

Data Sheet				
Client: South Africa Farmers Development Association		Tender No.	10969/1/2/M1	
Project: Mkhuze Rail Siding		Data Sheet	1	
Project No.: 10969-001-02		Date.	2020/12/14	
Excavator Based Cane Loader				
Item	Description	Units	Input	COMMENTS
Process Parameters				
1	Product retrieved	tons	Whole stick cane	
2	Product flow rate	TPH	190	
3	Product bulk density	kgs/m3	350	
4	Cabin	yes	air conditioned	
5	Maximum reach along ground	m	9	
6	Maximum loading height	m	5	
7	Bucket type		cane grapple	
8	Bucket capacity	tons	1.5 - 2.0	
9	Radiator fan	Specify		
10	Air filter	Specify		
11	Automatic grease lubrication	Specify		
12	Maintenance service plan	Specify		
13	Emergency fire extinguisher system	Specify		
14	High engine temperature alarm	Specify		
15	First fill of all lubricants and oil	Specify		
16	Vehicle Max Fuel Consumption	L/hr		
Additional Information Required				
17	Allowance for training of Client's/Purchasers staff	Days		
18	Allowance for supply of operation & maintenance manuals	Specify		
19	Post installation support	Specify		
20	Response time in the event of break down	hours		

Shunting Tractors (2 off)				
Item	Description	Units	Data	Bidder's In put
Process Parameters				
1	Shunting capability	tons	3 x 60T rail wagons	
2	Tractor mass	tons		
3	Engine power	KW		
4	Cabin	Specify		
5	Air filter	Specify		
6	Automatic grease lubrication	Specify		
7	Maintenance service plan	Specify		
8	Emergency fire extinguisher system	Specify		
9	High engine temperature alarm	Specify		
10	First fill of all lubricants and oil	Specify		
11	Vehicle Max Fuel Consumption	L/hr		
Additional Information Required				
12	Allowance for training of Client's/Purchasers staff	Days		
13	Allowance for supply of operation & maintenance manuals	Specify		
14	Post installation support	Specify		
15	Response time in the event of break down	hours		
In Field Loader				
Item	Description	Units	Data	Bidder's In put
Process Parameters				
1	Grab capacity	kgs	1000	
2	Engine power	KW	>40	
3	Air filter	Specify		
4	Maintenance service plan	Specify		
5	Emergency fire extinguisher system	Specify		
6	High engine temperature alarm	Specify		
7	First fill of all lubricants and oil	Specify		
8	Vehicle Max Fuel Consumption	L/hr		
Additional Information Required				
9	Allowance for training of Client's/Purchasers staff	Days		
10	Allowance for supply of operation & maintenance manuals	Specify		
11	Post installation support	Specify		
12	Response time in the event of break down	hours		