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Executive Committee of the
Interim Multilateral Fund for the
Implementation of the Montreal Protocol

Sixth Meeting
Montreal, 27-28 February 1992

Corrigendum

EGYPT PROJECT PROPOSALS

This corrigendum is being issued to replace project:

(b) Recovery and Phasing-Out of ODSs in Foam Production in Taki Vita Co.

Sample Project Cover Sheet.

Country : Egypt.
Calculated ODS : 1830 Tonnes of CFCs in 1991.
Consumption
Project Title : Recovery and Phasing-Out of ODSs in
Foam Production in Taki Vita Co.
Project Duration : 1 year from the availability of the fund.
Sectors Covered : Foam Production.
Projected ODS : About 75 tonnes of R 11 in addition to
Phase-Out re-use the scrap after the treatment.
Proposed Budget : About \$ 1.7 million.
Executing Agency : Taki Vita Co., Dow Co. and GDFI.
Implementing Agency : UNDP/USEPA(Feasibility Studies).
National Coordinating : Egyptian Working Group, EEAA.
Agency

Project Summary

Taki Vita Co. is a joint venture company producing flexible and rigid foam. And according to Montreal Protocol, the company decided to phase out ODS in the moulded flexible foam and reducing the consumption of R11 in the rigid insulating foam by 50%. In addition to the removal of CFCs from the insulating foam of about 60,000 refrigerators in use every year and reuse the material coming out after treating as an ordinary scrap. The project estimation cost is about \$ 1.7 million.

1- Name of the Project : Reducing and phasing-out of ODSs In Foam Production In Taki Vita Co.

2- Brief Background : Egypt consumed about 1630 tonnes of CFCs In 1990.

3- Objectives of the Project : A) Phasing-out 16 tonnes of R11 in flexible moulded foam in Taki Vita company.
B) Reducing R11 to 50% in Rigid insulation foam which is about 8.75 tons of CFC11.
C) Removal of CFCs from the insulating foam of 60.000 refrigerators/year which is about 50 tonnes of R11.
D) The objectives cope with Montreal Protocol for phasing-out ODS.

4- The Expected Outcome: - Phasing out about 25 tonnes of R11 per year during the production of flexible and rigid foam.
- Removal of about 50 tonnes of R11 from the insulating foam of 60.000 refrigerators/year.
- Saving the waste of used production and re-use it.

5- The Executing Agency: Taki Vita Co. and Dow Co. . Taki Co. is a joint venture co. producing rigid & flexible foams with a capacity of 4300 tonnes per year, divided to about 200 tonnes of flexible moulded foam to 100 tonnes of rigid insulating foam and about 4000 tonnes of slabstock flexible foam which is using methane chloride as a blowing agent.

6- Implementations : The proposed project is divided into
Schedule three parts as follows :

- 1- Phasing out of about 16 tonnes of R11 in flexible foam production by waters as a blowing agent which increase the production cost with about 10 %. Accordingly, the project needs new pumps, mixing heads and new materials.
- 2- Reduction of R11 by 50 % in manufacturing rigid insulating foams. The project needs new pumps, new mixing heads and new materials.
- 3- Removal of CFCs from the insulating foam of about 60.000 refrigerators every year which is about 50 tonnes of R11. Through this type of machines, the refrigerators are divided into units answering to top, bottom and sides. These units go through the machine and when they come out again, the propellant has been removed from the foam and the material coming out which can be treated as an ordinary scrap.
- 4- The starting of implementation will be as soon as the availability of the fund.

7- Detailed Indicative : As shown in Annex I.
Budget.

8- Implementing Agency : UNDP/ USEPA (Feasibility Studies).

The Estimated Cost of the Project:

1) Phasing out of about 25 tonnes of R11:

A- Incremental cost of material (\$715.000-\$650.000)	= \$ 65.000
B- New Pumps	= \$ 3.000
C- New Mixing Heads	= \$ 5.000

Total	\$ 73.000
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2) Reduction of 8.75 Tonnes of R11 :

A- Incremental cost of materials (\$ 373.750 - \$ 325.000)	= \$ 48.750
B- Pumps	= \$ 1.000
C- Mixing Heads	= \$ 1.500

Total	\$ 51.250
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3) Removal of CFCs from insulating foam of 60.000 units ; about 50 tonnes.

- Estimated Cost of the machines (4x\$ 400.000) = 1.600.000

Total Cost of the Project is about \$ 1.7 million.

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