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22462



FINAL REPORT

ON THE

PREPARATION OF THE INVESTMENT PROJECT IN THE AEROSOL SECTOR

CLIENT: UNITED NATIONS INDUSTRIAL DEVELOPMENT
ORGANISATION (UNIDO),
VIENNA INTERNATIONAL CENTRE
A - 1400 VIENNA, AUSTRIA

ON BEHALF OF

**THE NATIONAL OZONE OFFICE
FEDERAL MINISTRY OF ENVIRONMENT
GARKI, ABUJA
FEDERAL REPUBLIC OF NIGERIA**

CONSULTANT: TRIPLE "E" SYSTEMS ASSOCIATES LTD.
278, IKORODU ROAD, ANTHONY,
LAGOS, NIGERIA
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DECEMBER, 2000

TABLE OF CONTENTS

	PAGE
CHAPTER ONE:	
INTRODUCTION	1
1.1 Background	1
1.2 Scope of Work	1
1.3 Report Structure	3
CHAPTER TWO	
WORK STATUS	4
2.1 Pre-Evaluation Activities	4
2.1.1 Project Meeting	4
2.1.2 Factory Tour	5
2.2 Mission Visit	6
2.3 Other Activities	6
CHAPTER THREE	
FINALIZATION OF INVESTMENT PROJECT	8
3.1 Review of Project Document	8
3.2 Endorsement of Commitment Letter	8
3.3 Identification of other Companies Requiring Conversion to non-ODS	9
APPENDICES	

1.0 INTRODUCTION

1.1 Background

The United Nations Industrial Development Organization (UNIDO) through a facsimile message dated 11th May 2000, informed Triple “E” of its intention to conclude a contract with the company for the provision of services towards the preparation of investment project in the Aerosol Sector in Nigeria. As a first step, Triple “E” sent an e-mail to Mr. V. Koloskov on the 16th of May, 2000 confirming their availability for the assignment. Triple “E” was also requested to furnish UNIDO with a financial proposal for the execution of the services.

Following this request, Triple “E” submitted a detailed proposal highlighting the financial details and the methodology that Triple “E” will use to carry out the assignment.

Consequent upon this, a formal contract for the “preparation of the investment project in the Aerosol Sector” was awarded to Triple “E” on the 30th of May 2000. Triple “E” has since endorsed the contract and has been carrying out services in line with the provision of the contract.

1.2 Scope of Work

The scope of work to be carried out by Triple “E” towards effective, smooth and timely implementation of the Montreal Protocol projects in the Nigerian Aerosol Sector is well elucidated in the Terms of Reference (TOR) supplied to us by UNIDO and are as stated below.

The 30th Executive Committee of the Montreal Fund for the implementation of the Montreal Protocol has approved the project preparation in the Aerosol Sector for Nigeria. The project document, which is to be cleared by the Nigerian Ozone Office, will be submitted to the 32nd Executive Committee, not later than the end of September 2000. This is in accordance with the UNIDO's Business Plan for the year 2000. Given the above, the main purpose of the project formulation and preparation has been described in the TOR as follows: "To formulate one project in the Aerosol Sector for Cybele Cosmetics Ltd", for which company, preliminary data is available. In this respect, the duties of the local consultant has been itemized as follows in the TOR:

1. To identify, with Dr. Omotosho, the Ozone Officer and the company requiring convenience production line(s) to non-ODS substances;
2. To arrange with the company, the completion of an attached questionnaire prior to the arrival of the international consultant;
3. Visit together with the international consultant, the aerosol company to evaluate and review its production facilities;
4. Co-ordinate all activities with the Ozone Officer in Nigeria;
5. Co-operate with the international consultant in the formulation of the project document, as required.

In addition to the above, the following components recommended by Triple "E" for inclusion in the TOR to facilitate the preparation of the assignment was accepted to form part of the TOR.

6. Evaluation of the reliability of the data made available by the recipient;
7. Alternative technology review and evaluation;

8. Review of the MF Format for preparing aerosol sector projects for ODS phase-out.

Items 1, 2 and 6 above are expected to be carried out before the arrival of the international consultant. Activities in Item 3 will be carried out in collaboration with the international consultant during his mission to Nigeria. From our experience, activities embodied in Items 4,5,7 and 8 are usually executed throughout the duration of the project formulation, that is, from inception until the document is submitted to the EXCOM for approval.

It is envisaged in the TOR that project activities will cover the period 29th May to 30th October 2000 (22.5 weeks). At the end of the work, a report detailing the findings, the data collected and relevant details of the production facilities of the company will be forwarded to UNIDO.

1.3 **Report Structure**

This final report is aimed at elucidating the activities carried out so far by Triple “E” towards the preparation of the investment project in the aerosol sector in the project area. The report is organized as follows: Chapter One is the introduction, giving highlights on the scope and objectives of the project; Chapter Two deals with activities carried out so far by Triple “E”; Chapter Three gives a brief description on the finalization of the investment project. The various contacts made with Cybele Cosmetics Ltd. are included as appendices.

2.0 WORK STATUS

The focus of the chapter is to present a concise report on the activities that have been carried out by Triple “E” towards the speedy and satisfactory preparation of investment project for Cybele Cosmetics Ltd. These activities are categorized as follows: pre-evaluation activities, project evaluation activities and post evaluation activities. The discussion on these activities is presented below:

2.1 Pre-Evaluation Activities

2.1.1 Project Meeting

As part of the measures to ensure the timely and satisfactory preparation of investment project for Cybele Cosmetics Ltd., Triple “E” formally notified the company of the project and subsequently organized a meeting with the management of Cybele Cosmetics. The meeting took place at the company’s premises on the 26th of May 2000. Essentially, the project meeting was aimed at initiating Cybele about:

- The Montreal Protocol programme in Nigeria particularly the UNIDO initiative on phase-out of Ozone Depleting Substances for Cybele Cosmetics Ltd;
- Role of the local consultant (Triple “E”) and the Federal Ministry of Environment (Ozone Office);
- The visit of the international consultant from UNIDO, Vienna on June 5 for a 3- day working visit;
- Assessment of the present condition of the factory, experience and technical personnel of the company;
- Collation of all pertinent information required for preparation of investment project.

During the meeting, two questionnaires earlier received from UNIDO were presented to the Recipient Company (RC) for completion. In order to ensure timely completion of the questionnaire, a staff of Triple "E" was seconded to assist the RC on the effective completion of the questionnaire.

2.1.2 Factory Tour

The next task that was undertaken by Triple "E" was the visit to the Cybele plant. The visit was aimed at assessing the:

- Technical status of equipment and other appurtenances;
- Technologies and production methods currently in use and;
- Experience and availability of technical personnel.

A comprehensive plant tour of the client's facility was carried out on the 26th of May 2000 by a team comprising the Managing Director of Triple "E", Dr. F. B. Dayo, Engr. Ekpo and Engr. Odebunmi also of Triple "E". This was a follow up to the earlier visit conducted by the Triple "E" personnel. The plant was found to be in full operational order.

The company was found to be operating with one automatic and two normal aerosol filling line, comprising three product fillers, three crimpers and three propellant gassing units. The propellant used for aerosols is CFC-12, which is supplied in 1000kg or 75kg returnable cylinders. The propellant is then piped either through the small tank farm or directly through the pump unit to the gassing units.

Since the propellant is non-flammable, aerosol and propellant filling is undertaken in the general product filling area at same building as the office of the enterprise.

The company, which was established in 1967 but commenced manufacturing of cosmetics, pharmaceuticals, soap and detergents in 1969, was found to have a cream of sound technical personnel in all areas of its production activities.

2.2 Mission Visit

During the month of June 2000, Triple "E" hosted the UNIDO international expert, Mr. Risto Ojala. The aim of the mission was the preparation of investment project for Cybele Cosmetics.

To ensure a successful mission a schedule was prepared by Triple "E" and distributed to Cybele Cosmetics Ltd, Federal Ministry of Environment (FME) and UNIDO, Lagos. In addition, a staff of Triple "E" was dedicated to accompany Mr. Risto Ojala and the FME official to visit Cybele Cosmetics Ltd. During the visit, the factory was thoroughly inspected. Areas inspected include the raw material storage section, production and furnishing section. Production facilities accessed include product filler, gassing unit and the CFC II storage. The team was of the view that the existing gassing unit and storage vessel for CFC II will have to be replaced.

2.3 Other Activities

Apart from the activities already mentioned in the preceding sub-sections, Triple "E" has been providing both technical and administrative support services to Cybele Cosmetics Ltd. and the International Consultant that were not part of the terms of reference of the contract awarded to us. These technical and support services offered include: the preparation of the sector background and enterprise baseline data components of the project document; review of the draft project document in collaboration with the Federal Ministry of Environment as well as facilitating the transmission of chemical purchases invoices required by UNIDO from Cybele Cosmetics Ltd.

Also during the visit of the UNIDO international expert, Triple 'E' facilitated a visit to Johnson-Wax Ltd. an aerosol facility already converted to using non-ODS technology, the aim of which was to under study how the factory is able to meet its unstrench LPG demand. Triple 'E' is still investigating the availability of unstrench LPG supplier in 5 or less tonnage. This is necessary to ensure the viability of smaller storage as in Cybele case.

These services were offered because of our strong commitment towards the successful preparation of investment project for Cybele Cosmetics Ltd. as well as ensuring that quality and consistent services are offered to the implementation agency.

3.0 FINALIZATION OF INVESTMENT PROJECT

The smooth and timely preparation of investment projects requires an adequate and effective monitoring of all aspects of the project implementation plan. In carrying out this, Triple 'E' ensured adequate contact of all the respective participating parties that are involved at each step of project preparation.

Following this, a review of the draft document was made as well as the endorsement of the letter of commitment. These activities are elucidated below:

3.1 Review Of Project Document

The draft project document prepared by Mr. Risto Ojala, UNIDO international expert was forwarded to both Triple 'E' and FME for review. The project document was very comprehensive as it detailed project objective, description, technology, cost and implementation. Sector background and baseline data are also included in the document.

Triple 'E' carried out a comprehensive review of the document and found it to be adequate with little amendment on the sectoral background. The amendment is included in the appendices.

Triple 'E' also contacted the recipient company (RC) and made available a copy of the project document to them for review. According to the RC, it was satisfied with the document and was requesting UNIDO to go ahead with presenting the same for approval. This amendment from Triple 'E' and comment from the RC has since been forwarded to UNIDO. We have been informed by Mr. R. Oshima that the project document has been finalized and is due for submission in the 32nd EXCOM.

3.2 Endorsement Of Commitment Letter

Following the review of the project document, UNIDO through a facsimile letter dated 1st September, 2000 to Triple 'E' requested the latter to assist in obtaining the completed letter of

commitment from the RC. Triple 'E' followed up with the RC and ensured the endorsement of the letter of commitment by the RC. The RC had since forwarded this letter by fax to UNIDO.

3.3 Identification Of Other Companies Requiring Conversion To Non-ODS Technology.

Having received the list of the companies in the aerosol sector sent in by the UNIDO international expert for identification and verification, Triple 'E' has put together two teams to ensure that this exercise is thoroughly carried out. It will be recalled that the list in question include companies in the north, south and eastern part of the country. A proper verification as planned by the company will involve actual site visits to the affected location. This exercise is presently being carried out in conjunction with the Ozone Office.

The team visits are however not limited to the list sent by the International Expert but also aims at investigating other locally identified ones. It is envisaged that this exercise will definitely lead to the identification of new projects that should be packaged. Once this exercise is completed, UNIDO will be appropriately notified.

APPENDICES

APPENDIX I

**SCHEDULE OF ACTIVITIES FOR THE VISIT OF UNIDO
CONSULTANT**

**TRIPLE 'E' SCHEDULE OF ACTIVITIES FOR THE VISIT OF UNIDO EXPERT ON THE
MONTREAL PROTOCOL PROJECT FOR THE NIGERIA AEROSOL SECTOR**

Sunday June 4, 2000

Confirmation of arrival of UNIDO's International Expert.

Monday June 5, 2000

9.00am – 10.30am	-	Courtesy call at UNIDO/project briefing.
10.30am – 11.30am	-	Strategy Planning for Formulation of Investment Project for the Aerosol Sector at EEE.
12.00noon – 2.00pm	-	Visit to Cybele Cosmetics.

Tuesday June 6, 2000

9.00am – 12.00pm	-	Visit to Samta Nigera Ltd., Ogba, Lagos.
12.00 – 1.30pm	-	Lunch Break
2.00pm – 4.00pm	-	Visit to Ibu-Owo Merchant Ind. Ltd., Marina, Lagos.

Wednesday June 7, 2000

9.00am – 12.00noon	-	Visit to Macrina Laboratories Ltd., Falomo, Lagos.
12.00noon – 1.30pm	-	Lunch Break
2.00pm – 4.00pm	-	Finalization of Data Collation at Cybele Cosmetics.

Thursday June 8, 2000

10.00am – 2.00pm	-	Project Meeting at EEE. * Intergrated Chemical Ind. Ltd., Enugu. * Gongoni Co. Ltd., Kano
2.00pm – 4.00pm	-	Finalization of other project Data.

Friday June 9, 2000

- Project Meeting at EEE between UNIDO Expert, UNIDO rep., FME Official and National Consultant.
- Return of International Expert.

APPENDIX II

EVIDENCE OF CONTACT WITH CYBELE COSMETIC LTD.

File No: T&S/ADM/179-Vol 1, LT 2

May 25, 2000

The Managing Director
Cybele Cosmetics Limited
98/100 Ladipo Street
Mushin
Lagos.

Attention: Mr. Fouad Chalfoun

Dear Sir,

PREPARATION OF INVESTMENT PROJECT FOR CYBELE COSMETICS

Our company, Triple 'E' has just been contracted by UNIDO to serve as the local consultant to the International Consultant for preparation of investment project in the Aerosol sector, starting with Cybele Cosmetics.

In this respect, an International Consultant from UNIDO Vienna will be visiting the country on June 5 for a 3-day working visit. During this period, he will be leading a team that will visit your company for the purpose of packaging an investment project for the company.

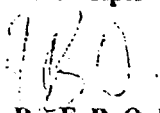
In preparation for his visit and in order to facilitate activities toward the packaging of investment project for your company, a team comprising Dr. Omotosho of the Ozone Office, Federal Ministry of Environment, the Managing Director of Triple 'E', Dr. F.B. Dayo, Engr. (s) Ekpo and Odebunmi also of Triple 'E'; will be visiting your facility on Friday 26th of May, 2000 by 11.00a.m.

During the visit, the team is expected to hold discussion on UNIDO's ODS phase-out program for Cybele Cosmetics as well as collate pertinent information required for project packaging. Some of the salient issues to be discussed will include;

- Discussion on the Montreal Protocol Programm in Nigeria;
- Phase-out of Ozone Depleting Substances for Cybele Cosmetics;
- Role of the Local Consultant (Triple 'E') and the Federal Ministry of Environment, (Ozone Office);
- ODS Consumption.

Thank you for your sincere cooperation.

Yours Sincerely,
For: Triple 'E' Systems Associates Ltd.


Dr. F. B. O. Dayo
Managing Director

Handwritten signature/initials

APPENDIX III

**LIST OF COMPANIES IN THE AEROSOL SECTOR
BEEN PRESENTING AND VERIFIED BY TRIPLE 'E'**

WED. 31-MAY-00 11:28
31/05 '00 09:31

UNIDO LAGOS

234 1 2692707

P.02

Author: "Risto Ojala" <risto.ojala@pp.hut.fi> at INTERNET
Date: 5/16/00 5:23 PM
Priority: Normal
TO: Georgios ANESTIS at SAMMO-BES
Subject: Aerosol fillers in Nigeria
Hi,

Further to our telephone conversation last week on the above subject please find below a list of the fillers that use to be active in this industry. Cybele seems not to be in this list. However, I would imagine that this is useful data for the Unido consultant for checking the actual situation out.

1.0. GONGONI CO. LTD

Contact: Mr. Mike Gosen MD
Address: 1 Bonpai Road,
Bonpai,
KANO.
Tele: 064 627721
Fax: 064 640029

2.0. JOHNSON WAX LTD

Contact: No contact name.
Address: C/O P.M. Marshall Ltd,
122-124 Yakubu Gowon Street,
PO Box 2068
LAGOS
Tele: No number available
Fax: No number available;

3.0. IBU-OWO MERCHANTS IND. LTD.

Contact: Chief A.K. Ogunneye
Address: 59/61 Martins Street,
2nd Floor, PO Box 4792
Marina,
LAGOS
Tele: Lagos 2666401

4.0. INTEGRATED CHEMICAL INDUSTRIES (INTECIL)

Contact: Mr. C. Ariogbu
Address: 3 Isuochi Street
Uwani,
ENUGU,
Tele: 042 452034
Fax: 042 458649

5.0. MACRIHA LABORATORIES LTD.

Contact: No contact name
Address: 88 Old Otta Road,
PO Box 53822
Agege,
FALGOWO,
LAGOS
Tele: no number available.
Fax: No number available.

6.0. SPMTA NIGERIA LTD.

Contact: No contact available:
Address: 351B Abisogun Leigh Street,
Ogba
Ikeja,
LAGOS
Tele: no number available.
Fax: no number available.

Best regards from me and Markku from Hanoi

=====

Risto Ojala, UNDP/UNOPS Foam and Aerosol Sector Expert
Karinkuja 11, FIN-04400 Järvenpää, Finland

TOTAL P.02

APPENDIX IV

**COPIES OF THE QUESTIONNAIRES COMPLETED BY
CYBELE COSMETICS LTD.**

ENTERPRISES BASELINE DATA

CYBELE COSMETICS LIMITED

FULL NAME:.....

98/100, LADIPO STREET, MUSHIN-LAGOS

ADDRESS:

FOUAD CHALFOUN

CONTACT PERSON:.....

4521051 , 4520895

TEL/FAX

Cybele@micro.com.ng

E-mail

CAPITAL:

SAMIR CHALFOUN

SHAREHOLDERS:

GEORGE NABIAN

200

NO. EMPLOYEES

1967

YEAR OF ESTABLISHMENT

EXPORT TO ARTICLE 2 COUNTRIES

EXPORT TO ARTICLE 5 COUNTRIES

NONE

PERCENTAGE OF CONTRACT FILLING

PERCENTAGE OF OWN PRODUCTS
AND SOLD THROUGH OWN MARKETING ARM

100%

64 METRIC TONNES

CFC PURCHASE IN 1997

58 METRIC TONNES

CFC PURCHASE IN 1998

50 METRIC TONNES

CFC PURCHASE IN 1999

45 METRIC TONNES

CFC PURCHASE DURING JUNE 99-MAY 2000

BASELINE EQUIPMENT:

EQUIPMENT	MAKE/MODEL	SERIAL NO	CAPACITY	YEAR OF COMMISSIONING
PRODUCT FILLER	AEROFILL PAMASOL	7095 4692-8497	20,000PCS 10,000PCS	1989
CRIMPER	"	"		"
GASSING UNIT	"	"		"
TANK FARM	CYLINDER	-	1 TON	"

JUNE 1999 MAY 2000 ODS CONSUMPTION DATA (Supported with copies of invoices)

TOTAL ODS CONSUMPTION JUNE 1999 – MAY 2000				
	OPENING STOCK 01/06/99	PURCHASES 06/99-05/2000	CLOSING STOCK 30/05/2000	CONSUMPTION
CFC 11/12/114	1 TON	44	0	45MT

INCREMENTAL OPERATING COST CALCULATIONS

- Incremental Operating Cost resulting from replacing the CFC propellant in the aerosol manufacturing (US\$)

Please provide formulation for each product and one as an average for all Products Describing change in operational costs.

Formulation including propellant losses:

MATERIAL	CFC – FORMULATION W-%	HAP- FORMULATION W-%
PERFUME	2%	2%
ALCOHOL + ADDITIVES	53%	60%
ADDITIVES	5%	10%
PROPELLANT	40%	28%

	CFC - FORMULATION			HAP – FORMULATION		
MATERIAL	CONSUMPTION KG/YEAR	COST/KG N	COST N	CONSUMPTION KG/YEAR	COST/KG N	COST N
PERFUME	2.25MT	2,000	4,500,000.00	2.25MT	20	4,500,000.00
ALCOHOL	59.63MT	100	5,963,000.00	67.5MT	100	6,750,000.00
ADDITIVES	5.62MT	50	281,000.00	11.25MT	130	1,462,500.00
PROPELLANT	45MT	220	9,900,000.00	31.5MT	100	3,150,000.00
TOTAL			20,644,000.00			15,862,500.00
ANNUAL SAVINGS US\$						
THE FOUR YEAR NPV OF THE INCREMENTAL OPERATING SAVINGS ARE CALCULATED AS FOLLOWS						

BASELINE PRODUCTION DATA - 1997 - 1999

YEAR	DESCRIPTION (PRODUCT DESCRIPTION INCLUDING PRODUCT AND NUMBER PRODUCED)	PRODUCTION VOLUME / CANS/YEAR
1997	DEODORANT CANS 1,600,000PCS	100ML 160,000 LITRES
1998	DEODORANTS CANS 1,450,000PCS	100ML 145,000 LITRES
1999	DEODORANT CANS 1,250,000	100ML 125,000
AVERAGE	1,433,333 PCS	143,333 LITRES

BASELINE PRODUCTION DATA - DURING THE LAST TWELVE MONTHS PERIOD FROM JUNE TO MAY 2000

YEAR	DESCRIPTION (PRODUCT DESCRIPTION INCLUDING PRODUCT SIZE IN VOLUME)	PRODUCTION VOLUME / CANS/YEAR
JUNE 1999- MAY 2000	DEODORANT CANS 100ML	1,100,000/YEAR
TOTAL	"	"

BASELINE ODS CONSUMPTION DATA 1997 - 1999

YEAR	ACTIVITY	CFC 12 OR OTHER (KGS/YEAR)
1997	1,600,000	64MT
1998	1,450,000	58MT
1999	1,250,000	50MT
AVERAGE	1,433,333	57MT

BASELINE ODS CONSUMPTION DATA (DURING THE LAST TWELVE MONTH PERIOD FROM JUNE 1999 - MAY 2000)

YEAR	ACTIVITY	CFC 12 OR OTHER ODS(KGS/YEAR)
JUNE 1999 - MAY 2000	1,100,000	45T
TOTAL		

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANISATION

Questionnaire for Conversion of ODS-consuming aerosol Industry to "ODS-free technologies"

(Questions to be answered by the Manufacturers)

Please provide Company profile and factory lay-out using separate page

Date: 1-6-00	Filled by: FOUAD CHALFQUN
Company:	CYBELE COSMETICS LIMITED
Address:	98/100, LADIPO STREET, MUSHIN, LAGOS -
Distance to nearest international airport and the best travel connections from there to your factory	10KM
Tel:	4521051
Fax:	4520895
Owners:	SAMIR CHALFQUN, GEORGE NABHAN
Man. Director:	FOUAD CHALFQUN
Directors:	
Contact person in conversion:	
Activities:	Which type of aerosols and for which and use purposes you are manufacturing aerosol products in your plant(s)? DEODERANTS

Production license	Is the production under license from a foreign manufacturer? - if yes, which manufacturer: NO - if no, does there exist any other kind of technical agreement with foreign manufacturers? NO																								
Product range:	DEODORANT PERFUMES																								
Employers:	<table border="0"> <tr> <td></td> <td style="text-align: center;">25</td> <td style="text-align: center;">164</td> </tr> <tr> <td>Administration</td> <td></td> <td>Workers/line.....</td> </tr> <tr> <td></td> <td style="text-align: center;">10</td> <td></td> </tr> <tr> <td>Technical.....</td> <td></td> <td>.....</td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td>Designers.....</td> <td></td> <td>.....</td> </tr> <tr> <td></td> <td style="text-align: center;">36</td> <td></td> </tr> <tr> <td>Altogether.....</td> <td></td> <td></td> </tr> </table>		25	164	Administration		Workers/line.....		10		Technical.....			1		Designers.....			36		Altogether.....		
	25	164																							
Administration		Workers/line.....																							
	10																								
Technical.....																								
	1																								
Designers.....																								
	36																								
Altogether.....																									

Production lines, which use ODS-materials:

Production lines and their capacities per eight hour shift and per year:	Name	Capacity		Actual Production	
		Per shift	Per year	Per shift	Per year
1.	AEROFILL	20,000	4,800,000	20,000	4,800,000
2.	PAMASOL	10,000	2,400,000	10,000	2,400,000
3.	PAMASOL	10,000	2,400,000	10,000	2,400,000
4.					
5.					
6.					
	TOTAL	40,000	9,600,000	40,000	9,600,000

Filling line 1	Supplier and type, purchase year and expected life time AEI OFILL - 1980 - 30 YEARS
Filling line 2	Supplier and type, purchase year and expected life time PA MASOL - 1980 - 30 YEARS
Filling line 3	Supplier and type, purchase year and expected life time PA MASOL - 1980 - 30 YEARS
Filling line 4	
If you have more production lines, please fill separate paper	

After gassing, are the acuator (spray tip) and capping operations automatic or manual?

MANUAL

Are the cans water bash tested?

NO

Quality Control : - Equipment - Standards - Teasting systems	HOT WATER BATH - SCALE - ANALYTICAL 80C - 100C / 30MINUTES MANUAL		
Test laboratories outside the Company:	NO		
How many people are familiar with:	In management	In planning	On production line
- Formulations	2	3	1
- Filling technology	1	2	2
- ODP-problems	1	1	2

Maintenance Capability: Brief description - Engineers - Technicians - Electricians - Spare parts

	MECHANICAL X 1

	10 PERSONS

	4 PERSONS

	2 PERSONS

What is the Company's market share domestically?	PRESENTLY UNKNOWN
Does the Company produce for export?	If yes, percentage of total production %
What is the production target in units for 1995 For 2000
For how many years has the Company been in the market	30 Years

What has been the production volume by the Company since 1980						
1980	1981	1982	1983	1984	1985	1986
1987	1988	1989	1990 1.5M	1991 2M	1992 2.5M	1993 2.75M

Do you use other propellants than CFC 12, if yes which? **NO**

What has been the propellant consumption CFC 12 by the Company since 1980						
1980	1981	1982	1983	1984	1985	1986
1987	1988	1989	1990 60T	1991 80T	1992 100T	1993 110T

3000.00

120,000

Estimation for the year 1994.....

Cans..... Kg of CFC 12

8,75 ,000

350T

Total 1990 - 1993.....

Canskg of CFC 12

How many different can type and sizes are filled:

.....
ONLY ONE - 100 ML CAN.

Which chemicals you use in the factory, and for which purpose?:

Name of the chemical	Production	Maintenance	Fire classification
PERFUME	DEO		FLAMMABLE
ALCOHOL	DEO		FLAMMABLE
WATER	DEO		NON FLAMMABLE
IRGAZAN	DEO		NON FLAMMABLE
FRGUN 11-12	DEO		

If you handle flammable chemicals in the factory, do you have any safety procedure for it?

Please give brief description:

FIRE EXTINGUICHERS

WATER HOSES

PRESSURE SAFETY VALVES

— NO SMOKING SIGNS

Are you capable to reformulate your receipts in the case of the conversation to LPGs (Highly flammable hydrocarbons)?

YES

If you have any other comments for conversation in your Company, please write short description:

WE ARE REQUESTING A BIG L.P.G. TANK

(MIN. 30 TONS) TO INSTALL OUTSIDE

OUR FACTORY UNDER-GROUND TO USE

FOR OUR DEODORANT PRODUCTION.

To: isiderits@unido.org
From: Triple-E Systems <triple-e@triplesys.com>
Subject: Draft Project document for Cybele Cosmetics Ltd.- revised
Cc:
Bcc:

Dear Mr. George Anestia,

Thanks for your e-mail dated 31st July, 2000. We have earlier received the e-mail you sent through Mr. Sarbu and did attempt to send you our comment which did not eventually get through.

As earlier explained, we have since 15th July, 2000 forwarded five(5) copies of the Interim Progress Report for the preparation of investment project for the Aerosol Sector to Mr. V. Koloskov.

With regard to the list of aerosol companies forwarded to us by the UNIDO International Expert as well as those identified locally, our company Triple "E" in conjunction with the National Ozone Office is presently conducting verification of these facilities to determine the status of their operation. This exercise will be complete shortly and UNIDO will be informed on time to include it in its 2000 Business Plan.

The project document for Cybele Cosmestic has since be reviewed. The only ammended we feel should be made is in Section Two (2):Sector Background, paragraph 3 which reads:

"To date, seven aerosol facilities has been identified, these include: Cybele Cosmetics Ltd., Lagos, Starline, Ibu-Owo Merchant Ind. Ltd., Lagos, O. Macrina Laboratories Ltd., Lagos, Santa Nigeria Ltd., Lagos, Integrated Chemical Industries Enugu and Ugoni Co. Ltd., Kano."

This should be ammended to read:

"A list of aerosol facilities that were known to be in operations in the past in Nigeria, especially in the period before the downturn of the economy has recently been compiled. The current conditions of the facilities are been evaluated, with the goal of identifying those that can qualify for conversion to ODS free technologies under the Multilateral Funding arrangements".

Typographical error that need to be corrected is in page 5, section 4.2, last line of the second paragraph which reads:

--the new unit will be placed in the separate open air filling room, which will constructed for this next to the existing production area.

The word "be" should be added before the word construction.

We have also contacted recipient company (RC) and made a copy of the project document to them for review. According to the RC, they are satisfied with the document and is requesting that UNIDO go-ahead in presenting the same for approval.

Best regard,

For: Triple "E" Systems Associates Ltd.,

Engr. Emmanuel Ekpo
ODS Project Officer

Date: Tue, 24 Oct 2000 14:51:53 +0200
From: sprodan@unido.org (Sergiy PRODAN)
Subject: Eligibility issue of aerosol project for Cybele Cosmetics
To: triple-e@triplesys.com

Dear Dr. Dayo,

Following the advice of Mr. Anestis, who has got a new assignment in the other part of UNIDO, I take the liberty to approach you and seek your kind assistance on the following issue.

As indicated in part 2.1.4 of the interim report submitted by Triple "E" the issue on the consumption data received from Cybele Cosmetics was fully discussed with Dr. Omotosho of the Ozone Office as it affects the National Data particularly for the Aerosol Sector. Then it says that "The Ozone Office is presently updating the country programme report to resolve the issue".

At our end we also brought the issue to the attention of Dr. Omotosho and requested to submit the updated report to the MLF Secretariat. To avoid difficulties it was strongly recommended to present the updated report prior to our submission of the subject project to the Secretariat.

Regrettably, the comments received from the MLF Secretariat clearly show that the updated report has not been submitted. With respect to this the Secretariat raised an issue of the project eligibility. We forwarded the above comments through UNIDO Office in Nigeria to Dr. Omotosho requesting his urgent action to resolve the problem. In addition, we also tried many times to reach the Ozone Office by phone, fax and e-mail. Unfortunately all these attempts failed and up to now we have got no feedback from Dr. Omotosho.

With respect to the above it will be most appreciated if you approach the Ozone Office at your end and facilitate the urgent submission of the updated report to the MLF Secretariat. It has to be noted that without inputs of the Ozone Office on the points raised by the Secretariat the project will be considered ineligible for funding and as a consequence will be withdrawn from our submission to the 32nd ExCom.

Hoping to hear from you soon.

Thank you for your cooperation.

Regards,

S. Prodan, Project Manager

ANNEX 3

COMPANY LETTER OF COMMITMENT


Cybale Cosmetics Limited represented by Mr. Fouad Chalfoun, hereby confirms having received a copy of CFC phaseout project, prepared on its behalf and on behalf of the Government of NIGERIA, by the United Nations Industrial and Development Organization (UNIDO).

Cybale Cosmetics Limited hereby acknowledges the following:

- a) It agrees that the UNIDO will implement this project as approved by the Executive Committee of the Multilateral Fund of the Montreal Protocol and as described in the project document, for which Cybale Cosmetics Limited will be the beneficiary;
- b) It accepts the project as proposed in the project document;
- c) It will completely phase-out the use of CFCs upon project completion;
- d) It will use only zero-ODP technologies as stipulated;
- e) It will dispose by rendering unusable of any equipment that has been replaced under this project in compliance with the stipulations that have been drawn up in the project document;
- f) It will provide funds for items that are included in this project but are specifically excluded from funding by the Multilateral Fund of the Montreal Protocol (MLF) as well as for items included in this project and required for a successful completion but that, while eligible, exceed the available budget and contingencies;
- g) It will allow monitoring inspections by the Government, UNIDO, or designate during project implementation and thereafter to verify proper implementation and subsequent operation without the use of CFCs.

4/8/00
.....
(date)

.....
(Authorized Signature)



**TRIPLE "E" SCHEDULE OF ACTIVITIES FOR THE VISIT OF UNIDO EXPERT ON THE
MONTREAL PROTOCOL PROJECT FOR THE NIGERIA R & A SECTOR**

Sunday May 14, 2000

Confirmation of arrival of Dr. Oshima to Nigeria.

Monday May 15, 2000

8.00a.m – 10.00a.m	-	Dr. Oshima travels with SAIP, Ms latrech to Ijebu Ode.
10.00am - 12.30pm	-	Visit to Soesons Ltd., Ijebu - Ode.
12.30pm - 1.30pm	-	Lunch Break.
1.30pm - 3.00pm	-	Visit to United Technology Ijebu - Ode..
3.00pm - 5.00pm	-	Travel to Lagos.

- Soesons and United Technologies are located within the same area at Ijebu - Ode.

Tuesday May 16, 2000

9.00a.m – 12.30pm	-	Visit to Kokia Nig. Ltd., Ejigbo.
12.30pm – 1.30p.m	-	Lunch Break.
1.30pm - 3.00pm	-	Visit to Akocen Nig. Ltd., Gbagada.

Wednesday May 17, 2000

9.00a.m – 11.00p.m	-	Meeting at UNIDO, Lagos with Onward Ltd.
11.00a.m - 12.30p.m	-	Travel to Ibadan.
12.30p.m - 1.30p.m	-	Lunch Break.
1.30p.m - 3.30p.m	-	Visit to Beta Frigulox, Ibadan.
3.30p.m - 5.00p.m	-	Travel to Lagos.

Thursday May 18, 2000

7.30am - 11.00a.m	-	Flight to Port-Harcourt.
10.30a.m - 12.00noon	-	Visit to N.E.W, Port-Harcourt.
12.00noon - 1.30p.m	-	Lunch Break.
1.30p.m - 3.30p.m	-	Visit to Kaycee, Port-Harcourt.
Spent the night at Port-Harcourt.		

Friday May 19, 2000

9.00a.m - 11.00a.m	-	Flight to Lagos.
11.30am - 12.30p.m	-	Project Meeting at EEE.
Return of Dr. Oshima to Vienna.		