



# INTEGRATED SERVICES

ENGINEERING & ALLIED TECHNICAL SERVICES

Contact Address:  
115, 116 & 117, St. Paul's  
Road, Port Harcourt, Rivers State,  
Nigeria.  
Tel: 084 232 1170

5<sup>th</sup> December, 2018

The Manager,  
Elshcon Nigeria Limited,  
Port Harcourt

Dear Sir,

**ESTIMATE FOR 250 HOURS SERVICING AND REPAIRS OF YOUR 140KVA GENERATOR AT DEBORA LAWSON HOUSE ABACHA ROAD-PORT HARCOURT**

Sequel to the complain of intermittent shutdown of the generator during operation, an inspection was carried out on the above Generator. We observed that the Generator is due for servicing and also the radiator is dirty/choked and needs poking and steam washing/coolant and replacement respectively.

Below is our estimated cost for the repairs.

**ROUTINE SERVICING:**

1	Oil Filter	N6,700.00
2	Fuel Filter (primary/water separator)	N4,500.00
3	Fuel Filter (secondary)	N5,000.00
4	Engine Oil (20 liters)	N15,500.00
5	Labour/service charge	N10,000.00
	<b>TOTAL</b>	<b>N41,700.00</b>

**OTHER REPAIRS:**

1	Poking / Steam washing of the Radiator	N 23,000.00
2	Radiator coolant inhibitor/anti rust	N 4,000.00
3	Replacement of the magnetic pick-up	N18,500.00
4	Calibration/servicing of the fuel injection pumps/nozzle	N18,000.00
5	Valve re-setting	N 3,000.00
6	Transport /millage	N3,500.00
	<b>TOTAL</b>	<b>N70,000.00</b>

**GRAND TOTAL N(41,700.00+70,000.00) =N111,700.00**

~~N111,700.00~~  
N92,500.00

# **BENTENO TECHNICAL SERVICES**

*Design, Supply, Maintenance and Installation of Electrical/Electronics  
Equipment Power and Machines Engineering.*

No 3 Gabs Avenue,  
Behind School to Land ADP,  
Rumuodumaya Port Harcourt,  
Rivers State.  
Tel: 08033089895, 08037069400.

*The Manager  
Elshco Nig Ltd.  
Port Harcourt.*

**Date: 30/11/18**

*Dear Sir,*

## **QUOTATION FOR SERVICING / REPAIRS OF 140KVA PERKINS GENERATOR**

Further to our inspection of the above generator. We wish to forward our estimate as follows:

<b>S/N</b>	<b>Description</b>	<b>Qty</b>	<b>Unit Price</b>	<b>Total</b>
1	Fuel fitter	Sets	9,500	9,500
2	Oil Fitter	2	3,000	6,000
3	Engine Oil	20	4,000	20,000
4	Poke /steam cleaning of Radiator	1	18,000	18,000
5	Engine Works (noise from alternator, breather smoke and constant engine shutdown fault)	1	20,000	20,000 ✓
6	Labour/logistics		35000	35000.00 20,800
	<b>TOTAL COST</b>			<b>108,500.00</b>

**[ONE HUNDRED AND EIGHT THOUSAND , FIVE HUNDRED NAIRA ONLY]**

**FOR: BENTENO TECH. SERVICES.**

**Engr. Bamidele Adejo.**

30-11-18

93,500