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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Twenty-third Meeting
Montreal, 12-14 November 1997

Corrigendum

PROJECT PROPOSALS: PHILIPPINES

This corrigendum is issued to replace pages 2 and 5 of document
UNEP/OzL.Pro/ExCom/23/44.

PROJECT EVALUATION SHEET **PHILIPPINES**

SECTOR: FOAMS ODS use in sector (1991): 417 ODP tonnes

Sub-sector cost-effectiveness thresholds: Integral Skin US \$16.86/kg
Rigid US \$7.83/kg

Project Title:

- (a) SOUTECH - Conversion to CFC-free Technology in the Manufacture of Polyurethane Foam
(b) UMBRELLA PROJECT - conversion to CFC-free Technology in small CFC consuming enterprises using CFC in the Manufacture of Rigid Polyurethane foam

Project Data	Integral Skin	Rigid
	SOUTECH	Umbrella
ODS phase-out (ODP tonnes)	20	5.1
Proposed project duration (months)	24	24
Incremental capital cost (US \$)	266,750	39,930
- including contingency (%)	10	10
Incremental operational cost (US \$)	60,000	3,698
Total project cost (US \$)	326,750	43,628
Local ownership (%)	100	100
Export component (%)		
Amount requested (US \$) {Original}	337,200	39,930
{Revised}	326,750	
Cost effectiveness (US \$/kg)	16.34	7.83
National Coordinating Agency	Philippine Department of Environment and Resources, Environmental Management Bureau	
Implementing Agency	UNDP	
Technical review completed?	Yes	Yes

Secretariat's Recommendations:

Amount recommended (US \$)	326,750	39,930
Project impact (ODP tonnes)	20	5.1
Cost effectiveness (US \$/kg)	16.34	7.83
Implementing Agency support cost (US \$)	42,778	5,191
Total cost to Multilateral Fund (US \$)	369,528	45,121

SECRETARIAT'S COMMENTS AND RECOMMENDATIONS

COMMENT

Integral Skin/Flexible Molded Foams

(a) SOUTECH Conversion to CFC-free technology in the manufacture of polyurethane foam

1. Based on expert advice to the Secretariat the following cost items are still being discussed with the Implementing Agencies.

- change of molds following conversion
- provision of heating ovens
- replacement of low pressure with high pressure machines.

2. Agreed costs of the project will be communicated to the Sub-Committee on Project Review.

(b) Umbrella Project conversion to CFC-free technology in small CFC consuming enterprises using CFC in the manufacture of rigid polyurethane foam

1. The costs of the projects were agreed between the Fund Secretariat and the implementing agency.

RECOMMENDATION

1. The Fund Secretariat concluded its discussions with UNDP on all the issues outlined in the Secretariat's comments, and recommends blanket approval of all the projects with the funding levels and associated support costs as indicated below.

Project Title	Project Cost US \$	Support Cost US \$	Implementing Agency
(a) SOUTECH - Conversion to CFC-free Technology in the Manufacture of Polyurethane Foam	326,750	42,778	UNDP
(b) UMBRELLA PROJECT - conversion to CFC-free Technology in small CFC consuming enterprises using CFC in the Manufacture of Rigid Polyurethane foam	39,930	5,191	UNDP