

Quantity Assessment		-	#	-	#	-	#	-	#	-	#	-	#	-											
Chainage:		11.0				11.2				11.4				11.6				11.8				12.0			
Input Measurements:		Free Clearance Width for Calculating areas																							
		Aver. (m) 1 to 4 readings ¹⁾												Aver. (m) 1 to 4 readings ¹⁾											
Bush Clearing	10	10	10	m	9	9	9	m	9	9	9	m	9	9	9	m	9	9	9	m					
Grass Cutting				m				m				m				m				m					
Grubbing	7.5	7	8	m	8	8	8	m	8.5	8	9	m	8	8	8	m	8	8	8	m					
Tree and stump removal	0	0	0	m	0	0	0	m	0	0	0	m	3		3	m	0			m					
¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																									
Measurements for small cut to fill:		Height of Cut / Differences in Levels for calculating volumes																							
		Aver. (m) 1 to 4 readings ¹⁾												Aver. (m) 1 to 4 readings ¹⁾											
Height of cut < 0.25m	0			cm	0			cm	0			cm	0			cm	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					
¹⁾ 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	800	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	4,800					
Grass Cutting		m2		m2		m2		m2		m2		m2		m2		m2		m2							
Grubbing	1,100	m2	1,000	m2	900	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	5,000					
Tree and stump removal	0	No.	0	No.	0	No.	3	No.	0	No.	3	No.	0	No.	0	No.	0	No.	0	3					
Quantities		Quantities																		Total this page					
Height of cut < 0.25m		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)							
Height of cut > 0.25m	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	0					
Embankment		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)							
Drains full re-construction	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	1,190					
Reshaping by Labour		m3 (insitu)		m3 (insitu)		m3 (insitu)		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)		m3 (insitu)		m3 (insitu)		m3 (insitu)							
By Equipment Based Method		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)							
Data Collected by:		Name:																		Date:		Signature:			

Quantity Assessment - # - # **ISIOLO** - # - # -

Chainage: 12.0 12.2 12.4 12.6 12.8 13.0

Input Measurements:	Free Clearance Width for Calculating areas												Aver. (m) 1 to 4 readings ¹⁾							
	Aver. (m) 1 to 4 readings ¹⁾																			
Bush Clearing	9.5	9	10	m	10	10	10	m	9	9	9	m	9	9	9	m	9.5	10	9	m
Grass Cutting				m				m				m				m				m
Grubbing	8.5	8	9	m	9	9	9	m	7.5	8	7	m	7.5	7	8	m	8.5	9	8	m
Tree and stump removal	2	2	0	m	3	3	0	m	2	2	0	m	2	2	0	m	4	4	0	m

¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).

Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes												Aver. (m) 1 to 4 readings ¹⁾							
	Aver. (m) 1 to 4 readings ¹⁾																			
Height of cut < 0.25m				#				#				#				#				#

For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes												Aver. (m) 1 to 4 readings ¹⁾							
	Aver. (m) 1 to 4 readings ¹⁾																			
Existing Roads	0			#	0			#	0			#	0			#	0			#

¹⁾ 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	900	m2	800	m2	1,000	m2	1,000	m2	900	4,600	
Grass Cutting		m2		m2		m2		m2			
Grubbing	900	m2	800	m2	1,100	m2	1,100	m2	900	4,800	
Tree and stump removal	2	No.	3	No.	2	No.	2	No.	4	13	

	Quantities									Total this page	
Height of cut < 0.25m		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)			
Height of cut > 0.25m	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	0	
Embankment		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)			
Drains full re-construction	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	1,190	
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				-	#	-	#	-							
Chainage:		14.0	14.2			14.4			14.6			14.8			15.0						
Input Measurements:		Free Clearance Width for Calculating areas																			
	Aver. (m)	1 to 4 readings ¹⁾												Aver. (m)	1 to 4 readings ¹⁾						
Bush Clearing	10	10	10	10	m	10	10	10	m	11	11	11	m	10	10	10	m	9	9	9	m
Grass Cutting					m				m				m				m				m
Grubbing	8.5	8	9		m	9	9	9	m	9	9	9	m	9	9	9	m	8	8	8	m
Tree and stump removal	4	0	4		m	3	3	0	m	2	2	0	m	4		4	m	0			m
¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																					
Measurements for small cut to fill:		Height of Cut / Differences in Levels for calculating volumes																			
	Aver. (m)	1 to 4 readings ¹⁾												Aver. (m)	1 to 4 readings ¹⁾						
Height of cut < 0.25m	0				cm	0			cm	0			cm	0			cm	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
¹⁾ 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	800	m2	800	m2	600	m2	800	m2	1,000	4,000											
Grass Cutting		m2		m2		m2		m2													
Grubbing	900	m2	800	m2	800	m2	800	m2	1,000	4,300											
Tree and stump removal	4	No.	3	No.	2	No.	4	No.	0	13											
Quantities		Quantities										Total this page									
Height of cut < 0.25m		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)													
Height of cut > 0.25m	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	0											
Embankment		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)													
Drains full re-construction	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	1,190											
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:																					

DETAILED IMPROVEMENT PLAN

Road Name: GOTU -MERTI

County: ISIOLO

From: 15+000

To: 16+000

Chain- age	(kilometres)		Road form.	Earth- works	Gra- vel	Mitre drains	Catch water	Culverts	Head- walls	Scour Checks	Additional Instruction as per Reference
	(metres)										
15 + 0	Subgrade	RES	RES	RES	15 1	0	1				
	Cross section	RES	RES	RES	15 1	0	1				
15 + 100	Subgrade	RES	RES	RES	15 1	-2	1				
	Cross section	RES	RES	RES	15 1	-2	1				
15 + 200	Subgrade	RES	RES	RES	15 1	0	1				
	Cross section	RES	RES	RES	15 1	0	1				
15 + 300	Subgrade	RES	RES	RES	15 1	-2	1				
	Cross section	RES	RES	RES	15 1	-2	1				
15 + 400	Subgrade	RES	RES	RES	15 1	2					
	Cross section	RES	RES	RES	15 1	2					
15 + 500	Subgrade	RES	RES	RES	15 1	3	1				
	Cross section	RES	RES	RES	15 1	3	1				
15 + 600	Subgrade	RES	RES	RES	15 1	0					
	Cross section	RES	RES	RES	15 1	0					
15 + 700	Subgrade	RES	RES	RES	15 1	-2					
	Cross section	RES	RES	RES	15 1	-2					
15 + 800	Subgrade	RES	RES	RES	15 1	-3	1				
	Cross section	RES	RES	RES	15 1	-3	1				
15 + 900	Subgrade	RES	RES	RES	15 1	-3	1				
	Cross section	RES	RES	RES	15 1	-3	1				
16 + 0	Subgrade	RES	RES	RES	15 1	-3	1				
	Cross section	RES	RES	RES	15 1	-3	1				

Quantity Assessment		-	#	-	-	ISIOLO				-	#	-	#	-																		
Chainage:		15.0					15.2					15.4					15.6					15.8					16.0					
Input Measurements:		Free Clearance Width for Calculating areas																														
		Aver. (m) 1 to 4 readings ¹⁾															Aver. (m) 1 to 4 readings ¹⁾															
Bush Clearing		10	10	10	m	10	10	10	m	10	10	10	m	10	10	10	m	10	10	10	m	10	10	10	m	10	10	10	m			
Grass Cutting					m													m							m							
Grubbing		9	9	9	m	8.5	9	8	m	8	8	8	m	8	8	8	m	8	8	8	m	8	8	8	m	8	8	8	m			
Tree and stump removal		0	0	0	m	0	0	0	m	0	0	0	m	3	3	3	m	0	0	0	m	0	0	0	m	0	0	0	m			
		¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
		2																														
Measurements for small cut to fill:		Height of Cut / Differences in Levels for calculating volumes																														
		Aver. (m) 1 to 4 readings ¹⁾															Aver. (m) 1 to 4 readings ¹⁾															
Height of cut < 0.25m		0				cm	0				cm	0				cm	50	50	50	cm	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						
		¹⁾ 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		800	m2	800	m2	800	m2	800	m2	800	m2	800	m2	800	m2	4,000																
Grass Cutting					m2				m2				m2				m2															
Grubbing		800	m2	900	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	1,000	m2	4,700																
Tree and stump removal		0	No.	0	No.	0	No.	3	No.	0	No.	0	No.	0	No.	3																
		Quantities										Total this page																				
Height of cut < 0.25m					m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)															
Height of cut > 0.25m		0				m3 (insitu)	0				m3 (insitu)	0				m3 (insitu)	0															
Embankment					m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)															
Drains full re-construction		238				m3 (insitu)	238				m3 (insitu)	238				m3 (insitu)	238															
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				-	#	-	#	-									
Chainage:		16.0				16.2				16.4				16.6				16.8				17.0	
Input Measurements:		Free Clearance Width for Calculating areas																					
		Aver. (m) 1 to 4 readings ¹⁾												Aver. (m) 1 to 4 readings ¹⁾									
Bush Clearing		10	10	10	m	10	10	10	m	13	10	16	m	10	10	10	m	9	9	9	m		
Grass Cutting					m				m				m				m				m		
Grubbing		8	8	8	m	9	9	9	m	9	9	9	m	9	9	9	m	8	8	8	m		
Tree and stump removal		0	0	0	m	0	0	0	m	4	0	4	m	4	4		m	0			m		
¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																							
Measurements for small cut to fill:		Height of Cut / Differences in Levels for calculating volumes																					
		Aver. (m) 1 to 4 readings ¹⁾												Aver. (m) 1 to 4 readings ¹⁾									
Height of cut < 0.25m		0			cm	0			cm	0			cm	0			cm	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		
¹⁾ 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		800	m2	800	m2	200	m2	800	m2	1,000	m2	3,600											
Grass Cutting			m2		m2		m2		m2		m2												
Grubbing		1,000	m2	800	m2	800	m2	800	m2	1,000	m2	4,400											
Tree and stump removal		0	No.	0	No.	4	No.	4	No.	0	No.	8											
Quantities		Quantities																		Total this page			
Height of cut < 0.25m			m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)												
Height of cut > 0.25m		0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0											
Embankment			m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)												
Drains full re-construction		238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	1,190											
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		-	#	-	#	ISILO				-	#	-	#	-		
Chainage:		17.0		17.2		17.4		17.6		17.8		18.0				
Input Measurements:		Free Clearance Width for Calculating areas														
	Aver. (m)	1 to 4 readings ¹⁾											Aver. (m)	1 to 4 readings ¹⁾		
Bush Clearing	10	10	10	m	9.5	10	9	m	9.5	9	10	m	10	10	10	m
Grass Cutting				m				m				m				m
Grubbing	8	8	8	m	7	7	7	m	8.5	8	9	m	9	9	9	m
Tree and stump removal	3	3	0	m	0	0	0	m	0	0	0	m	0	0	0	m
¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																
Measurements for small cut to fill:		Height of Cut / Differences in Levels for calculating volumes														
	Aver. (m)	1 to 4 readings ¹⁾											Aver. (m)	1 to 4 readings ¹⁾		
Height of cut < 0.25m	0			cm	0			cm	0			cm	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
¹⁾ 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	800	m2	900	m2	900	m2	800	m2	800	m2	4,200					
Grass Cutting		m2		m2		m2		m2		m2						
Grubbing	1,000	m2	1,200	m2	900	m2	800	m2	800	m2	4,700					
Tree and stump removal	3	No.	0	No.	0	No.	0	No.	0	No.	3					
Quantities		Quantities										Total this page				
Height of cut < 0.25m		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)						
Height of cut > 0.25m	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0					
Embankment		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)						
Drains full re-construction	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	1,190					
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				-	#	-	#	-							
Chainage:	18.0	18.2	18.4	18.6	18.8					19.0											
Input Measurements:	Free Clearance Width for Calculating areas																				
	Aver. (m) 1 to 4 readings ¹⁾											Aver. (m) 1 to 4 readings ¹⁾									
Bush Clearing	9	9	9	m	9	9	9	m	9.5	9	10	m	9	10	8	m	10	10	10	m	
Grass Cutting				m				m				m				m				m	
Grubbing	7	7	7	m	8	8	8	m	8.5	8	9	m	7	8	6	m	7.5	7	8	m	
Tree and stump removal	0	0	0	m	0	0	0	m	0	0	0	m	3	3		m	0			m	
¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																					
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																				
	Aver. (m) 1 to 4 readings ¹⁾												Aver. (m) 1 to 4 readings ¹⁾								
Height of cut < 0.25m	0			cm	0			cm	0			cm	0			cm	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	
¹⁾ 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	1,000	m2	1,000	m2	900	m2	1,000	m2	800	m2	4,700										
Grass Cutting		m2		m2		m2		m2		m2											
Grubbing	1,200	m2	1,000	m2	900	m2	1,200	m2	1,100	m2	5,400										
Tree and stump removal	0	No.	0	No.	0	No.	3	No.	0	No.	3										
Quantities:	Quantities										Total this page										
Height of cut < 0.25m		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)											
Height of cut > 0.25m	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0										
Embankment		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)											
Drains full re-construction	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	1,190										
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:							

DETAILED IMPROVEMENT PLAN

Road Name: GOTU -MERTI		County: ISIOLO		From: 19+000		To: 20+000			
Chain- age	(kilometres)	19 + 0						20 + 0	
	(metres)	19 + 0						20 + 0	
Road form.	Subgrade	SG	SG	SG	SG	SG	SG		
	Cross section	B	B	B	B	B	B		
Earth-works	Method: RES, ETL or FILL	RES	RES	RES	RES	RES	RES		
	Choice of reshaping: L, T or E	E	E	E	E	E	E		
	Volume of ETL or Fill (m3/m)								
Gra- vel	Total	15	15	15	15	15	15		
	Thickness (cm.comp.) Source (quarry No.)	825							
Longitudinal gradient (in %)		2	3	3	2	0	0		
Mitre drains	Total	16	16	16	16	16	16		
	Number left = Number right =	1 1	1 1	1 1	1 1	1 1	1 1		
Catch water	Total	0	0	0	0	0	0		
	Length of drain left = Length of drain right =								
Culverts	N	Chainage (m) = New line						20+000 N	
	Ex	= Existing line							
	CD	= Cross drainage							
	AC/D	= Access culvert/ drift							
	L/R	= Left/ right							
	Length (m)	Ø 450mm							
		Ø 600mm							
Ø 900mm									
Ramp	Earth fill (m3)								
	H. Concrete (m3)								
Head- walls	Inlet (Material/Type)								
	Outlet (Material/Type)								
Scour Checks	HC	= Material this sheet/ Spacing left (m) =							
		Spacing right (m) =							
	0	=Total No. this sheet							
Additional Instruction as per Reference									

Quantity Assessment		-	#	-	#	ISIOLO				-	#	-	#	-								
Chainage:		19.0				19.2				19.4				19.6				19.8				20.0
Input Measurements:		Free Clearance Width for Calculating areas																				
		Aver. (m) 1 to 4 readings ¹⁾														Aver. (m) 1 to 4 readings ¹⁾						
Bush Clearing		9	9	9	m	9	9	9	m	9.5	9	10	m	9	9	9	m	9	9	9	m	
Grass Cutting					m				m				m				m				m	
Grubbing		7.5	7	8	m	8	8	8	m	8.5	8	9	m	8	8	8	m	8	8	8	m	
Tree and stump removal		0	0	0	m	0	0	0	m	0	0	0	m	3	3		m	0			m	
¹⁾ Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																						
Measurements for small cut to fill:		Height of Cut / Differences in Levels for calculating volumes																				
		Aver. (m) 1 to 4 readings ¹⁾														Aver. (m) 1 to 4 readings ¹⁾						
Height of cut < 0.25m		0			cm	0			cm	0			cm	0			cm	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	
¹⁾ 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		1,000	m2	1,000	m2	900	m2	1,000	m2	1,000	m2	4,900										
Grass Cutting			m2		m2		m2		m2		m2											
Grubbing		1,100	m2	1,000	m2	900	m2	1,000	m2	1,000	m2	5,000										
Tree and stump removal		0	No.	0	No.	0	No.	3	No.	0	No.	3										
Quantities:		Quantities										Total this page										
Height of cut < 0.25m			m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)											
Height of cut > 0.25m		0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0	m3 (insitu)	0										
Embankment			m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)		m3 (insitu)											
Drains full re-construction		238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	238	m3 (insitu)	1,190										
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:						