



PROJECT DOCUMENT



Project Title: Institutional Strengthening for the Phase-out of ODS (Phase-VI)

UNDAF Outcome(s)/Indicator(s):
(Link to UNDAF outcome. If no UNDAF, leave blank)

2.2 Survival and development rights of vulnerable groups are ensured within an environmentally sustainable framework

Expected Outcome(s)/Indicator (s):
(CPAP outcomes linked to the MYFF goal and service line)natural

2.1 Carrying capacity of environment and resourcesbase is enhanced, MYFF Line 3.6 – National/ sectoral policy and planningto control emissions of ozone-depleting substances

Expected Output(s)/Indicator(s):
(CPAP outputs linked to the above CPAP outcome):

Phase out of the Ozone Depleting substances

Implementing partner:
(designated institution/Executing agency)

Department of Environment of the Ministry of Environment and Forests

Other Partners:
(formerly implementing agencies )

Table with project details: Programme Period (2011-2013), Component (Sustainable Environment & Energy Management), Project Title (BGD/SEV/61/INS/37 - Institutional Strengthening Phase VI), Project ID, Award ID, Project Duration (24 months), and Management Arrangement (National Implementation).

Table with budget details: Total Budget (US\$ 130,000.00), Allocated resources (Government: --, Regular: --, MP: US\$ 130,000.00), and In kind contributions (Unfunded budget: --).

Narrative

The project will allow the National Ozone Unit to continue to plan, organize, direct and coordinate all activities required for the implementation of Bangladesh's strategy in all areas related to the Phase-out of Ozone Depleting Substances under the Montreal Protocol.

Agreed by (Implementing Partner): [Signature] Date 14/11/11

Dr. Mohammad Nasiruddin
Joint Secretary (Dev)
M/o. Environment & Forest
Govt. of the People's Republic of Bangladesh

Agreed by Government (ERD): [Signature] Date 19.10.2011

Bileep Kumar Das
Joint Secretary
Economic Relations Division
Ministry of Finance
Govt. of the People's Republic of Bangladesh

Agreed by UNDP: [Signature] Date 17.11.2011

Stefan Priesner
Country Director
UNDP-Bangladesh



**Government of Bangladesh**  
**United Nations Development Programme**  
**UNDP – MLF**

**BGD/SEV/61/INS/37- Institutional Strengthening Phase VI**

This project extends institutional strengthening support to the National Ozone Unit for two additional years of operation. The project will allow the National Ozone Unit to continue to plan, organize, direct and coordinate all activities required for the implementation of Bangladesh's strategy in all areas related to the Phase-out of Ozone Depleting Substances under the Montreal Protocol.

The grant requested to the MLF by the Government of Bangladesh is US\$ 130,000. This was approved in the 61st Meeting of the Executive Committee of Multilateral Fund to the Montreal Protocol held in July 2010.

National Executing Agency- Ministry of Environment and Forest (MoEF)

National Implementing Agency - National Ozone Unit (NOU), Department of Environment.

UN Implementing Partner: UNDP, Montreal Protocol Unit

Estimated Start Date – July 2011

Estimated End Date - June 2013

Total Budget – US\$ 130,000

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## SECTION I: ELABORATION OF NARRATIVE

### Part I. Situation Analysis

Bangladesh ratified the Montreal Protocol on 2 August 1990 and ratified its London (R), Copenhagen (At), Montreal (At) and Beijing (Ac) amendments on 18 March 1994, 27 November 2000, 27 July 2001, and 24 August 2010 respectively.<sup>1</sup> To fulfil Bangladesh's obligation under the Montreal Protocol, the Government undertook a reconnaissance survey in 1993 and based on it, Country Programme was prepared in 1994. Country programme of Bangladesh was approved in September 1994 by the 14th Meeting of the Executive Committee of the Multilateral Fund to the Montreal Protocol. Funds for Institutional Strengthening Project to the tune of US\$ 150,000.00 to assist the National Ozone Unit ("Ozone Cell") for planning and coordinating all activities related to fulfilling Bangladesh's obligation under the Protocol, was also approved. First phase of IS project was implemented during the period March 1996 to February 1999. The second phase was approved in November 1999 at the 29th meeting of the executive committee for an amount of US\$ 100,000.00. The second phase of the project was implemented during March 1999 to March 2002. The third phase of the project was approved, US\$ 100,000.00, by the 35th Ex.Com. Meeting MLF in December 2001 and implemented during April 2002 to June 2005. The fourth phase was approved with a 30% higher budget, US\$ 130,000.00, by the 44th Ex.Com of the MLF and implemented during June 2005 and June 2008. The fifth phase of the project was approved US\$ 130,000.00 in the 53<sup>rd</sup> Ex. Com. (held in November 2007) and started implementing in July 2008 and expected to be completed by June 2011.

Ozone Cell, as mentioned earlier, is the national focal agency for coordinating activities under Montreal Protocol. Director General of the Department of Environment is the Chairman of the Ozone Cell. To supervise the activity of the Ozone Cell (National Ozone Unit) National Technical Committee on Ozone Depleting Substances (NTCODS) is constituted under the Chairmanship of the Secretary of the Ministry of Environment and Forest. The composition of NTCODS helps the Ozone Cell in its access to senior decision-makers.

Institutional Strengthening (Phase - VI) project will be initiated by the Ozone Cell of the Department of Environment. Departmental Special Project Evaluation Committee (DSPEC) of the Ministry of Environment and Forest will approve the project. The committee includes Ministry of Environment and Forest, Ministry of Planning, Economic Relations Division of the Ministry of Finance, Department of Implementation, Monitoring and Evaluation (IMED), Ministry of Commerce, National Board of Revenue under Ministry of Finance.

Summary of achievements under Phase-V and strategy for Phase VI in the current context is given below.

#### **Achievement:**

The following activities undertaken under Phase-V of Institutional Strengthening Project. Institutional Strengthening (Phase-V) started in July 2008 and were completed in June 2011.

#### **(a) Regulations implementation**

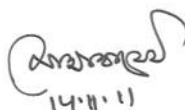
- Continued implementation of Licensing System to control ODS consumption as per "Ozone Depleting Substances (Control), Rules 2004".

#### **(b) Awareness and information outreach**

- Observed International Ozone Day during 2008, 2009, and 2010. Organized seminars, Children Painting Competition and Essay Competition etc. Also brought about special supplement in the daily

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<sup>1</sup> R- Ratified, At-Accepted, Ac-Accessed.

  
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newspapers through collecting messages from the Hon'ble President, Hon'ble Prime Minister/Chief Advisers and Ministers/Advisers of Environment and Forests.

### (c) CFC MDI phase-out and NoPP project implementation

- Ozone Cell with the assistance of UNEP and UNDP prepared Transitional Strategy and Conversion Project respectively for the phase-out of CFCs in the Pharmaceutical Sector and submitted to MLF. MLF approved the Transitional Strategy & Conversion Project to the tune of US\$ 70,000.00 and US\$ 2,77,6788.00 respectively.
- Raised MDI issue in the 17th MOP in December 2005 and obtained decision XVIII/16 in the 18th MOP in November 2006. MOP permitted extraordinary exemption of CFCs during 2007-09 for the production of MDIs in Developing Countries. MOP also requested Ex.Com of MLF to consider Project for MDIs.
- Assist implementation of MDI conversion project and Transition strategy projects.
- Training support and equipment procurement for service technicians under NoPP.

### (d) Initiation of HPMP and (e) monitoring and reporting.

- Assist to implement other ODS projects, viz, National ODS Phase-out Plan; both UNEP and UNDP Components.
- Collected data and reported to the Montreal Protocol Secretariat and to the MLF Secretariat as per Article 7 of the Montreal Protocol every year.

CFC was phased out in the refrigeration and air-conditioning (RAC) sector and its consumption was reduced in the MDI manufacturing sector. Bangladesh is now in compliance as per MP requirement and also as per milestone set out under National ODS phasing out plan (i.e., for the year 2009). Sector wise consumption of ODS and import data presented below:

#### Sector wise Consumption of ODS in 2008

Sl. No	Ozone Depleting Substances	Consumption By Sector (2008)					Total	Import
		Refrigeration		Solvent	Foam Production	MDI		
		Manufacturing	Servicing					
1	CFC-11		5.83	-	-	30.15	35.98	36.18
2	CFC-12	4.50	46.00	-	-	68.268	118.77	122.13
3	CFC-115	-	-	-	-	-	-	-
4	Carbon Tetrachloride	-	-	0.05	-	-	0.05	0.05
5	Methyl Chloroform	-	-	5.00	-	-	5.00	5.00
6	HCFC	376.60	618.50	-	120.00	-	1005.10	1051.09

Note- HCFC-22 is not controlled yet by Montreal Protocol. Control will be started from 2013.

#### Sector wise Consumption of ODS in 2009

Sl. No	Ozone Depleting Substances	Consumption By Sector (2009)					Total	Import
		Refrigeration		Solvent	Foam Production	MDI		
		Manufacturing	Servicing					
1	CFC-11	-	2.10	-	-	23.58	25.68	28.21
2	CFC-12	2.60	31.30	-	-	58.60	92.50	98.937
3	CFC-115	-	0.73	-	-	-	0.73	0.73
4	Carbon Tetrachloride	-	-	0.05	-	-	0.05	0.05
5	Methyl Chloroform	-	-	5.00	-	-	5.00	5.00
6	HCFC	240.00	592.50	-	192.00	-	1014.50	1046.87

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*Note- HCFC-22 is not controlled yet by Montreal Protocol. Control will be started from 2013.*

## **Current Situation**

Bangladesh is currently in the final stages of implementing two major projects in reducing its consumption of Ozone Depleting Substances, these being the National Phase out Plan and the MDI Transition Strategy. At this time Bangladesh also has to take steps to achieve compliance with its Hydrochlorofluorocarbon (HCFC) phase out obligations under the Montreal Protocol for which HPMP is being prepared for submission at 65<sup>th</sup>ExCom meeting. In this regard, it is important that Bangladesh continues to have its National Ozone Unit supported by the Institutional Strengthening Project to ensure that the ongoing projects are implemented.

## **Part II. Strategy for Phase-VI**

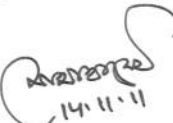
### **Objectives, Activities and Budget**

The following are the objectives of this phase of the project:

1. Formulation and finalization of detailed work programme for 1st year of the project
2. Imposition of control on ODS import through current Policy of ODS import permit
3. Oversee the implementation of Transition Strategy and Conversion Project for MDI sector and the continued implementation of the National Phase Out Plan
4. Co-ordination and monitoring for the Implementation of the following projects under National ODS Phase-out Plan:

Public Awareness activities:

- o Technician Training on Good Practices in Refrigeration
  - o Customs Training
  - o Recovery & Recycling of Refrigerants
  - o Retrofit of Domestic Refrigerants
  - o Retrofit of Mobile Air-conditioners
  - o TA Seminar for Chiller sector & Solvent sector
5. Conducting data update survey for the year 2010, 2011 and 2012 for ODS data reporting under Article 7 and to Multilateral Fund Secretariat.
  6. Reporting of ODS data for the year 2010, 2011 and 2012 to the Ozone Secretariat, Fund Secretariat, Implementing Agencies and to the other relevant offices/Agencies.
  7. Organize seminar / workshop / Stakeholder Meeting on Ozone Layer Depletion, Measures to be taken to protect it, Alternative technologies, Implementation of projects, policies etc.
  8. Organize inter-ministerial meeting for formulation and finalization of programme for Ozone Day.
  9. Publication of Posters, stickers, Brochures etc. and disseminated.
    - Country wide Awareness campaign during World Environment Day, 2011, 2012 and 2013
    - Organize nationwide essay competition on the eve of International Ozone Day
    - Organize nationwide painting competition on the eve of International Ozone Day.
    - Organize fair for ODS-free appliances
    - Special programme on Radio and Television Project Activities for 2011 and 2012

  
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### Project Activities and Budget for 2011, 2012 and 2013 (24 Months)

BL	Description	Total
72200	Equipment (list to be provided by the implementing partner)	5,000
71400	Support Staff	21,400
71300	Professional Staff	
	a) Senior Officer	35,700
	b) Research Officer	15,600
71600	Duty Travel (Local)	2,000
71600	Travel (International)	10,000
63400	Funds for Public Awareness	4,000
72200	Supplies	4,300
73400	Operational Cost Including Rental Vehicle	5,000
63400	Seminar / Workshop / Training / Stakeholder Meeting	8,000
72100	Survey	4,000
63400	International Ozone Day	5,000
74500	Miscellaneous Expenses #	6,000
74200	Printing Publication Etc.	4,000
	<b>Total</b>	<b>130,000</b>

# This includes Communications, Telephone Bill, Courier Bill, Web Site Development for Ozone Cell.

### **Part III. Management Arrangements**

This project will be executed under the National Implementation Modality. The national counterpart for this project is the National Ozone Unit (NOU), Ministry of Environment & Forests.

Institutional Strengthening (Phase-VI) project will follow-up the activities of the Institutional Strengthening (Phase-V) under Montreal Protocol.

To keep institutional memory sustained and to ensure continuation of the previous activities, all trained project personnel and staff, logistic support, library, accumulated database as created under Phase-V of the Institutional Strengthening project will be transferred from Phase-V to Phase-VI of the Institutional Strengthening project as per GoB rule or Standard Practice.

### **SECTION II: STRATEGIC RESULTS FRAMEWORK**

The Annual Implementation Plans are presented in 9. Objectives, planned activities per year and expected results in Pages 30 of the attached Proposal document.

### **SECTION III: TOTAL BUDGET AND WORK PLAN**

The Budget and Workplan are presented in Annex 1 of this document.

  
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**ANNEX 1 - ANNUAL WORK PLAN**

**Annual Work Plan  
Budget to be entered in ATLAS**

Country: Bangladesh  
 Business Unit: BGD10  
 Short Title: BGD/SEV/61/INS/37 - Institutional Strengthening Project Phase VI  
 Long Title: Extension of Institutional Strengthening – Phase VI  
 Total Budget: US\$130,000  
 2011

Atlas Activity	Responsible Party	Atlas Budget Description	2011 amount (USD)	Dept. ID	Operation Unit	Fund	Implementing Agency	Donor ID
Activity 1 Institutional Capacity of the Ozone Cell enhanced	UNDP	72200 Equipment	-	39205	BGD	63030	002100	10009
	MoEF	71400 Support Staff	5,350	39205	BGD	63030	001360	10009
	MoEF	71300 Professional Staff			BGD	63030		10009
	MoEF	a) Senior Officer	8,925	39205	BGD	63030	001360	10009
	MoEF	b) Research Officer	3,900	39205	BGD	63030	001360	10009
	MoEF	71600 Duty Travel (Local)	500	39205	BGD	63030	001360	10009
	UNDP	71600 Travel (International)	3,000	39205	BGD	63030	002100	10009
	MoEF	63400 Funds for Public Awareness	1,000	39205	BGD	63030	001360	10009
	MoEF	72200 Supplies	1,000	39205	BGD	63030	001360	10009
	MoEF	73400 Operational Cost Including Rental Vehicle	1,000	39205	BGD	63030	001360	10009
	MoEF	63400 Seminar / Workshop / Training / Stakeholder Meeting	2,000	39205	BGD	63030	001360	10009
	MoEF	72100 Survey		39205	BGD	63030	001360	10009
	MoEF	63400 International Ozone Day	2,500	39205	BGD	63030	001360	10009
	MoEF	74500 Miscellaneous Expenses (Communications, Telephone Bill, Courier Bill, Web Side Development for Ozone Cell)	1,500	39205	BGD	63030	001360	10009
	MoEF	74200 Printing Publication Etc.	1,000	39205	BGD	63030	001360	10009
		<b>Total</b>	<b>31,675</b>					

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Atlas Activity	Responsible Party	Atlas Budget Description	2012 amount (USD)	Dept. ID	Operation Unit	Fund	Implementing Agency	Donor ID
Activity 1 Institutional Capacity of the Ozone Cell enhanced	UNDP	72200 Equipment	5,000	39205	BGD	63030	002100	10009
	MoEF	71400 Support Staff	10,700	39205	BGD	63030	001360	10009
	MoEF	71300 Professional Staff	-	39205	BGD	63030	001360	10009
			17,850	39205	BGD	63030	001360	10009
			7,800	39205	BGD	63030	001360	10009
	MoEF	71600 Duty Travel (Local)	1,000	39205	BGD	63030	001360	10009
	UNDP	71600 Travel (International)	5,000	39205	BGD	63030	002100	10009
	MoEF	63400 Funds for Public Awareness	2,000	39205	BGD	63030	001360	10009
	MoEF	72200 Supplies	2,000	39205	BGD	63030	001360	10009
	MoEF	73400 Operational Cost Including Rental Vehicle	2,000	39205	BGD	63030	001360	10009
	MoEF	63400 Seminar / Workshop / Training / Stakeholder Meeting	4,000	39205	BGD	63030	001360	10009
	MoEF	72100 Survey	2,000	39205	BGD	63030	001360	10009
	MoEF	63400 International Ozone Day	2,500	39205	BGD	63030	001360	10009
MoEF	74500 Communications, Telephone Bill, Courier Bill Web Side Development for Ozone Cell	3,000	39205	BGD	63030	001360	10009	
MoEF	74200 Printing Publication Etc.	2,000	39205	BGD	63030	001360	10009	
		<b>Total</b>	<b>66,850</b>					

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Atlas Activity	Responsible Party	Atlas Budget Description	2013 amount (USD)	Dept. ID	Operation Unit	Fund	Implementing Agency	Donor ID
Activity 1 Institutional Capacity of the Ozone Cell enhanced	UNDP	72200		39205	BGD	63030	002100	10009
	MoEF	71400	5,350	39205	BGD	63030	001360	10009
	MoEF	71300	-	39205	BGD	63030	001360	10009
	MoEF		8,925	39205	BGD	63030	001360	10009
	MoEF		3,900	39205	BGD	63030	001360	10009
	MoEF	71600	500	39205	BGD	63030	001360	10009
	UNDP	71600	2,000	39205	BGD	63030	002100	10009
	MoEF	63400	1,000	39205	BGD	63030	001360	10009
	MoEF	72200	1,300	39205	BGD	63030	001360	10009
	MoEF	73400	2,000	39205	BGD	63030	001360	10009
	MoEF	63400	2,000	39205	BGD	63030	001360	10009
	MoEF	72100	2,000	39205	BGD	63030	001360	10009
	MoEF	63400	-	39205	BGD	63030	001360	10009
	MoEF	74500	1,500	39205	BGD	63030	001360	10009
	MoEF	74200	1,000	39205	BGD	63030	001360	10009
			<b>Total</b>	<b>31,475</b>				

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## PROJECT COVER SHEET

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COUNTRY: BANGLADESH

PROJECT TITLE: Renewal of Institutional Strengthening (Phase VI)

SECTOR: Several

CFC CONSUMPTION:

Baseline (1995-97):	580.40M. Tonnes
2000:	805.00 ODP Tonnes
2001:	807.90 ODP Tonnes
2002:	328.00 ODP Tonnes
2003:	333.00 ODP Tonnes
2004:	294.90 ODP Tonnes
2005:	263.00 ODP Tonnes
2006:	196.70 ODP Tonnes
2007:	155.135 ODP Tonnes
2008:	158.31 ODP Tonnes
2009:	127.877 ODP Tonnes
2010:	-

PROJECT DURATION: 2 years (July 2011 - June 2013)

PROJECT IMPACT: Implementation of Phase out of ODS

PROJECT COST: US\$ 130,000

AGENCY SUPPORT COST: US\$ 9,750

TOTAL COST TO THE MLF: US\$ 139,750

SOURCE OF FUNDS: Multilateral Fund (MLF) for the Implementation of the Montreal Protocol.

NATIONAL IMPLEMENTING AGENCY: National Ozone Unit: Department of Environment, Ministry of Environment and Forests

IMPLEMENTING AGENCY: UNDP

SUBMISSION DATE: February 2011

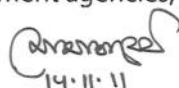
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### PROJECT REVISION SUMMARY

This project proposal is submitted to extend institutional strengthening support to the National Ozone Unit for two additional years of operation. The project will allow the National Ozone Unit to continue to plan, organize, direct and coordinate all activities required for the implementation of Bangladesh's strategy in all areas related to the Phase-out of Ozone Depleting Substances under the Montreal Protocol.

The Executive Committee of Multilateral Fund Decision 33/12 *decided* that Governments commit to ensure that:

- i. The National Ozone Unit is given a clear mandate and responsibility to carry out the day-to-day work in order to prepare, coordinate and, where relevant, implement the government's activities to meet its commitments under the Montreal Protocol; this also requires access to decision-makers and enforcement agencies;

  
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- ii. The National Ozone Unit's position, capacities, and continuity of officers, resources and lines of command within the authority in charge of ozone issues are such that the National Ozone Unit can carry out its task satisfactorily;
- iii. A specified high-level officer or a post within the authority is given overall responsibility for supervising the work of the National Ozone Unit and ensuring that action taken is adequate to meet commitments under the Protocol;
- iv. Necessary support structures, such as steering committees or advisory groups are established, involving other appropriate authorities, the private sector and non-governmental organizations, etc;
- v. Personnel and financial resources and equipment provided by the Multilateral Fund are fully allocated to the task of eliminating ODS consumption and production and are made available to the National Ozone Unit;
- vi. Annual work plans for the National Ozone Unit are prepared and integrated in the authorities' internal planning processes;
- vii. A reliable system to collect and monitor data on ozone depleting substances imports, exports and production is established; and
- viii. Measures taken and problems encountered are reported to the Secretariat and/or the implementing agency in charge of the institutional strengthening project when required by the Executive Committee.

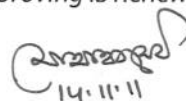
#### Progress report

1. During its fifth phase, the Institutional Strengthening (IS) project of Bangladesh continued, successfully, achieving and maintaining compliance with the Montreal Protocol control measures for RAC sector. In particular, the National Ozone Unit of Bangladesh coordinated the implementation of several projects to phase out CFCs including organising workshop for Policy makers and relevant stakeholders, assisting UNDP and UNDP Mission for verification of ODS consumption in MDI sectors, increase awareness among students by organizing essay and Children's painting competition, initiating preparation of HPMP of Bangladesh and preparation of conversion project for the Phase-out of HCFC-141b from the foam sector.
2. NOU coordinated closely with Government and Industry on project implementation matters. NOU has worked closely with CFC MDI manufacturing industry over the last two years to ensure expeditious implementation of CFC MDI phase-out project.
3. NOU has now started data collection for the preparation of HCFC phase-out management plan.
4. The National Ozone Unit of Bangladesh began development of the "Bangladesh ODS standards" for CFC-free refrigerators and freezer imported. The National Ozone Unit also develops publications and posters being produced and distributed among Government officials especially to those involved in decision-making and planning process.

#### Plan of action

3. The NOU of Bangladesh has the following objectives for the sixth phase of the institutional strengthening project: Imposition of control on HCFCs import, completing implementation of strategy and conversion project in the MDI sector, Training of policy makers, finalisation of HPMP of Bangladesh and implementation support for HCFC-141b phaseout in Walton Hi-Tech Industries Limited . The NOU will complete current ongoing activities including the NoPP. Besides implementation of specific projects, the NOU will continue raising public awareness through various initiatives among national stakeholders.

*Views Expressed by the ExCom in its 61<sup>st</sup> Meeting while approving IS Renewal – Phase VI*

  
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## Bangladesh

The Executive Committee has reviewed the report presented with the request for the renewal of the institutional strengthening project (Phase VI) for Bangladesh and notes with appreciation that the country programme data reported by Bangladesh for the year 2009 to the Multilateral Fund Secretariat is in line with the targets under the Montreal Protocol. The Executive Committee also notes with appreciation the measures put in place by your Government for fast-track implementation of ODS phase-out projects and the cabinet approval of your Government's intention to ratify the Beijing Amendment. The Executive Committee also notes that Bangladesh has taken significant steps to complete implementation of the CFC metered-dose inhaler phase-out project. The Executive Committee is therefore hopeful that, in the next two years, Bangladesh will continue with the implementation of its activities to sustain ODS phase-out with focus on fast-track completion of remaining activities in the national phase-out plan and CFC metered-dose inhaler phase-out project, and institutionalize processes for achieving HCFC phase-out in line with targets specified under Decision XIX/6 of the Meeting of the Parties to the Montreal Protocol.

Annexes attached to this submission:

- 1) Terminal Report of previous phase
- 2) Revised Action Plan

  
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## ANNEX 2- Approved Proposal Document

### PROJECT OF THE GOVERNMENT OF BANGLADESH INSTITUTIONAL STRENGTHENING (MONTREAL PROTOCOL)

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#### 1. PROJECT REVISION OBJECTIVE

This project proposal is submitted to extend institutional strengthening support to the National Ozone Unit for two additional years of operation (July 2011 through June 2013). The project will allow the National Ozone Unit to continue to plan, organize, direct and coordinate all activities required for the implementation of Bangladesh's strategy in all areas related to the Phase-out of Ozone Depleting Substances under the Montreal Protocol.

#### 2. BACKGROUND

Bangladesh ratified the Montreal Protocol on 2 August 1990 and ratified its London (R), Copenhagen (At), Montreal (At) and Beijing (Ac) amendments on 18 March 1994, 27 November 2000, 27 July 2001, and 24 August 2010 respectively.<sup>2</sup> To fulfil Bangladesh's obligation under the Montreal Protocol, the Government undertook a reconnaissance survey in 1993 and based on it, Country Programme was prepared in 1994. Country programme of Bangladesh was approved in September 1994 by the 14th Meeting of the Executive Committee of the Multilateral Fund to the Montreal Protocol. Funds for Institutional Strengthening Project to the tune of US\$ 150,000.00 to assist the National Ozone Unit ("Ozone Cell") for planning and coordinating all activities related to fulfilling Bangladesh's obligation under the Protocol, was also approved. Since then, six phases of Bangladesh IS project were approved.

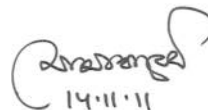
Ozone Cell, as mentioned earlier, is the national focal agency for coordinating activities under Montreal Protocol. Director General of the Department of Environment is the Chairman of the Ozone Cell. To supervise the activity of the Ozone Cell (National Ozone Unit) National Technical Committee on Ozone Depleting Substances (NTCODS) is constituted under the Chairmanship of the Secretary of the Ministry of Environment and Forest. The composition of NTCODS helps the Ozone Cell in its access to senior decision-makers.

The National Ozone Unit implemented successfully most of the projects in the Country Programme as given below.

- Put in place legislative measures to control import of ODS and equipment that contain them by ODS import restriction imposed.
- Submitted CRP for MDI sector and supported adoption of Decision XVIII/16 for extraordinary exemption of CFCs use during 2007-2009 in the MDI sector in 18<sup>th</sup> MOP held in New Delhi, India, November 2006.
- Increased public awareness among the government officials especially those involved in decision-making and planning process, Deputy Commissioners of all the districts, educational institutions by distributing publication of messages of the Hon'ble President; the Hon'ble Prime Minister; the Hon'ble Minister for Environment and Forest, Secretary, Ministry of Environment and Forest and the Resident Representative of UNDP in Bangladesh in different national dailies both in Bangla and in English through bringing out special supplements containing activities on ozone layer issues. distributed for awareness
- Trained 450 technicians engaged in the refrigeration and air conditioning sector 50 customs officers trained in Chillagong Customs House and identifiers distributed to the customs entry points.
- MLF approved US\$ 70,000 for Transition Strategy and US\$ 2,776,778 for Conversion projects of MDI Sector in 52<sup>nd</sup> EXCom Meeting.

Many more details about activities undertaken during the current phase of the institutional strengthening project can be found in the attached annex 1.I.

#### 3. JUSTIFICATION FOR THE PROJECT EXTENSION:

  
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<sup>2</sup> R- Ratified, At-Accepted, Ac-Accessed.

It is estimated that the period 2011-2013 will be critical to sustain the phase out of CFC consumption in Bangladesh, especially in order to facilitate and maintain the zero consumption target in RAC. Again it is also very much important to prepare HCFC Phase-out Management Plan (Stage-1) to start control HCFC consumption as per Decision XIX/6. First track implementation of MDI (for CFC Phase-out) and Foam project (for HCFC phase out) is also important. Approval of the extension of the Institutional Strengthening is critical to guarantee the success of the actions being implemented in other projects to phase-out ODS in Bangladesh. Full justifications for the extension and a detailed plan of action can be found in annex 2.

**4. PROJECT INPUTS.**

The distribution of the budget is similar to the distribution during the last few years. Based on the previous account, the Government of Bangladesh requests the MLF Executive Committee to renew the institutional strengthening for the National Ozone Unit for the amount US\$ 130,000 to be broken down as follows:

<b>BL</b>	<b>Description</b>	<b>Total</b>
72200	Equipment (list to be provided by the implementing partner)	5,000
71400	Support Staff	21,400
71300	Professional Staff	
	a) Senior Officer	35,700
	b) Research Officer	15,600
71600	Duty Travel (Local)	2,000
71600	Travel (International)	10,000
63400	Funds for Public Awareness	4,000
72200	Supplies	4,300
73400	Operational Cost Including Rental Vehicle	5,000
63400	Seminar / Workshop / Training / Stakeholder Meeting	8,000
72100	Survey	4,000
63400	International Ozone Day	5,000
74500	Miscellaneous Expenses (Communications, Telephone Bill, Courier Bill, Web Side Development for Ozone Cell)	6,000
74200	Printing Publication Etc.	4,000
	<b>Total=</b>	<b>130,000</b>

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### Annex 1: Terminal Report for Institutional-Strengthening Projects

(Sections 1-20 to be completed by the country concerned prior to sending it to the implementing agency for comments in Section 21)

1. Country: Bangladesh
2. National Implementing Agency / Ozone Unit: Department of Environment, Ministry of Environment and Forests, Government of the People's Republic of Bangladesh
3. Implementing Agency: UNDP
4. List of previous project phases:

Phase	Duration	MLF Funding (Approved)	MLF Funding (Disbursed)
Phase – I	Original: March 1996 - February 1999	US\$ 150,000	US\$ 150,000
	Revised: March 1996 - February 1999	US\$150,000	US\$150,000
Phase – II	Original : March 1999 – February 2001	US\$ 100,000	US\$ 99,838
	Revised : March 1999 - March 2002	US\$ 100,000	
Phase – III	Original : April 2002 - March 2004	US\$ 100,000	US\$ 100,000
	Revised : April 2002 - June 2005	US\$ 100,000	
Phase-IV	Original : July 2005 - June 2007	US\$ 130,000	US\$ 130,000
	Revised : July 2005 - June 2008	US\$ 130,000	
Phase-V	Original : July 2008 - June 2010	US\$ 130,000	US\$ 101,000.69 (Approx.)
	Total (Phase-I, Phase-II, Phase-III, Phase-IV& Phase-V)	US\$ 610,000	US\$ 580,838.69

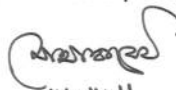
**Note :** Expenditure reported up to March 2010. Expenditure incurred in the month of April/2010 including Procurement of Office Equipment not included in the 5<sup>th</sup> Phase disbursement above. It is approximately US\$ 7550.00.

5. Indicate the main project objective and the detailed objectives as defined in the action plan for the phase reported upon:

The main objective of the "Institutional Strengthening for the Phase-out of Ozone Depleting Substances (Phase-V)"(BGD/SEV/53/INS/28) is to follow up the activities of the Ozone Cell as constituted within the Department of Environment to function as the focal point for co-ordination of all activities related to the implementation of the phase-out action plans specified in the country programme.

Detailed Objectives are as follows :

1. Formulation and finalisation of detailed work programme for the project period.
2. Review current policy for ODS import
3. Issue ODS import permit.
4. Data update survey for the year 2008 and 2009.
5. Reporting data to the Ozone Secretariat, Multilateral Fund Secretariat, Implementing Agencies, Regional network offices and to other relevant offices.
6. Preparation and submission of EUN-2010 & EUN-2011.
7. Observation of International Ozone Day 2008 and 2009.
8. Awareness Campaign
9. Organisation of Seminar/Workshop/Training/stockholder meetings.
10. Co-ordination and facilitation of activities related to ODS phase-out.
11. Facilitating exchange of and access to information on ODS phase-out activities
12. Assist foreign mission.
13. Legal enforcement aspects.

  
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14. Assist Implementation of National ODS Phase-out Plan for phase-out of CFCs in RAC sector, CTC and Methyl chloroform in solvent sector and implementation of Transition Strategy & Conversion project for Phase-out of CFCs in the pharmaceutical sector.
15. Participation in the ODS related National and International Meetings/Seminar/ Workshops and Protocol related activities.
6. Describe the results achieved by category and compare them with the results foreseen in the Action Plan:

Year	Activities	Results Expected	Results Achieved
July'08- Dec'08	Preparation of work programme for the year 2008	Work Plan for the year 2008	Work plan for 2008 finalized.
	Stakeholder consultation, Review of current import of ODS.	Imposition of Control of ODS import.	Quota on ODS import finalized.
	Issue of ODS import permit	Control ODS import.	ODS import controlled.
	Attend 20 <sup>th</sup> MOP & 41st Imp.Com. Meeting held in Doha , Qatar in November, 2008	Provide information regarding over consumption of CFCs for MDI production as per decision XVIII/16 and provide status on implementation of Transition strategy and conversion projects.	Implementation Committee were informed regarding Bangladesh Situation on MDI issues and recommended. MOP requested Imp.Com to review their recommendation in the next meeting and to submit again in the 21st MOP.
	Assist implementation of Transition Strategy and Conversion Project in the MDI Sector.	Prodoc Signing & Complete internal approval procedure	Prodoc signed on 7 October, 2008.
	Assist implementation of National ODS Phase-out Plan	Implementation of the following activities under NOPP :  1) Public Awareness activities 2) Technician Training on Good Practices in Refrigeration 3) Customs Training	Uses of ODSs reduced in the RAC sector as per milestone.
	Reporting of the Article-7 data to the Ozone Secretariat for the year 2007.	Reporting of ODS data to the relevant agencies.	Article-7 data for the year 2007 reported to the ozone secretariat and to the implementing agencies on 10/10/2008.
	Reporting of the CP implementation data to the MLF for the year 2007.	Reporting of CP implementation data to the relevant agencies	CP implementation data reported to the MLF for the year 2007 and to the implementing agencies on 05/11/2008.

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Year	Activities	Results Expected	Results Achieved
	<u>Public Awareness</u> Observation of International Ozone Day'08	Raise awareness	International Ozone Day'08 was observed throughout Bangladesh in a befitting manner. Department of Environment, Ministry of Environment and Forest, Government of Bangladesh undertook various programmes on the Day. The programme of the Day included publication of messages of the Hon'ble President; the Hon'ble Prime Minister; the Hon'ble Minister for Environment and Forest, Secretary, Ministry of Environment and Forest and the UN Resident Coordinator in Bangladesh in different national dailies both in Bangla and in English through bringing out special supplements containing activities on ozone layer issues. Posters and stickers were designed and printed according to the theme of the Day and were distributed for awareness among the government officials especially those involved in decision-making and planning process, Deputy Commissioners of all the districts, educational institutions for wide circulation. Road islands and over bridges of the capital city were also decorated with festoons, banners slogans depicting the spirit of observance of the Day. Bangladesh Radio and Television had broadcast special programmes highlighting the significance of the Day.
	Organisation of Essay Competition	Raise awareness among students of Schools, Colleges and Universities.	An essay competition was organised in September 2008 on various topics meant for students of various study grades from Schools to Universities. Awareness levels increased among students on account of this.
	Organisation of Painting Competition	Awareness raise among school students.	Organised in September 2008 on the eve of Int'l Ozone Day among children belonging to age group of 16 years and below.
Jan-Dec/09	Preparation of work programme for the year 2009	Work Plan for the year 2009	Work plan finalized.
	Stakeholder consultation, Review of current import of ODS.	Imposition of Control of ODS import.	Quota on ODS import finalized.
	Issue of ODS import permit	Control ODS import.	ODS import controlled.
	Preparation & Submission of EUN-2010	EUN-2010 for the production of MDIs in Bangladesh	EUN-2010 submitted in time and was approved.

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Year	Activities	Results Expected	Results Achieved
	Preparation and submission of tranche release proposal under NOPP	Release of the 2nd, 3rd and 4th tranche under NOPP.	2nd, 3rd and 4th tranche under NOPP released by 57th Ex.Com of MLF.
	Preparation and Submission of Plan of Action as per request of the Ozone Secretariat	Action Plan prepared and submitted for the consideration of Imp.Com and MOP-21.	Action Plan Bangladesh approved by MOP-21.
	Assist high level foreign mission	Assist High level officials of Ozone Secretariat, MLF, UNDP, UNEP, Imp.Com, Ex.Com delegates to visit Bangladesh.	Ex.Com chair, Imp.Com president, MLF Chief Officer, UNEP Ozone action chief, UNDP visited Bangladesh and discussed with high level officials and also participated as Special Guests in the opening ceremony of the MDI awareness raising workshop and unpacking ceremony of the two newly converted HFA based MDIs where Hon'ble President of Bangladesh was the Chief Guest.
	Attend 21st MOP held in Port Ghalib , Egypt in November, 2009	Provide information regarding over consumption of CFCs for MDI Sector as per decision XVIII/16.	Plan of Action were approved by MOP & also approved 156.70 MT of CFCs as EUN-2010.
	Assist implementation of Transition Strategy and Conversion Project in the MDI Sector.	MOA Signing with beneficiaries for first tract implementation of Conversion Project & Complete internal approval procedure	MOA signed on 29 October, 2009. Six CFC based MDIs converted by two Pharmaceuticals in HFA.
	Assist implementation of National ODS Phase-out Plan	Implementation of the following activities under NOPP : 1) Public Awareness activities 2) Technician Training on Good Practices in Refrigeration 3) Customs Training 4) Retrofit Training 5) Training on alternatives of CTC use in Readymade Garments sectors.	CFC use in the RAC sector phased-out on 1 January 2010.  CTC & Methyl Chloroform use in the garment sector and in solvent sector phased-out on 1 January 2010.
	Data Collection on ODS import and Consumption.	Data Collection for reporting purposes.	Article-7 data for the year 2008 reported to the Ozone Secretariat and to the implementing agencies.

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Year	Activities	Results Expected	Results Achieved
	<u>Public Awareness</u> Observation of International Ozone Day'09	Raise awareness	International Ozone Day'09 was observed throughout Bangladesh in a befitting manner. Department of Environment, Ministry of Environment and Forest, Government of Bangladesh undertook various programmes on the Day. The programme of the Day included publication of messages of the Hon'ble President; the Hon'ble Prime Minister; the Hon'ble Minister for Environment and Forest, Secretary, Ministry of Environment and Forest and the Resident Representative of UNDP in Bangladesh in deferent national dailies both in Bangla and in English through bringing out special supplements containing activities on ozone layer issues. Posters and stickers were designed and printed according to the theme of the Day and were distributed for awareness among the government officials especially those involved in decision-making and planning process, Deputy Commissioners of all the districts, educational institutions for wide circulation. Road islands and over bridges of the capital city were also decorated with festoons, banners slogans depicting the spirit of observance of the Day. Bangladesh Radio and Television had broadcast special programmes highlighting the significance of the Day.
	Organisation of Essay Competition	Raise awareness among students of Schools, Colleges and Universities.	An essay competition was organised in September 2009 on various topics meant for students of various study grades from Schools to Universities. Awareness rose.
	Organisation of Painting Competition	Awareness raise among school students.	Organised in September 2009 among children belonging to age group of 16 years and below. Awareness rose.
	Awareness campaign during World Environment Day, 2009	Awareness will be raised among all sectors importing and consuming ODS including general people of the country	Increase awareness among importers, users and as well as general public in different parts of the country.
	Assist UNDP to procure Recovery, Recycling and Retrofit kit under NOPP by providing specifications and expert support.	Procurement of Recovery, Recycling and Retrofit kit under NOPP.	Procurement process accomplished.

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Year	Activities	Results Expected	Results Achieved
Jan-Mar'10	Preparation of work programme for the year 2010	Formulation and Finalisation of detailed work programme	Detailed work programme for 2010 formulated and finalised.
	Survey for the year 2009	Update of Inventory on Ozone Depleting Substances imported and consumed in Bangladesh for the year 2009.	Update of Inventory on Ozone Depleting Substances Imported and Consumed in Bangladesh for the year 2009 is underway. It will be completed within two weeks.
	Preparation & Submission of EUN-2011	EUN-2011 for the production of MDIs in Bangladesh	EUN-2011 submitted in time.
	Preparation and submission of tranche release under NOPP	Release of remaining tranche under NOPP.	Remaining tranche under NOPP released by 60th Ex.Com of MLF.
	Participation in the Border Dialogue between Bangladesh, India, Bhutan and Nepal held in Darjeeling, India, organized by UNEP.	Control of illegal trade and combat smuggling of ODS	Required decisions under taken by the neighbouring countries to combat illegal trade and smuggling of ODS.
	Assist UNEP Mission	Collection of Data and information regarding ODS emission and possible recovery, reclaiming and destruction of ODS during ship breaking.	Regional project proposal prepared by the UNEP and submitted to the MLF for funding

**Describe additional results unforeseen in the Action Plan:**

Plan of Action approved by 21st MOP in order to return to the compliance.

CFCs phased-out in the RAC sector. CTC and Methyl chloroform in the solvent sector.

Halons and Methyl Bromide were not imported or consumed in 2008 & 2009. It was confirmed during the data update survey for the year 2008 & 2009.

No Methyl Bromide was used in the QPS. Application of Heat during Quarantine of Wooden pellets used for exporting jute goods prevents uses of Methyl bromide. One of the Jute Industry (Dacca Jute Mills Ltd) developed indigenous heat treatment procedure find popularity among other Jute exporters of Bangladesh.

MOA signed by the Government & Beneficiaries for first trek implementation of MDI conversion project helped faster conversion in the MDI sector.

During the project period no CFC based refrigerator, freezer, Chillers imported.

People are aware of both ozone layer depletion and Climate Change. Industry requires alternatives of ODS with zero or small GWP.

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**Activities yet to be completed under IS Phase-V project:**

Year	Activities	Results Expected
From Apr'10 – June'10	Ratification of Beijing Amendment -All formalities completed, Cabinet approved ratification. -Only issuance of Instrument of Ratification by Ministry of Foreign Affairs and submission yet to complete.	Beijing Amendment ratified.
	Issue Licence for CFCs granted under EUN-2010 for MDI production and HCFCs.	Overall control on ODS import and consumption.
	Organization of Stakeholder Meeting for the Preparation of HPMP.	HPMP Preparation plan is being finalised. Survey process is in the process of being initiated.
	Publication of awareness materials	Published and widely distributed.
	Compilation and Verification of Data collected for reporting under Article-7 to the Ozone Secretariat and CP progress report to the MLF.	Article-7 data and CP Progress report for the year 2009 communicated to the relevant agencies.
	Assist UNDP and UNEP Mission for organization of Inception workshop for the preparation of HPMP and relevant projects.	HPMP Preparation Assisted.

7. Breakdown of approved costs, actual expenditures and Government funding as pertinent:

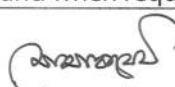
	Approved US\$	Spent US\$	Government Funding (US\$)	Other Sources
a) Personnel	46,500.00	43,839.42		
b) Public Awareness	6,000.00	4,206.00		
c) Operational cost	18,000.00	8,620.00		
d) Equipment	10,000.00	5,448.27		
e) Contingencies	10,000.00	6,740.00		
f) Others (Seminar/Workshop/ Training/ Survey/ International Ozone Day etc.	27,500.00	20,242.00		
g) Duty Travel including participation in the Meeting Abroad	12,000.00	11,905.00		
h) Others including in-kind and in cash				
- GOB in kind for project personal	10,000.00		9,197.08	
- GOB in cash for CDVAT	1,000.00		-	
Total Amount	141,000.00	101,000.69	9,197.08 (GOB)	

**Note :** Expenditure reported upto March 2010. Expenditure incurred in the month of April/2010 including Procurement of Office Equipment not included in the 5<sup>th</sup> Phase disbursement above. It is approximately US\$ 7550.00.

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8. Personnel Employed:

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
Professional Staff			
Professional Staff (1)	Senior Officer (1)	<ul style="list-style-type: none"> <li>- Co-ordinate and facilitate activities related to ODS phase-out;</li> <li>- Monitor activities related to ODS use in Bangladesh;</li> <li>- Conduct surveys and prepare report on the import and consumption of controlled substances required by Article 7 of the Montreal Protocol;</li> <li>- Facilitate exchange in information on ODS phase-out activities, technology alternatives, technical reports, etc;</li> <li>- Disseminate and create awareness about ODS phase-out;</li> <li>- Organise seminar / workshops / trainings etc;</li> <li>- Report to the Ozone secretariat, Fund secretariat, implementing agencies and to the Network Offices.</li> <li>- Assist Director General of the Department of Environment to grant import permit.</li> <li>- EUN preparation.</li> <li>- Attend ODS related National and International Meetings/Seminars/Workshops.</li> <li>- Assist National Project Director of the IS project as and when required.</li> </ul>	July'08 – June'10
Support Staff (4)	Research Officer (1)	<ul style="list-style-type: none"> <li>- Maintain files and records of the Ozone Cell.</li> <li>- Conduct country-wide survey on import and use;</li> <li>- Assist senior officer in preparation of various reports;</li> <li>- Maintain liaison with relevant agencies, ODS importer and users;</li> <li>- Co-ordinate and Monitor other ODS projects;</li> <li>- Collect and collate recent publications and journals on ODS;</li> <li>- Facilitate necessary correspondences with relevant agencies and Montreal Protocol Secretariat;</li> <li>- Maintain all other activities related to ODS phase-out in the Country.</li> <li>- Assist National Project Director as and when required.</li> </ul>	July'08 – June'10

  
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	Accountant (1)	<ul style="list-style-type: none"> <li>- Maintain overall project accounts books of accounts, budgeting, budget tracking, financial operations and reporting</li> <li>- Assist project director as and when required.</li> </ul>	July'08 – June'10
	Computer Operator (1)	<ul style="list-style-type: none"> <li>- Storage of Data, documentation and word processing</li> <li>- Data management</li> </ul>	July'08 – June'10
	MLSS (1)	<ul style="list-style-type: none"> <li>- Maintain files and documents;</li> <li>- Distribution of letters and documents;</li> <li>- Any other works assigned by the Project Director.</li> </ul>	July'08 – June'10

9. Were resources (staff, budget, equipment) used for activities in addition to the approved action plan? If so, please specify:

Not applicable

10. Describe the role and position of the NOU within the national administration, the way its work is supervised and its access to senior decision-makers; this may include the cooperation with steering committees, advisory groups or inter-ministerial bodies:

For implementation of the Montreal Protocol in Bangladesh, Ozone Cell (National Ozone Unit) was constituted within the Department of Environment in October 1995. Director General of the Department of Environment is the chairman of the Ozone Cell. The Terms of Reference (TOR) of the Ozone Cell are:

1. to act as Secretariat for the National Technical Committee on ODS (NTCODS);
2. to coordinate and facilitate activities related to ODS phase-out;
3. to grant permits during transition period and monitor activities related to ODS use in Bangladesh;
4. to be responsible for providing data on import and consumption of controlled substances to the Ozone Secretariat as required by Article 7 of the Montreal Protocol;
5. to facilitate exchange of information and access to information on ODS phase-out activities' technology alternatives, technical reports etc.;
6. to disseminate information and create awareness about ODS phase-out;
7. to organize seminars / workshops on ODS substitutes, alternative technologies, recycling and recovery etc.;
8. to participate in relevant meeting on ozone layer protection issue;
9. to report to the Ozone Secretariat, on yearly basis, about progress being made in the implementation of the country programmed;
10. any other issues as may be assigned by the National Technical Committee on Ozone Depleting Substances (NTCODS)

National Technical Committee on Ozone Depleting Substances (NTCODS) constituted for the implementation of the Montreal Protocol in Bangladesh, supervises the work of the Ozone Cell (NOU).

  
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The composition of NTCODS helps the Ozone Cell in its access to senior decision makers. The Compositions of NTCODS is as under:

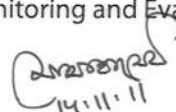
1. Secretary, Ministry of Environment and Forest	Chairman
2. Joint Secretary (Dev.) Ministry of Environment and Forest	Member
3. Director General, Department of Environment	Member
4. Representative, Ministry of Industry	Member
5. Representative, Ministry of Commerce	Member
6. Representative, Ministry of Home	Member
7. Representative, Ministry of Agriculture	Member
8. Representative, Ministry of Fisheries and Livestock	Member
9. Representative, National Board of Revenue (NBR)	Member
10. Representative, Fire Service & Civil Defence	Member
11. Representative, Bangladesh Federation of Chambers of Commerce and Industry (FBCCI)	Member
12. Representative, Bangladesh Cold Storage Association	Member
13. Representative, National Refrigeration and Air-conditioning BanikSamity	Member
14. Representative, Bangladesh Institute of Law and International Affairs (BILIA), Dhaka	Member
15. Project Director, "Institutional Strengthening for the Phase-out of ODS" Project	Member
16. Representative, 'Bangladesh Association of Pharmaceutical Industries'	Member
17. Deputy Secretary (Environment), Ministry of Environment and Forest	Member Secretary

The above composition speaks of the inter-ministerial and advisory nature of NTCODS. Besides, the Committee also acts as the advisory body.

The following Terms of Reference (TOR) of the National Technical Committee on ODS (NTCODS) is indicative of its advisory nature.

1. to ensure implementation of the country programme;
  2. to advise the government on import and export policies concerning ODS during the transition period;
  3. to advise the government on the required legal instruments and regulatory measures for ODS phase-out and submit specific proposals for ODS phase out;
  4. to advise the Ministry of Environment and Forest; in reviewing and monitoring use and import of ODS in the country and ascertaining whether those are in compliance with the Protocol or not (the Department of Environment will grant permits for import of ODS during transitions period and will submit periodic reports to NTCODS);
  5. to consider recommendations of Ozone Cell (National Ozone Unit) for phasing-out Ozone Depleting Substances as per country programme.
11. Describe how the action plans for the IS project has been integrated in the national authorities' planning process:

Institutional Strengthening project was initiated by the Ozone Cell of the Department of Environment. Departmental Special Project Evaluation Committee (DSPEC) of the Ministry of Environment and Forest approved the project. The committee included Ministry of Environment and Forest, Ministry of Planning, Economic Relations Division of Ministry of Finance, Department of Implementation, Monitoring and Evaluation (IMED), Ministry of

  
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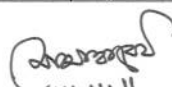
Commerce, National Board of Revenue, Ministry of Industry. Economic Relations Division of Ministry of Finance contacted UNDP for financial assistance.

12. Title and date of reports submitted:

To Whom:	Title of Report	Submission (Year/Quarter)	
		Planned	Actual
1. Government Departments	Monthly and quarterly expenditure and progress reports.	First week of all months and 1st month of all quarters.	As per schedule.
2. Reports to Multilateral Fund Secretariat	Data and Implementation report for the year 2007.	1 May, 2008	5 Nov.2008
	Data and Implementation report for the year 2008.	1 May, 2009	25 Feb.2010
3. Reports to Ozone Secretariat	Data on Production, Import and Export for the year 2007 under Article 7	30 Sept, 2008	10 Oct, 2008
	Data on Production, Import and Export for the year 2008 under Article 7	30 Sept, 2009	07 Sept. 2009
4. Implementing Agency (UNDP New York and Dhaka Office)	Quarterly and Annual progress report.	First week of April, July, October and January for quarterly report and First week of January each year.	As per requirement
5. Other Implementing Agency	Progress Report for UNEP as co-implementing agency.	Quarterly & Annual	As and when required
6. Bilateral Donor(s)	-	-	-
7. Others a) Sweden Embassy, Bangladesh.	Status Report regarding Ozone Layer Protection in Bangladesh.	18/11/2008	16/11/2008

13. Were adequate advice and/or technical support received from?

	Yes	No	Please specify
a) Implementing Agency	Yes		UNDP (New York, Regional Office, Bangkok and Dhaka Office)
b) Other Implementing Agency(s)	Yes		UNEP Regional Office, Bangkok; Paris
c) Bilateral Donor(s)		No	
d) Government Departments	Yes		Ministry of Environment and Forests; Ministry of Commerce, Ministry of Industry; National Board of Revenue, Ministry of Law and Parliamentary Affairs; Office of the Chief Controller of Import and Export; Agriculture Extension Department;

  
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e) National Steering Committee	Yes		Bangladesh Refrigeration & Air-conditioning Marcent Association; The Federation of Bangladesh Chamber of Commerce & Industries (FBCCI); Bangladesh Cold Storage Association. Bangladesh Association of Pharmaceutical Industries;
f) Others (please specify)		No	

14. Support received from Regional Network (Network Coordinator/Manager and Network members) and input provided to the Network:

Support Received from Regional Network	Input Provided to Network
1. Participation in the Network meeting	1. Data on Production, Import and Export for the year 2007 & 2008.
2. Exchange views and ideas through discussion	2. Information regarding Ozone Layer Protection activities in Bangladesh and also alternatives to ODS.
3. Information regarding Ozone Layer Depletion and action taken to meet it through Ozonews.	3. Plan and programme undertaken for the implementation of Montreal Protocol.
4. To maintain compliance status.	4. Required information regarding implementation of the projects and sector wise consumption.

15. Was the NOU subject to an audit by the beneficiary Government or by the Implementing Agency? If yes, what were the results?

GOB audit held in March 2010. Observation settled.

16. Lessons learnt (what were the main successes and difficulties and what can be learnt from them for improving effectiveness and impact during the next phase):

Growing consumption of CFCs in the MDI sector felt government in difficult position to allowing CFCs from 2007 onward. So Government undertook fast-track implementation procedure for MDI conversion project. As a result, 6 (Six) CFC based MDIs converted into HFA. The general masses of the people became significantly aware of the consequences of ozone layer depletion. This awareness is being reflected in increased tendency of the buyers of air conditioners, refrigerators, insecticides etc., towards ODS free products. From market survey, it was observed that no CFC based refrigerator, freezer and imported during the project period.

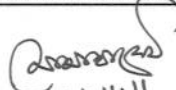
Technician training under the NPP has been well received and since training started, demand for training has been expressed. Refreshers training may be helped to keep them updated.

Awareness activity requires for successful implementation of Recovery & Recycling programme. Expert opined necessity of incentives for recovery.

Recovery, Reclaiming and Destruction activity is required for the ship breaking industry.

Halons and Methyl bromide were not imported and consumed 1995. It was confirmed during data update survey.

Methyl bromide was not used in the QPS. One of the Jute good producing company developed indigenous heat treatment procedure for quarantine of wooden pellets during export of jute goods find popularity among other exporters helped to maintain no use of Methyl bromide.

  
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17. Terminal Report prepared by:

Name of Officer responsible for preparing the Terminal Report:	<b>Dr. Satyendra Kumar Purkayastha</b>
Title:	Senior Officer, Ozone Cell
Organisation/Agency/Ministry:	Department of Environment, Ministry of Environment and Forest
Date:	05 May 2010

18. Government Authority with oversight responsibility for the IS Project/NOU:

Name of Officer responsible:	<b>Md. Shahjahan</b>
Title:	Director (Environmental Management) & National Project Director All ODS projects
Organization/Agency/Ministry:	Department of Environment Ministry of Environment and Forest
Date:	05 May 2010
<p>Comments: The project 'Institutional Strengthening for the Phase-out of Ozone Depleting Substances (Phase-V) became operational since July 2008 and expected to be completed in June 2010. To prepare and monitor other ODS related projects, yearly data update survey, granting permit in transition period, preparation and implementation of HPMP, Observance of International Ozone Day and to coordinate all other related activities pertaining to the implementation of the Montreal Protocol, renewal of the Institutional strengthening project is urgent.</p> <p>In light of the above you are requested to approve foud to the tune of US\$ 130,000 for the Extension of the period of 2(Two) years of the Institutional Strengthening project.</p>	

19. Implementing Agency:

Name of Officer responsible:	Mr. NandanChirmulay
Title:	Senior Technical Advisor and Regional Coordinator - Asia & Pacific
Organization/Agency/Ministry:	United nations Development Programme (UNDP)
Date:	05 May 2010
<p>Comments:</p> <p>National Ozone Unit (NOU) of Bangladesh is successfully implementing activities under Montreal Protocol with special focus on CFC phase-out in RAC applications and CFC MDI phase-out. NOU coordinates closely with Government and Industry on project implementation matters. NOU has worked closely with CFC MDI manufacturing industry over the last two years to ensure expeditious implementation of CFC MDI phase-out project. They are now started preparation of HPMP for the phase-out of HCFCs.</p>	

  
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## Annex 2 :Extension of Institutional Strengthening Projects Plan of Action

(Sections 1-16 to be completed by the country concerned prior to sending it to the implementing agency for comments in Section 17)

1. Country: Bangladesh
2. National Implementing Agency /National Ozone Unit: Department of Environment, Ministry of Environment and Forests.
3. Implementing Agency: UNDP
4. Period of Extension: From July 2011 (month/year) to June 2013 (month/year)  
(Based on the approved guidelines)
5. Amount of MLF funding requested: US\$ 130,000
6. Status of ratification:

Amendment	Ratification Date	or projected date
London Amendment	18.03.1994 (R)*	
Copenhagen Amendment	27.11.2000(At)*	
Montreal Amendment	27.07.2001 (At)*	
Beijing Amendment	24.08.2010 (Ac)*	

\* R- Ratified, At-Accepted, Ac-Accessed.

7. Consumption by group of substances and by sector. This is identical to the annual report the Ozone Units submit to the Fund Secretariat on the progress of implementation of Country Programmes. Please attach form with data for the most recent year or indicate when you sent it to the Secretariat if this has been done already.

### Import and Sector wise Consumption for the year 2010 (in Metric Tons)

Substance	Foam	Fire Fighting	Refrigeration		MDI	TOTAL	Import
			Manfg.	Servicing			
CFC-11	0.00	0.00	0.00	0.00	12.20	12.20	13.50
CFC-12	0.00	0.00	0.00	0.00	32.440	32.44	34.48
HCFC-22	0.00	0.00	406.60	396.30	0.00	802.90	802.84
HCFC-141b	196.00	0.00	0.00	0.00	0.00	196.00	196.00
HCFC-142b	0.00	0.00	0.00	176.07	0.00	176.07	176.07
HCFC-123	0.00	1.00	5.00	6.60	0.00	12.60	12.65
HCFC-124	0.00	0.00	0.00	5.80	0.00	5.80	5.79
<b>TOTAL</b>	196.00	1.00	411.60	584.77	44.64	1238.01	1241.33

\* Data reported to MLF on 20 September 2011.

8. Indicate the main project objective for the next phase in relation to the country's compliance with the provisions of the Montreal Protocol:

The main objective of the Extension of the Institutional Strengthening project is to follow up the activities of the Ozone Cell (NOU) as constituted within the Department of Environment to function as the focal point for co-ordination of all activities related to the implementation of the phase-out actions plans specified in the Country Programme.

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9. Objectives, planned activities per year and expected results:

Year	Objectives	Planned Activities	Results expected
From July/11- December/11	Work Plan for the year 2011	Formulation and finalisation of detailed work programme for year 2011 of the project.	Annual Work programme (AWP) 2011 formulated and finalised.
	Imposition of control on ODS import	Review of current Policy of ODS import	ODS import policy reviewed.
	Permit Issue	Issue of ODS import permit – only relating to CFCs for MDIs as approved through EUN and HCFCs	Import permit issued for 2011
	Assist implementation of Transition Strategy and Conversion project in the MDI sector.	Assist organize TA Seminar for Market Promotion of HFA MDIs.  Preparation of Rules & Regulation for health sector to phase-out CFCs in the Pharmaceutical Sector.  Assist implementation of Conversion Project for MDI sector.	ODS phase-out in MDI sector
	EUN for 2012	Preparation and submission of EUN 2012.	Facilitate MDI production in the Transition period as per approved guide line of MP.
	Co-ordination and monitoring other ODS projects	Co-ordination and monitoring for the Implementation of the following components under National ODS Phase-out Plan :  1) Recovery & Recycling of Refrigerants 2) Retrofit of Domestic Refrigerators	Reduce unwanted emission of ODS. Remaining activities under NOPP completed.
	HPMP Preparation	1) Conduct Survey 2) Organization of Stakeholders Meeting. 3) Preparation of draft HPMP including projects 4) Organization of Consultative workshops for finalization of HPMP. 5) Submission to the Montreal Protocol Multilateral Fund for approval.	HPMP ready for the phase-out of HCFCs
	Update of Inventory on Ozone Depleting Substances Imported and Consumed in Bangladesh for the year 2010	Conducting data update survey for the year 2010	Inventory on ODS imported and consumed for the year 2010 updated.
	Reporting to the relevant agencies	Reporting of ODS data for the year 2010 to the Ozone Secretariat, Fund Secretariat, Implementing Agencies and to other relevant offices/Agencies.	Reporting of data accomplished
	Seminar/ Workshop / Stakeholder Meeting	Organize seminar / Workshop / Stakeholder Meeting on Ozone Layer Depletion, its consequences, Alternative technologies, Implementation of projects, policies etc.	Industry, technical persons, teachers, stakeholders and relevant personnel will be updated on the subject. Ozone cell be benefited from the appropriate advice.
	Observance of International Ozone Day 2011	Organize inter-ministerial meeting for formulation and finalisation of programme of the Day. Day will be observed as per decision of the meeting	International Ozone Day 2011 observed
	Awareness Campaign	- Publication of Posters, stickers, Brochures etc and disseminated. - Country wide Awareness campaign during International Ozone Day, 2011 - Organize nation wide essay competition on the eve of International Ozone Day	Raise awareness.

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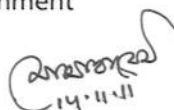
Year	Objectives	Planned Activities	Results expected
		<ul style="list-style-type: none"> <li>- Organize nation wise children painting competition on the eve of International Ozone Day.</li> <li>- Special programme on Radio and Television</li> </ul>	
Jan-Dec. /2012	Work Plan for 2012	Formulation and finalisation of detailed work programme for year 2012 of the project.	Annual Work programme (AWP) for 2012 formulated and finalised.
	Imposition of control on ODS import	Review of current Policy of ODS import for the year 2012.	ODS import policy reviewed.
	Permit Issue	Issue of ODS import permit – only relating to CFCs for MDIs as approved through EUN and HCFCs	Import permit issued.
	Assist implementation of Transition Strategy and Conversion project in the MDI sector.	<p>Assist organize TA Seminar for Market Promotion of HFA MDIs.</p> <p>Enactment of Rules &amp; Regulation for health sector to phase-out CFCs in the Pharmaceutical Sector.</p> <p>Assist implementation of Conversion Project for MDI sector (to be completed by second / third quarter of the year 2012)</p>	ODS phase-out in Pharmaceutical Industries.
	Essential Use Nomination (EUN) 2013	Preparation and submission of EUN for 2013.	Facilitate MDI production during transition period as per approved guide lines of MP.
	Assist HPMP Implementation (if approve)	<ol style="list-style-type: none"> <li>1) Prodoc Signing</li> <li>2) TPP Preparation for Internal Approval of Govt. planning process.</li> <li>3) Assist implementation of the projects approved under HPMP.</li> </ol>	Achieved 2015 reduction target of HCFCs under Montreal Protocol.
	Update of Inventory on Ozone Depleting Substances Imported and Consumed in Bangladesh for the year 2011	Conducting data update survey for the year 2011	Inventory on ODS imported and consumed for the year 2011 updated.
	Reporting to the relevant agencies	Reporting of ODS data for the year 2011 to the Ozone Secretariat, Fund Secretariat, Implementing Agencies and to other relevant offices/Agencies.	Reporting of data accomplished
	Training of Policy Makers	Conduct in-service training for policy makers (high Govt. officials), Journalist, NGOs and associations of ODS users	Decision makers are being trained and updated on Montreal Protocol matters.
	Seminar/ Workshop / Stakeholder Meeting	Organize seminar / workshop / Stakeholder Meeting on Ozone Layer Depletion, ifs consequences, Alternative technologies, Implementation of projects, policies etc.	Industry, technical persons, teachers, stakeholders and relevant personnel will be updated on the subject and ozone cell be benefited from the appropriate advice.
	Observance of International Ozone Day 2012	Organize inter-ministerial meeting for formulation and finalisation of programme of the Day. Day will be observed as per decision of the meeting	International Ozone Day 2012 observed
	Awareness Campaign	<ul style="list-style-type: none"> <li>- Publication of Posters, stickers, Brochures etc and desiminated.</li> <li>- Country wide Awareness campaign during International Ozone Day, 2011</li> <li>- Organisation of essay competition on the eve of International Ozone Day</li> </ul>	Raise awareness.

Year	Objectives	Planned Activities	Results expected
		<ul style="list-style-type: none"> <li>- Organisation of Children painting competition on the eve of International Ozone Day.</li> <li>- Organise fair for ODS-free appliances – focusing on HCFC free ozone friendly and low GWP alternatives</li> <li>- Special programme on Radio and Television</li> </ul>	
Jan-Jun. /2013	Work Plan for 2013	Formulation and finalisation of detailed work programme for year 2013 of the project.	Annual Work programme (AWP) for 2013 formulated and finalised.
	Imposition of control on ODS import	Review of current Policy of ODS import for the year 2013.	ODS import policy reviewed.
	Permit Issue	Issue of ODS import permit – only relating to CFCs for MDIs as approved through EUN and HCFCs.	Import permit issued.
	Assist implementation of HCFC Phase-out Plan (if approve) and Conversion project in the MDI sector.	<p>Assist organize technician training, customs training and awareness raising activities under HPMP.</p> <p>Assist implementation of Conversion Project for MDI sector.</p>	CFC phase-out in Pharmaceutical Industries. HCFC Phase-out in refrigeration, air-conditioning sector and foam sector.
	Update of Inventory on Ozone Depleting Substances Imported and Consumed in Bangladesh for the year 2012	Conducting data update survey for the year 2012	Inventory on ODS imported and consumed for the year 2012 updated.
	Reporting to the relevant agencies	Reporting of ODS data for the year 2012 to the Ozone Secretariat, Fund Secretariat, Implementing Agencies and to other relevant offices/Agencies.	Reporting of data accomplished
	Seminar/ Workshop / Stakeholder Meeting	Organize seminar / workshop / Stakeholder Meeting on Ozone Layer Depletion, Measures to be taken to protect it, Alternative technologies, Implementation of projects, policies etc.	Industry, technical persons, teachers, stakeholders and relevant personnel will be updated on the subject and ozone cell be benefited from the appropriate advice.
	Institutional Strengthening Phase-VII	Preparation of Completion Report for INS Phase-VI and Extension proposal for INS Phase-VII.	Reporting of INS Phase-VI accomplished. Extension of INS Phase-VII proposed.

10. Describe modalities how regular access of the National Ozone Unit to senior decision-makers will be assured. Such modalities may include steering committees, advisory groups or inter-ministerial bodies:

For implementation of the Montreal Protocol in Bangladesh, Ozone Cell (National Ozone Unit) was constituted within the Department of Environment in October 1995. Director General of the Department of Environment is the chairman of the Ozone Cell. To supervise the activity of the Ozone Cell (National Ozone Unit) National Technical Committee on Ozone Depleting Substances (NTCODS) constituted under the Chairmanship of the Secretary of the Ministry of Environment and Forest. The composition of NTCODS helps the Ozone Cell in its access to senior decision-makers of the government and also the trade associations. The Compositions of NTCODS is as under:

- |  |          |
|--|----------|
| 1. Secretary, Ministry of Environment and Forest             | Chairman |
| 2. Joint Secretary (Dev.) Ministry of Environment and Forest | Member   |
| 3. Director General, Department of Environment               | Member   |

  
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4. Representative, Ministry of Industry	Member
5. Representative, Ministry of Commerce	Member
6. Representative, Ministry of Home	Member
7. Representative, Ministry of Agriculture	Member
8. Representative, Ministry of Fisheries and Livestock	Member
9. Representative, National Board of Revenue (NBR)	Member
10. Representative, Fire Service & Civil Defence	Member
11. Representative, Bangladesh Federation of Chambers of Commerce and Industry (FBCCI)	Member
12. Representative, Bangladesh Cold Storage Association	Member
13. Representative, National Refrigeration and Air-conditioning BanikSamity	Member
14. Representative, Bangladesh Institute of Law and International Affairs (BILIA), Dhaka	Member
15. Project Director, "Institutional Strengthening for the Phase-out of ODS" Project	Member
16. Representative, Bangladesh Association of Pharmaceutical Industries.	Member
17. Deputy Secretary, Ministry of Environment and Forest	Member Secretary

The above composition speaks of the inter-ministerial and advisory nature of NTCODS. Besides it also acts as the advisory body.

11. Describe how the action plan for the IS project will be integrated in the national authorities' planning process:

Extension of Institutional Strengthening project will be initiated by the Ozone Cell of the Department of Environment. Departmental Special Project Evaluation Committee (DSPEC) of the Ministry of Environment and Forest will approve the project. The committee includes Ministry of Environment and Forest, Ministry of Planning, National Board of Revenue, Economic Relations Division of the Ministry of Finance, Department of Implementation, Monitoring and Evaluation (IMED), Ministry of Commerce, Ministry of Industry, National Board of Revenue.

12. **Planned Project Cost:**

BL	Description	Total
72200	Equipment (list to be provided by the implementing partner)	5,000
71400	Support Staff	21,400
71300	Professional Staff	
	a) Senior Officer	35,700
	b) Research Officer	15,600
71600	Duty Travel (Local)	2,000
71600	Travel (International)	10,000
63400	Funds for Public Awareness	4,000
72200	Supplies	4,300
73400	Operational Cost Including Rental Vehicle	5,000
63400	Seminar / Workshop / Training / Stakeholder Meeting	8,000
72100	Survey	4,000
63400	International Ozone Day	5,000
74500	Miscellaneous Expenses (Communications, Telephone Bill, Courier Bill, Web Side Development for Ozone Cell)	6,000
74200	Printing Publication Etc.	4,000
	<b>Total=</b>	<b>130,000</b>

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13. Personnel required:

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
Professional Staff			
Professional Staff (2)	Senior Officer (1)	<ul style="list-style-type: none"> <li>- Co-ordinate and facilitate activities related to ODS phase-out;</li> <li>- Monitor activities related to ODS use in Bangladesh;</li> <li>- Conduct surveys and prepare report on the import and consumption of controlled substances required by Article 7 of the Montreal Protocol;</li> <li>- Facilitate exchange in information on ODS phase-out activities, technologies, alternatives, technical reports, etc;</li> <li>- Disseminate and create awareness about ODS phase-out;</li> <li>- Organise seminar/workshops / trainings etc;</li> <li>- Report to the Ozone secretariat, fund secretariat, implementing agencies and Network offices.</li> <li>- Preparation EUN and reporting.</li> <li>- Assist preparation of HPMP.</li> <li>- Assist Director General of the Department of Environment to grant import permit</li> <li>- Assist National Project Director of the IS project as and when required.</li> </ul>	July 2011-June 2013
	Research Officer (1)	<ul style="list-style-type: none"> <li>- Maintain files and records of the Ozone cell.</li> <li>- Conduct country-wide survey on import and use;</li> <li>- Assist senior officer in preparation of various reports;</li> <li>- Maintain liaison with relevant agencies, ODS importer and users;</li> <li>- Co-ordinate and Monitor other ODS projects;</li> <li>- Collect and collate recent publications and journals on ODS;</li> <li>- Facilitate necessary correspondences with relevant agencies and Montreal Protocol Secretariat;</li> <li>- Maintain all other activities related to ODS phase-out in the Country.</li> <li>- Assist National Project Director as and when required.</li> </ul>	July 2011-June 2013
Support Staff (3)	Accountant (1)	<ul style="list-style-type: none"> <li>- Maintain overall project accounts books of accounts, budgeting, budget tracking, financial operations and reporting</li> <li>- Assist project director as and when required.</li> </ul>	July 2011-June 2013
	Computer Operator (1)	<ul style="list-style-type: none"> <li>- Storage of Data, documentation and word processing</li> <li>- Data management</li> </ul>	July 2011-June 2013
	MLSS (1)	<ul style="list-style-type: none"> <li>- Maintain files and documents;</li> <li>- Distribution of letters and documents;</li> <li>- Any other works assigned by project personals and Project Director.</li> </ul>	July 2011-June 2013
Consultants	-	-	-

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Note: To keep institutional memory sustained and to ensure contribution of the previous activities all project personnel & staff, logistic support, library, accumulated database as created under Phase-V will be transferred from Phase-VI to the extended period of the Institutional Strengthening Project (Phase-VI) per GOB rule or standard practice.

14. Title and schedule of reports to be submitted:

To Whom:	Title of Report	Planned Submission (Year/Quarter)
1. Government Departments	Monthly and Quarterly expenditure and Progress reports. Status of the project	1 <sup>st</sup> week of every month & 1 <sup>st</sup> month of each quarter; 2 <sup>nd</sup> & 4 <sup>th</sup> quarter of each year.
2. Reports to Multilateral Fund Secretariat	Report on the progress of country programme Implemented under MP.	By Sept/2011 and Sept/2012
3. Reports to Ozone Secretariat	ODS data reporting under article 7 of the Montreal Protocol	By Sept/2011 and Sept/2012
4. Implementing Agency	Report on the progress of country programme for the Phase-out of ODS. Data on import and consumption Status Report of the IS project.	Sept/2011 and Sept/2012 Sept/2011 and Sept/2012 As and when required
5. Other Implementing Agency	As per request	As and when required
6. Bilateral Donor(s)	As per request	As and when required
7. Others i) Network offices	All copies of reports submitted to the M.P. Secretariat and MLF Secretariat	As and when required

15. Action Plan prepared by:

Name of Officer responsible for preparing the Action Plan:	<b>Dr. Satyendra Kumar Purkayastha</b>
Title:	Senior Officer, Ozone Cell
Organization/Agency/Ministry:	Department of Environment Ministry of Environment of Forests.
Date:	05/05/2010

16. Government endorsement:

Action Plan authorized by:	<b>Md. Shahjahan</b>
Title:	Director (Environmental Management) & National Project Director All ODS projects
Supervising Organization/Agency/Ministry:	Department of Environment Ministry of Environment and Forests Government of the People's Republic of Bangladesh
Date:	05.05.2010

17. Submission of Action Plan:

Name of Implementing Agency:	United Nations Development Programme (UNDP)
Name and signature of Project Officer:	Mr. Nandan Chirmulay
Date:	08.05.2010
Comments of Implementing Agency: Country has successfully achieved 2009 target and is expected to have zero consumption of most ODSs except HCFCs by 1 January 2010. Implementation of CFC MDI phase-out project and pending activities under NPP are underway and are expected to be completed in this phase. IS activities under this phase are required to sustain phase-out of CFCs, Halons, CTC, MCF and Methyl bromide and facilitate phase-out of consumption of HCFCs, which is estimated to be about 1000.00 MT in 2009, in line with targets specified in Decision XIX/6.	

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## Appendix A - Risk Log

Name of Project : Renewal of the Institutional Strengthening for the Phase-out of ODS (Phase-VI).

Risk No.	Risk Description	Impact	Probability	Degree of Impact	Mitigation	Notes
1. Administrative	Involvement of various Ministries and Departments during approval of the project.	It may cause delay in commencement of the project.	M	M	The timeframe of the implementation will be adjusted considering involvement of various Ministries and Departments in approval process.	
2. Operational	Timely appointment Project Director, project personnel and approval of AWP.	It may cause delay in starting follow-up activities of the Phase-V of the project resulting in non-compliance under Montreal Protocol.	M	H	Continuity in keeping the same Project Director and project personnel of Phase V will be helpful in sustaining institutional memory and to accelerate the process	
	Delay in implementation of time bound activities, viz, data collection, data reporting, quota allotment of ODS (licensing), procurement and other protocol related activities.	Non-compliance under Montreal Protocol.	M	M	Timely monitoring is required for implementation of various activities.	
3. Environmental	Natural disasters like flood, cyclone	Sudden cancellation of programme/activities	M	L	Alternatives will be identified and approved by concerned authority.	

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