



public works

Department:
Public Works
REPUBLIC OF SOUTH AFRICA

ANNEXTURE A

STANDBY GENERATOR

SCHEDULED MAINTENANCE CONTRACT FOR 12 MONTHS 2022/2023- ALBERT
LUTHULI & MKHONDO MUNICIPALITIES

BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (R)
1.	Maintenance and servicing of Generators				
1.1	Provision for EPWP beneficiary	Each	1		R 49 000.00
1.2	Major Service (8 generators x 4 service	Each	32		R
1.3	Safety file	Each	1		R
1.4	Replace Battery - 24V	Each	24		R
	NB: Price must include labour, transport and mark-up on material.				
	SUB-TOTAL				R
	VAT			15%	R
	TOTAL				R
	<i>CARRIED OVER TO ANNEXURE B</i>				



ANNEXTURE B STANDBY GENERATOR

UNSCHEDULED MAINTENANCE CONTRACT FOR 12 MONTHS 2022-2023-
ALBERT LUTHULI & MKHONDO MUNICIPALITIES

BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (R)
1.	Materials and equipment				
1.1	Provide for non-scheduled items				R 100 000.00
1.2	Contactor 125A, 400V complete.	each	8		R
1.3	Contactor 215A, 400V complete	each	8		R
1.4	Automatic voltage regulator	each	4		R
1.5	Fuel level sensor	each	8		R
1.6	Fuel gauge	each	6		R
1.7	Controller	each	4		R
1.8	1.5mm panel wire	m	100		R
1.9	Oil level sensor	each	5		R
1.10	Battery charger	each	5		R
1.11	Changeover switch	each	3		R
	NB: The rate must include labour, transport and mark-up on material				
	SUB-TOTAL				R
	VAT			15%	R
	TOTAL				R
2.	ANNEXTURE A				R
	GRAND-TOTAL				R



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NELSPRUIT REGIONAL OFFICE

STANDBY GENERATOR MAINTENANCE

Item	Description	Task	Unit	Quantity	Rate	Amount
1	MAJOR SERVICE Min. duration: 6 hours					
	Generator room – inside/outside Floor, Walls, Windows and Door	Wash, Clean and Polish	Item	1		
	Generator set	Wash and Clean	Item	1		
	Check for water in fuel system (If found drain, clean fuel tank and refill with clean un-used diesel. NB diesel supplied by Client Department)	Replace	Item	1		
	Engine air filter	Replace	Each	1		
	Engine oil	Replace	Litre	25		
	Drive belts, Fan coupling device for tension	Replace	Item	1		
	Heat plugs	Replace	Each	6		
	Automatic Start and Transfer switch (Not main change over switch)	Replace	Each	1		
	Start and run for two hours at a capacity of 100% of nameplate rating	Test	Hr.	2		
	Check for leaks, connections and components	Inspection	Item	1		
	Consumables (Cable ties, Clamps, Insulation tape, Duct tape, Electrical cleaning agent, etc.)	Supply	Item	1		
	TOTAL				R	

ALBERT LUTHULI & MKHONDO

MUNICIPALITIES

INSTITUTION	CLIENT DEPARTMENT	CONTACT	MUNICIPALITY
HAARTEBEESKOP	SAPS		ALBERT LUTHULI
ZONSTRAAL	SANDF		ALBERT LUTHULI
CAROLINA	DCS		ALBERT LUTHULI
EKULINDENI	SAPS		ALBERT LUTHULI
FERNIE	SAPS		ALBERT LUTHULI
AMSTERDAM	SAPS		MKHONDO
PIET RETIEF	DCS X 2		MKHONDO