treatment and	9,		
		m 1:	20		
		Carried to Collecti	on NA		_
		Carried to Collecti	on <b>N\$</b>		
	Bill No. 2				
	External Works (provisional)				
	30				



	I	Amount	
BILL NO. 2			
EXTERNAL WORKS (PROVISIONAL)			
COLLECTION			
<u></u>	Page No		
	1 ago 140		
Brought Forward from Page	28		
	29		
	30		
Carried to Summary	N\$		
			_
Bill No. 2			
External Works (provisional)  31			
	I	1	



ı			Amount	
	BILL NO. 3			
	BUDGETARY ALLOWANCES			
	BUDGETARY ALLOWANCES			
	Budgetary Allowances			
1	Provide the sum of N\$300,000.00 (Three Hundred Thousand Namibia Dollars) for Landscaping.			
		Item	300 000	00
2	Provide the sum of N\$200,000.00 (Two Hundred Thousand Namibia Dollars) for Road Markings and Signage.			
	101 Moda Markings and Cignage.	Item	200 000	00
3	Provide the sum of N\$250,000.00 (Two Hundred and Fifty Thousand Namibia Dollars) for Stormwater Management.			
	Namibia Bollars) for Stormwater Management.	Item	250 000	00
		Rom	200 000	00
4	Provide the sum of N\$100,000.00 (One Hundred Thousand Namibia Dollars) for Re-routing of damaged Telecom Line.			
		Item	100 000	00
	Carried to Summary	N\$		
	Bill No. 3			
	Budgetary Allowances			
	32			



I	 		Amount	
Bill No.	SUMMARY	Page		
1	PRELIMINARIES	27		
2	EXTERNAL WORKS (PROVISIONAL)	31		
3	BUDGETARY ALLOWANCES	32		
	ADD: CONTINGENCIES			
	Allow the Amount of N\$500,000.00 (Five Hundred Thousand Namibia Dollars) for contingencies, to be used by the Project Manager as per Conditions of Contract to be deducted in whole or part if not needed.		500 000	00
	SubTotal before VAT			
	ADD VAT @ 15%:			
	Carried to Tender	N\$		
	SUMMARY			
	33			