

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO				#	#	County: ISIOLO				From: 32+000	To: 33+000	pg 14																
Chainage:	32+000				32+200				32+400				32+600				32+800				33+000									
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																		Aver. (m) 1 to 4 readings											
Bush Clearing	6	6	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	6	6	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m
Tree and stump removal	0					m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																		Aver. (m) 1 to 4 readings ^{*)}											
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																				Total this page									
Bush Clearing	1,400	m2		1,400	m2		1,400	m2		1,400	m2		1,400	m2		1,400	m2		7,000											
Grass Cutting		m2			m2			m2			m2			m2			m2													
Grubbing	1,000	m2		1,000	m2		1,000	m2		1,000	m2		1,000	m2		1,000	m2		5,000											
Tree and stump removal	0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0											
	Quantities																				Total this page									
Height of cut < 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0											
Height of cut > 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0											
Embankment/Fill	378	m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)		378											
Drains full re-construction	242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		1,208											
Reshaping by Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)													
By Towed Grader/Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)													
By Equipment Based Method		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)													
Data Collected by: Name: Date: Signature:																														

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO				#	#	County: ISIOLO				From: 33+000				To: 34+000				pg	15									
Chainage:	33+000				33+200				33+400				33+600				33+800				34+000									
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																		Aver. (m) 1 to 4 readings											
Bush Clearing	5	5	0	0	0	m	5	5	0	0	0	m	5	5	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	5	5	0	0	0	m	5	5	0	0	0	m	5	5	0	0	0	m	6	6	0	0	0	m	6	6	0	0	0	m
Tree and stump removal	0					m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																		Aver. (m) 1 to 4 readings ^{*)}											
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																		Total this page											
Bush Clearing	1,600		m2		1,600		m2		1,600		m2		1,400		m2		1,400		7,600											
Grass Cutting			m2				m2				m2				m2															
Grubbing	1,200		m2		1,200		m2		1,200		m2		1,000		m2		1,000		5,600											
Tree and stump removal	0		No.		0		No.		0		No.		0		No.		0		0											
	Quantities																		Total this page											
Height of cut < 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		0											
Height of cut > 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		0											
Embankment/Fill	459		m3 (insitu)		459		m3 (insitu)				m3 (insitu)				m3 (insitu)				918											
Drains full re-construction	242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		1,208											
Reshaping by Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)															
By Towed Grader/Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)															
By Equipment Based Method			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)															
Data Collected by: Name: Date: Signature:																														

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO					#	#	County: ISIOLO					From: 34+000					To: 35+000					pg	16					
Chainage:	34+000					34+200					34+400					34+600					34+800					35+000				
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Bush Clearing	5	5	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	5	5	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m
Tree and stump removal	0					m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																				Total this page									
Bush Clearing	1,600		m2		1,800		m2		1,800		m2		1,800		m2		1,800		m2		8,800									
Grass Cutting			m2				m2				m2				m2				m2											
Grubbing	1,200		m2		1,400		m2		1,400		m2		1,400		m2		1,400		m2		6,800									
Tree and stump removal	0		No.		0		No.		0		No.		0		No.		0		No.		0									
	Quantities																				Total this page									
Height of cut < 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Height of cut > 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Embankment/Fill	1,134		m3 (insitu)		1,134		m3 (insitu)		1,134		m3 (insitu)		1,134		m3 (insitu)		1,134		m3 (insitu)		5,670									
Drains full re-construction	242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		1,208									
Reshaping by Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Towed Grader/Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Equipment Based Method			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
Data Collected by: Name: Date: Signature:																														

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO					#	#	County: ISIOLO					From: 35+000					To: 36+000					pg	2					
Chainage:	35+000					35+200					35+400					35+600					35+800					36+000				
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Bush Clearing	4	4	0	0	0	m	4	4	0	0	0	m	5	5	0	0	0	m	5	5	0	0	0	m	5	5	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	4	4	0	0	0	m	4	4	0	0	0	m	5	5	0	0	0	m	5	5	0	0	0	m	5	5	0	0	0	m
Tree and stump removal	0					m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																								Total this page					
Bush Clearing	1,800		m2		1,800		m2		1,600		m2		1,600		m2		1,600		m2		8,400									
Grass Cutting			m2				m2				m2				m2				m2											
Grubbing	1,400		m2		1,400		m2		1,200		m2		1,200		m2		1,200		m2		6,400									
Tree and stump removal	0		No.		0		No.		0		No.		0		No.		0		No.		0									
	Quantities																								Total this page					
Height of cut < 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Height of cut > 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Embankment/Fill	1,134		m3 (insitu)		1,134		m3 (insitu)		1,134		m3 (insitu)		1,134		m3 (insitu)		1,134		m3 (insitu)		5,670									
Drains full re-construction	242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		1,208									
Reshaping by Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Towed Grader/Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Equipment Based Method			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
Data Collected by: Name: Date: Signature:																														

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO					#	#	County: ISIOLO					From: 36+000					To: 37+000					pg	3					
Chainage:	36+000					36+200					36+400					36+600					36+800					37+000				
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Bush Clearing	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m
Tree and stump removal	0					m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																									Total this page				
Bush Clearing	1,800		m2		1,800		m2		1,800		m2		1,800		m2		1,800		m2		1,800		m2		9,000					
Grass Cutting			m2				m2				m2				m2				m2				m2							
Grubbing	1,400		m2		1,400		m2		1,400		m2		1,400		m2		1,400		m2		1,400		m2		7,000					
Tree and stump removal	0		No.		0		No.		0		No.		0		No.		0		No.		0		No.		0					
	Quantities																									Total this page				
Height of cut < 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0					
Height of cut > 0.25m			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)							
Embankment/Fill	1,134		m3 (insitu)		567		m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)		1,701					
Drains full re-construction	242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		1,208					
Reshaping by Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)							
By Towed Grader/Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)							
By Equipment Based Method			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)							
Data Collected by: Name: Date: Signature:																														

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO					#	#	County: ISIOLO					From: 37+000					To: 38+000					pg	4					
Chainage:	37+000					37+200					37+400					37+600					37+800					37+000				
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Bush Clearing	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m
Tree and stump removal	0					m						m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																				Total this page									
Bush Clearing	1,800	m2		1,800	m2		1,800	m2		1,800	m2		1,800	m2		1,800	m2		9,000											
Grass Cutting		m2			m2			m2			m2			m2			m2													
Grubbing	1,400	m2		1,400	m2		1,400	m2		1,400	m2		1,400	m2		1,400	m2		7,000											
Tree and stump removal	0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0											
Quantities																					Total this page									
Height of cut < 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0											
Height of cut > 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0											
Embankment/Fill		m3 (insitu)			m3 (insitu)		378	m3 (insitu)		378	m3 (insitu)		378	m3 (insitu)		378	m3 (insitu)		1,134											
Drains full re-construction	242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		1,208											
Reshaping by Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)													
By Towed Grader/Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)													
By Equipment Based Method		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)													
Data Collected by: Name: Date: Signature:																														

Quantity Assessment						ISOLO-MLANGO-OLDONYIRO						#	#	County:						ISOLO						From: 38+000						To: 39+000						pg	5
Chainage:						23+000						23+200						23+400						23+600						23+800						24+000			
Input Measurements:						Free Clearance Width for Calculating areas																																	
						Aver. (m) 1 to 4 readings ^{y)}																		Aver. (m) 1 to 4 readings															
Bush Clearing						4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m				
Grass Cutting											m						m						m						m					m					
Grubbing						4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m	4	4	0	0	0	m				
Tree and stump removal						0					m	0					m	0					m	0					m	0					m				
^{y)} Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																							
Cross Section Sketch																																							
Measurements for small cut to fill:						Height of Cut / Differences in Levels for calculating volumes																																	
						Aver. (m) 1 to 4 readings ^{y)}																		Aver. (m) 1 to 4 readings ^{y)}															
Height of cut < 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm				
Height of cut > 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm				
For Reshaping : Difference in Level between Exist. Camber and Side Drain for calculating volumes																																							
Existing Roads						0					cm	0					cm	0					cm	0					cm	0					cm				
Sloping											cm						cm						cm						cm						cm				
^{y)} Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																							
Quantities:						Quantities																														Total this page			
Bush Clearing						1,800		m2		1,800		m2		1,800		m2		1,800		m2		1,800		m2		1,800		m2		1,800		9,000							
Grass Cutting								m2				m2				m2				m2				m2				m2											
Grubbing						1,400		m2		1,400		m2		1,400		m2		1,400		m2		1,400		m2		1,400		m2		7,000									
Tree and stump removal						0		No.		0		No.		0		No.		0		No.		0		No.		0		No.		0		0							
						Quantities																														Total this page			
Height of cut < 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		0							
Height of cut > 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		0							
Embankment/Fill						378		m3 (insitu)		378		m3 (insitu)		378		m3 (insitu)		378		m3 (insitu)		378		m3 (insitu)		378		m3 (insitu)		242		1,512							
Drains full re-construction						242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		1,208							
Reshaping by Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Towed Grader/Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Equipment Based Method								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
Data Collected by: Name: Date: Signature:																																							

