

	TELECOMMUNICATIONS		Template Identifier	240-139189078
	PROJECT		Document Revision	6
	DETAILED COST ESTIMATE		Effective date	13 Apr 2023

QUOTATION DETAILS				
Project Name	PRJ11281			
Project Number	PRJ11281	Workplace Project Number	PRJ11281	
Engineer	Sithembiso Harmans	Telephone Number	021 980 3960	
E-mail	Harmans@eskom.co.za	Engineering Region	Western Cape	
Project Manager	Telephone Number			
Postal Address	Telecommunications, Corner of Power and Lake Street, Germiston, 1400			

CUSTOMER DETAILS				
	EXTERNAL	INTERNAL	Y	TELECOMS
Customer Name	TX Western Cape		Telephone Number	011 871 2634
Contact Person	Lungie Nogel		E-mail	Nogelal@eskom.co.za
Project Manager	Rod Speedy		Telephone Number	0 11 800 2534
Order/WBS Number			Date Customer Requested for Service	15-Jun-2023
Postal Address				

CUSTOMER REQUIREMENTS				
TX requested comms circuits for Erica SS. Erica SS is a new Substn that will be built in Cape Peninsula area close to R300. Erica SS comms will be commissioned to Philippi SS, the line length is approximately 7 KM.				

PROPOSED SCOPE OF WORK				
Erica SS				
Contractor scope:				
Contractor to procure and install all equipment as per the BOQ. Contractor to install cabinet as allocated in the room layout.				
Contractor to install MSAP Fox 615, IR8340 router and Telephones as indicated in the planning book. Contractor to arrange with ALTRON NEXUS to install and commission OSN 1800V OTN equipment.				
Telecomms Scope:				
Commission MSAP Fox 615, IR8340 router, direct lines and all other cct that requested for Erica SS.				
Philippi SS				
Contractor Scope: Arrange with ALTRON NEXUS to install OSN 1800V OTN equipment.				
Telecomms Scope: Commission E1's for Erica SS MSAP Fox 615. And ensure with ALTRON NEXUS OTN link is commissioned between Philippi and Acacia.				
Acacia SS				
Contractor Scope: Arrange with ALTRON NEXUS to commission OTN link to Philippi SS.				
Pinotage SS				
Contractor Scope: Arrange with ALTRON NEXUS to install and commission OSN 1800V to Stikland 400KV.				
Stikland SS 400KV				
Contractor Scope: Arrange with ALTRON NEXUS to install and commission OSN 1800V to Pinotage 400KV.				
Telecommunication Scope for Pinotage SS and Stikland SS 400KV: Ensure that OSN 1800V between Pinotage and Stikland 400KV is omitted.				

Project Life Cycle Stage			Duration	Amount
CRA Costs excluding IDC for a duration of			0 MONTHS	
DRA Costs excluding IDC for a duration of			3 MONTHS	R 27 071
ERA Costs excluding IDC for a duration of			12 MONTHS	R 414 970
Total Project Cost excluding IDC for a duration of			15 MONTHS	R 442 041
Net change in Duration and ERA Cost				

REASON FOR DURATION CHANGE AND ERA COST				

MONTHLY RENTAL				
CIRCUIT/OPERATING INCOME	QTY	COST	TOTAL	
Teleprotection (NSD570)- Stikland SS- TWPI069A	1	R 1 893	R 1 893	
SCADA (NCC)-NCCCK290A	1	R 3 619	R 3 619	
SCADA (SCC)- SCCCK290A	1	R 3 661	R 3 661	
SCADA (RCC)- DWCK059L	1	R 2 086	R 2 086	
Disturbance Recorder & TWS- ETHL1-0889	1	R 2 207	R 2 207	
Metering 1st cct ETHL1-1319	1	R 2 207	R 2 207	
Metering 2nd cct ETHL1-1324	1	R 2 207	R 2 207	
Teleprotection (NSD570)- Pinotage -TWPI070A	1	R 1 913	R 1 913	
EADS- ETHL1-0892	1	R 2 207	R 2 207	
Security- ETHL1-1321	1	R 2 207	R 2 207	
QOS- ETHL1-0891	1	R 2 207	R 2 207	
Erica IT cct - ETHL1-1320	1	R 186	R 186	
Direct Line NCV173A	1	R 3 250	R 3 250	
Direct Line SCVC173A	1	R 3 287	R 3 287	
IP Phone 1 ETHL1-1351	1	R 191	R 191	
IP Phone 2 ETHL1-1352	1	R 191	R 191	
IP Phone 3 ETHL1-1353	1	R 191	R 191	
Hot Line TWVH006A	1	R 191	R 191	
TOTAL MONTHLY RENTAL			R 33 898	

TERMS AND CONDITIONS				
1. The acceptance of the Detailed Cost Estimate will constitute a binding agreement.				
2. On acceptance of the Budget Quote the ERA phase for delivering the telecommunications services will start.				
3. The required payments and the services provided are in line with the current Service Level Agreement.				
4. All costs incurred will be at the customer's expense if any event or change of event prevents the project from being completed.				
5. Telecommunications will not be liable for implementation delays caused by customer related intervention.				

RECOMMENDED SIGNATURES				
1. I have supported this Detailed Cost Estimate on the given Scope of Work based on the Customer Request.				
AA.Hector		27 September 2023		
Senior Technologist (Name)	Senior Technologist(Signature)	Date		
2. I have validated this Detailed Cost Estimate.				
Key Accounts and Customer Service Manager (Name)		Key Accounts and Customer Service Manager (Signature)		Date
3. I have accepted this Detailed Cost Estimate.				
Project Manager (Name)		Project Manager (Signature)		Date
4. I have accepted the Detailed Cost Estimate and issued the Order/WBS Number.				
Customer (Name)		Customer (Signature)		Date
5. Circuits will be commissioned and the rental activated after the asset is put into commercial operation.				
Customer (Name)		Customer (Signature)		Date