Eskom

GEMMA CLUSTER
NORTH WEST OPERATING UNIT (NWOU)

Project Name:		Template Identifier:		
Supplier`s Name:		Effective Date:		
Job Name:		Review Date:		

Standard BOQ for North West Operating Unit Replacement of 11 - 33kV Wooden Poles for Livework

Item No	Description	UNIT	EST. QTY	RATE	TOTAL COST (4 YEARS)
1	**Preliminaries & General**				
1.1	**Site establishment (Only if site is established)**				
1.1.1	***Includes compliance on the following:*** 1. Personal Protective Equipment . 2. Risk Assessment Procedure, QM, Quality Management System, Health and Safety Specification, Environmental Plan, Safety Inspections, OHSA appointments, etc. 3. Safety Compliance (First aid boxes and consumables, Fire extinguishers inside the armoured carrier) Training related to safety **(....% of the total labour cost)**	%	R -	0%	R -
1.1.2	Sleeping out allowance in excess of 100km radiance (to eliminate/ minimize transport costs & to ensure safety of contractor employees). Prior authorisation to be given by the responsible Programme Manager or Project Manager. (per person per day)	Week	560	R -	R -
1.1.3	Site establishment (Only when instructed/ agreed upon to establishing a Site) to be paid with proof of agreement.	Week	560	R -	R -
2	**Transport**				
	** Programme Manager or Project Manager to authorise transport usage. Contractor to submit Invoice with a written task order from Programme Manager or Project Manager stating the duration and distance of transport usage.* **Transport of resources to and from site will be done in terms of OHS Act . The cost to the Contractor to provide safe transport for his employees should be in terms of the Construction Regulations Clause 21 (2) (a) and (i) & adhere to Eskom Life Saving rules.*				
2.1	LDV Transport 4 x 2 (With a Diff Lock)	Km	36000	R -	R -
2.2	LDV Transport 4 x 4	Km	36000	R -	R -
2.3	Transport for labour (minibus 13)	Km	36000	R -	R -
2.4	Transport for labour (minibus 23)	Km	25000	R -	R -
2.5	Transport truck 5 - 8 ton	Km	20000	R -	R -
2.6	Transport truck 5 - 8 ton with crane	Km	38950	R -	R -
2.7	Transport truck 9 - 14 ton	Km	20000	R -	R -
2.8	Transport truck 9 - 14 ton with crane	Km	20000	R -	R -
2.9	Live line Truck	Km	28200	R -	R -
2.1	Drill truck	Km	20000	R -	R -
2.11	TLB	Km	28200	R -	R -
3	**General Labour**				
3.1	Person in charge (PIC)	Rate/Hour	6064	R -	R -
3.2	PIC Sundays & Holidays	Rate/Hour	2880	R -	R -
3.3	Person to perform (PTP)	Rate/Hour	6064	R -	R -
3.4	PTP Sundays & Holidays	Rate/Hour	2880	R -	R -
3.5	Crane Operator	Rate/Hour	5760	R -	R -
3.6	Crane operator Sundays & Holidays	Rate/Hour	2880	R -	R -
3.7	General worker (T05)	Rate/Hour	6064	R -	R -
3.8	General Worker Sundays and Holidays	Rate/Hour	2880	R -	R -
4	**Excavations**				
	Note: ** Authorization by Project Co-ordinator for using of Auger and Compressor to be attached to invoice.* ** Holes to be to dimensions as per ESKOM specification*				
4.1	Hand excavation	ea	100	R -	R -
4.2	Mechanical excavation - Soft	ea	150	R -	R -
4.3	Hard (Auger Drilling)	ea	1159	R -	R -
4.4	Drilling Hard rock	ea	10427	R -	R -
5	**Materials**				
5.1	Material will be supplied by Eskom. Where Eskom cannot supply the materials, the contractor will supply and charge the cost + 10% handling fee.(Items shall be authorised by the project manager prior)(proof of purchase to be produced)	ea		R -	R -

6	Activities				
	Pole Replacement And Maintenance				
6.1	Pole top inspection	ea	3476	R -	R -
6.2	Strain insulator (Remove and replace)	ea	5793	R -	R -
6.3	Pin/post insulator (Remove and replace)	ea	11586	R -	R -
6.4	Intermediate insulator (Remove and replace)	ea	23172	R -	R -
6.5	Replace cross arm (Remove and replace)	ea	11586	R -	R -
6.6	Pole Replacing (Excluding Transformer)	ea	11586	R -	R -
6.7	Replacement of Horizontal or Delta Poles to bird friendly	ea	3476	R -	R -
6.8	Pole Change and Conversion of a Wishbone Configuration to a bird friendly configuration	ea	8111	R -	R -
6.9	Changing Intermediate Poles on Vertical and Staggered to bird friendly structure	ea	3476	R -	R -
6.10	Replacement on a single pole on an "H" pole structure	ea	5793	R -	R -
6.11	Replace "H" pole structure	ea	3476	R -	R -
6.12	Converting Intermediate to Strain Pole	ea	232	R -	R -
6.13	Replace Jumpers	ea	6952	R -	R -
6.14	Sagging repair per span per phase	ea	695	R -	R -
6.15	Replace or install mid span joints	ea	116	R -	R -
6.16	Repair conductor with sleeve	ea	116	R -	R -
6.17	Installation of dropout fuse link	ea	2897	R -	R -
6.18	Replacement of dropout fuse link	ea	2897	R -	R -
6.19	Tree Pruning	p/m	348	R -	R -
	Asset Creation				
6.20	Stringing new lines under energised line	p/phase	811	R -	R -
6.21	Stringing new lines over energised line	p/phase	116	R -	R -
6.22	Live Work Construction of a T-Off / Customer Connection	ea	347	R -	R -
6.23	Outage cancellation when on site	day	1	R -	R -
6.24	Penalty for late start of outage	day	1	R -	R -

SUMMARY OF BILL OF QUANTITIES NORTH WEST OPERATING UNIT REPLACEMENT OF 11-33kV WOODEN POLES FOR LIVEWORK				
		QTY	PRICE	TOTAL COST (4 YEARS)
SECTION 1	PRELIMINARY & GENERAL			R -
SECTION 2	TRANSPORT			R -
SECTION 3	GENERAL LABOUR			R -
SECTION 4	EXCAVATIONS			R -
SECTION 5	MATERIALS			R -
SECTION 6	ACTIVITIES			R -
	TOTAL	**R -**	**R -**	**R -**
	Value Added Tax @ 15%			**R -**
	Total (incl VAT)			**R -**

* Note - Disclaimer	
Quantities	- The quantities provided are estimates and do not represent the actual quantities to be included in the contract. They are intended solely to provide guidance in establishing the proposed contract value.

BOQ ISSUED BY :

PRINT NAME — CONTRACT MANAGER/ PROJECT MANAGER

Nthabeleng Mefane — Mefane

PRINT NAME — QUANTITY SYRVEYOR

Acknowlwdgement by *Contractor*

_____

(Name of the Company legal representative)

_____

(Name of Company)

hereby acknowledge the rates as submitted for the replacement of 11-33kV wooden poles for livework (NWOU)

Designation:

Signature:

Date signed: