

Table H1 Proposed Disbursement Schedule :DC-1 (Contd.)

Phase	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
G.Dhaka East																					
1.DC-1																					
A.Project Preparation																					
1) Administration																					104
2) Engineering																					398
3) Compensation																					34
4) Land Acquisition																					531
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,067
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1) Embankment																					2,340
2) Flood Wall																					22
3) Sluice Gate																					165
4) Related Struc.Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,527
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1) Pump Sta.																					634
2) Khal Improve.																					
3) Bridge.Etc																					
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	931
(F/C)																					
(L/C)																					
D.Physical Contingency																					518
Sub-Total : (x10 <sup>6</sup> TK)																					
(F/C)																					
(L/C)																					
E.Operation& Maintenance																					
1) O & M Work	36	36	36	36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	808
2) Replacement Cost																					389
Sub-Total : (x10 <sup>6</sup> TK)	36	36	36	36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	1,197
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)																					572
G.Total : (x10 <sup>6</sup> TK)	0	0	3	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,614
(F/C)																					
(L/C)																					

Note: \*.Not Included in Total Cost



Table H 1-D : Proposed Disbursement Schedule(F/C) :DC-1

Phase Project Area	F/C	Total Cost F/C & L/C	F/C L/C % %	Unit: Million TK												Remarks									
				'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03		'04	'05	'06	'07	'08	'09	'10		
G.Dhaka East																									
1.DC-1																									
A.Project Preparation																									
1).Administration	0	104																							
2).Engineering	0.673	398																							
3).Compensation	0	34																							
4).Land Aquisition	0	531																							
Sub-Total : (x10^6 TK)		1,067																							
(F/C)		268																							
(L/C)		799																							
B.Flood Mitigation																									
1).Embankment	0.659	2,340																							
2).Flood Wall	0.682	22																							
3).Shiice Gate	0.727	165																							
4).Related Struc.Etc	0	0																							
Sub-Total : (x10^6 TK)		2,527																							
(F/C)		1,675																							
(L/C)		852																							
C.Storm Water Drainage																									
1).Pump Sta.	0.809	634																							
2).Khal Improve.	0.486	280																							
3).Bridge.Etc	0.7	17																							
Sub-Total : (x10^6 TK)		932																							
(F/C)		657																							
(L/C)		275																							
D.Physical Contingency	0.673	518																							
Sub-Total : (x10^6 TK)		349																							
(F/C)		349																							
(L/C)		169																							
E.Operation&Maintenance*																									
1).O & M Work		808																							
2).Replacement Cost		389																							
Sub-Total : (x10^6 TK)																									
(F/C)																									
(L/C)																									
F.CDST & Tax (L/C)	0	572																							
G.Total : (x10^6 TK)		5,616																							
(F/C)		2,949																							
(L/C)		2,667																							

Note: \*Not Included in Total Cost

F/C : Foreign Currency  
L/C : Total - F/C



Table H.2 Proposed Disbursement Schedule :DC-2

Phase	Total Cost		F/C L/C		92	93	94	95	96	97	98	99	2,000	'01	'02	'03	'04	'05
	F/C & L/C	%	F/C	L/C														
<b>Project Area</b>																		
<b>G.Dhaka East</b>																		
<b>1.DC-2</b>																		
<b>A.Project Preparation</b>																		
1).Administration	72															11	11	11
2).Engineering	273															137	138	
3).Compensation	22															11	11	
4).Land Acquisition	250															125	125	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>619</b>															<b>284</b>	<b>285</b>	<b>11</b>
(F/C)	196																	
(L/C)	423																	
<b>B.Flood Mitigation</b>																		
1).Embankment	905																	452
2).Flood Wall	24																	12
3).Sluice Gate	92																	46
4).Related.Struc.Etc	0																	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,021</b>																	<b>510</b>
(F/C)	658																	
(L/C)	363																	
<b>C.Storm Water Drainage</b>																		
1).Pump Sta.	1,163																	
2).Khal Improve.	208																	
3).Bridge.Etc	0																	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,371</b>																	<b>89</b>
(F/C)	1,047																	
(L/C)	324																	
<b>D.Physical Contingency</b>																		
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>358</b>																	
(F/C)	256																	
(L/C)	102																	
<b>E.Operation&amp;Maintenance*</b>																		
1).O & M Work	528																	
2).Replacement Cost	732																	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,260</b>																	
(F/C)	732																	
(L/C)	528																	
<b>F.CDST &amp; Tax (L/C)</b>	<b>706</b>																	<b>135</b>
<b>G. Total : (x10<sup>6</sup> TK)</b>	<b>4,074</b>																	<b>745</b>
(F/C)	2,157																	
(L/C)	1,919																	

Note: \*:Not Included in Total Cost



Table H.2 Proposed Implementation Schedule :DC-2 (Contd.)

Phase Project Area	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
G.Dhaka East																					
1.DC-2																					
A.Project Preparation																					
1) Administration	11	11	11	6																	72
2) Engineering																					275
3) Compensation																					22
4) Land Acquisition																					250
Sub-Total : (x10 <sup>6</sup> TK)	11	11	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	619
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1) Embankment	453																				905
2) Flood Wall	12																				24
3) Sluice Gate	46																				92
4) Related Struct.Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	511	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,021
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1) Pump Sta.	326	326	327		184																1,163
2) Khal Improve.	69	69	70																		208
3) Bridge,Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	395	395	397	0	184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,371
(F/C)																					
(L/C)																					
D.Physical Contingency	89	89	91																		358
Sub-Total : (x10 <sup>6</sup> TK)																					
(F/C)																					
(L/C)																					
E.Operation&Maintenance																					
1) O & M Work	13	13	15	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	528
2) Replacement Cost																					732
Sub-Total : (x10 <sup>6</sup> TK)	13	13	15	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1,260
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)	135	135	135	166																	706
G. Total : (x10 <sup>6</sup> TK)	1,141	630	634	6	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,075
(F/C)																					
(L/C)																					

Note: \*:Not Included in Total Cost





Table H 2 - D Proposed Disbursement Schedule (F/C) :DC-2

Phase	Total Cost		F/C L/C												Remarks									
	F/C	L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02		'03	'04	'05	'06	'07	'08	'09	'10	
Project Area																								
G.Dhaka East																								
1.DC-2																								
A.Project Preparation																								
1) Administration	0	72																						
2) Engineering	0.713	275													98	98							196	
3) Compensation	0	22													0	0							0	
4) Land Acquisition	0	250													0	0							0	
Sub-Total : (x10^6 TK)		619													98	98							196	
(F/C)		196																						
(L/C)		423																						
B.Flood Mitigation																								
1) Embankment	0.636	903														287	288						576	
2) Flood Wall	0.667	24													8	8							16	
3) Sluice Gate	0.717	92													33	33							66	
4) Related Struct.Etc	0	0																					0	
Sub-Total : (x10^6 TK)		1,021													328	329							658	
(F/C)		658																						
(L/C)		363																						
C.Storm Water Drainage																								
1) Pump Sta.	0.813	1,163																265	266				150	946
2) Canal Improve.	0.486	208													34	34							101	
3) Bridge Etc	0	0																					0	
Sub-Total : (x10^6 TK)		1,371													299	299							1,047	
(F/C)		1,047																						
(L/C)		324																						
D.Physical Contingency	0.715																	64	64				256	
Sub-Total : (x10^6 TK)		358																						
(F/C)		256																						
(L/C)		102																						
E.Operation&Maintenance																								
1) O & M Work		528																13	15				78	
2) Replacement Cost		732																					0	
Sub-Total : (x10^6 TK)																		13	15				78	
(F/C)																								
(L/C)																								
F.CDST & Tax (L/C)	0	706																0	0				0	
G.Total : (x10^6 TK)		4,074													98	98		392	691	362	365	0	150	2,156
(F/C)		2,157																						
(L/C)		1,919																						

Note: \*Not Included in Total Cost



Table H 3 Proposed Disbursement Schedule :DC-3

Phase	Total Cost																
	F/C	L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
<b>Project Area</b>																	
<b>G.Dhaka East</b>																	
<b>1.DC-3</b>																	
<b>A.Project Preparation</b>																	
1).Administration	70													10	10	10	10
2).Engineering	268													134	134		
3).Compensation	14													7	7		
4).Land Aquisition	224													112	112		
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>575</b>													<b>263</b>	<b>263</b>	<b>10</b>	<b>10</b>
(F/C)	192																
(L/C)	383																
<b>B.Flood Mitigation</b>																	
1).Embankment	930															465	465
2).Flood Wall	16															8	8
3).Sluice Gate	80														40	40	40
4).Related Struc.Etc	0																
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,025</b>															<b>513</b>	<b>513</b>
(F/C)	664																
(L/C)	361																
<b>C.Storm Water Drainage</b>																	
1).Pump Sta.	1,133																316
2).Khal Improve.	170																55
3).Bridge,Etc	0																
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,303</b>																<b>372</b>
(F/C)	1,003																
(L/C)	300																
<b>D.Physical Contingency</b>																	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>348</b>															<b>87</b>	<b>87</b>
(F/C)	250																
(L/C)	98																
<b>E.Operation&amp;Maintenance*</b>																	
1).O & M Work																	
2).Replacement Cost	727																
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>727</b>																
(F/C)																	
(L/C)																	
<b>FCDST &amp; Tax (L/C)</b>	<b>709</b>															<b>136</b>	<b>136</b>
<b>G. Total : (x10<sup>6</sup> TK)</b>	<b>3,961</b>													<b>0</b>	<b>263</b>	<b>263</b>	<b>1,118</b>
(F/C)	2,109																
(L/C)	1,852																

Note: \*Not Included in Total Cost



Table H 3 Proposed Disbursement Schedule :DC-3 (Contd.)

Phase Project Area	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
G.Dhaka East																					
I.DC-3																					
A.Project Preparation																					
1).Administration				6																	70
2).Engineering																					268
3).Compensation																					14
4).Land Acquisition																					224
Sub-Total : (x10 <sup>6</sup> TK)				6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	576
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1).Embankment																					930
2).Flood Wall																					16
3).Sluice Gate																					80
4).Related Struct.Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1026
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1).Pump Sta.				316	318		183														1133
2).Khal Improve.				56	58																170
3).Bridge.Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)				372	376	0	183	0	0	0	0	0	0	0	0	0	0	0	0	0	1303
(F/C)																					
(L/C)																					
D.Physical Contingency				87	87																348
Sub-Total : (x10 <sup>6</sup> TK)				87	87																
(F/C)																					
(L/C)																					
E.Operation & Maintenance																					
1).O & M Work				13	13	25	25	29	29	29	29	29	29	29	29	29	29	29	29	29	540
2).Replacement Cost																					727
Sub-Total : (x10 <sup>6</sup> TK)				13	13	25	25	29	29	29	29	29	29	29	29	29	29	29	29	29	1267
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)				136	136		165														709
G. Total : (x10 <sup>6</sup> TK)				607	611	6	348	0	0	0	0	0	0	0	0	0	0	0	0	0	3962
(F/C)																					
(L/C)																					

Note: \*;Not Included in Total Cost



Table H D-3 Proposed Disbursement Schedule (F/C) :DC-3

Phase	Project Area	Total Cost	F/C		Year													Remarks							
			F/C	L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03		'04	'05	'06	'07	'08	'09	'10
	G.Dhaka East																								
	1.DC-3																								
	A.Project Preparation																								
	1) Administration	0	70																						
	2) Engineering	0.716	268																						
	3) Compensation	0	14																						
	4) Land Acquisition	0	224																						
	Sub-Total : (x10 <sup>6</sup> TK)	575																							
	(F/C)	192																							
	(L/C)	383																							
	B.Flood Mitigation																								
	1) Embankment	0.639	930																						
	2) Flood Wall	0.625	16																						
	3) Sluice Gate	0.75	80																						
	4) Related Struc.Etc	0	0																						
	Sub-Total : (x10 <sup>6</sup> TK)	1,025																							
	(F/C)	664																							
	(L/C)	361																							
	C.Storm Water Drainage																								
	1) Pump Sta.	0.818	1,133																						
	2) Khali Improuvs.	0.447	170																						
	3) Bridge Etc	0	0																						
	Sub-Total : (x10 <sup>6</sup> TK)	1,303																							
	(F/C)	1,003																							
	(L/C)	300																							
	D.Physical Contingency	0.718																							
	Sub-Total : (x10 <sup>6</sup> TK)	348																							
	(F/C)	250																							
	(L/C)	98																							
	E.Operation& Maintenance *																								
	1) O & M Work																								
	2) Replacement Cost		727																						
	Sub-Total : (x10 <sup>6</sup> TK)																								
	(F/C)																								
	(L/C)																								
	F.CDST & Tax (L/C)	0	709																						
	G. Total : (x10 <sup>6</sup> TK)	3,961																							
	(F/C)	2,109																							
	(L/C)	1,852																							

Note: \*Not Included in Total Cost





Table H 4 Proposed Disbursement Schedule :DC-4

Phase	Total Cost																
	F/C	L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05
<b>Project Area</b>																	
<b>G.Dhaka East</b>																	
<b>1.DC-4</b>																	
<b>A.Project Preparation</b>																	
1)Administration	82			13	13	13	13	13	13	12	0	0	0	0	0	0	0
2)Engineering	315			157	158	0	0	0	0	0	0	0	0	0	0	0	0
3)Compensation	31			15	16												
4)Land Acquisition	381			190	191												
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>809</b>			<b>375</b>	<b>378</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
(F/C)	213																
(L/C)	596																
<b>B.Flood Mitigation</b>																	
1)Embankment	1,013						337	337	339								
2)Flood Wall	29						9	9	11								
3)Sluice Gate	81						27	27	27								
4)Related Struc.Etc	0																
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,124</b>						<b>373</b>	<b>373</b>	<b>377</b>								
(F/C)	735																
(L/C)	389																
<b>C.Storm Water Drainage</b>																	
1) Pump Sta.	1,121							314	314	314							
2)Khal Improve.	484							161	161	162							
3)Bridge.Etc	9							3	3	3							
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,614</b>							<b>478</b>	<b>478</b>	<b>479</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
(F/C)	1,120																
(L/C)	494																
<b>D.Physical Contingency</b>																	
Sub-Total : (x10 <sup>6</sup> TK)	411						103	103	103	102							
(F/C)	279																
(L/C)	132																
<b>E.Operation&amp;Maintenance *</b>																	
1)O & M Work	843									17	29	29	28	28	28	28	28
2)Replacement Cost	713																
<b>Sub-Total : (x10<sup>6</sup> TK) *</b>	<b>1,556</b>									<b>17</b>	<b>29</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
(F/C)																	
(L/C)																	
<b>F.CDST &amp; Tax (L/C)</b>																	
Sub-Total : (x10 <sup>6</sup> TK)	687						131	131	131	133	0	0	0	0	0	0	0
(F/C)	4,645						0	375	378	620	1,098	1,102	726	0	0	0	0
(L/C)	2,346																
<b>G.Total : (x10<sup>6</sup> TK)</b>																	
(F/C)	2,299																
(L/C)																	

Note: \*Not Included in Total Cost



Table H 4 Proposed Disbursement Schedule :DC-4 (Contd.)

Phase	Unit: Million TK																				Remarks
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	
<b>Project Area</b>																					
<b>G.Dhaka East</b>																					
<b>1.DC-4</b>																					
<b>A.Project Preparation</b>																					
1) Administration	0	5																		82	
2) Engineering																				315	
3) Compensation																				31	
4) Land Acquisition																				381	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>809</b>	
(F/C)																					
(L/C)																					
<b>B.Flood Mitigation</b>																					
1) Embankment																				1,013	
2) Flood Wall																				29	
3) Sluice Gate																				81	
4) Related Struc.Etc																				0	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>																				<b>1,123</b>	
(F/C)																					
(L/C)																					
<b>C.Storm Water Drainage</b>																					
1) Pump Sta.			179																	1,121	
2) Khal Improve.																				484	
3) Bridge.Etc																				9	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>0</b>	<b>0</b>	<b>179</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,614</b>	
(F/C)																					
(L/C)																					
<b>D.Physical Contingency</b>																					
<b>Sub-Total : (x10<sup>6</sup> TK)</b>																				<b>411</b>	
(F/C)																					
(L/C)																					
<b>E.Operation&amp;Maintenance</b>																					
1) O & M Work	28	28	28	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	843	
2) Replacement Cost							534											179		713	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>566</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>1,556</b>	
(F/C)																					
(L/C)																					
<b>F.CDST &amp; Tax (L/C)</b>	<b>0</b>	<b>0</b>	<b>161</b>																	<b>687</b>	
<b>G. Total : (x10<sup>6</sup> TK)</b>	<b>0</b>	<b>5</b>	<b>340</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,644</b>	
(F/C)																					
(L/C)																					

Note: \*;Not Included in Total Cost



Table HD-4 Proposed Disbursement Schedule (F/C):DC-4

Phase	Total Cost	F/C L/C										Remarks											
		%	%	'92	'93	'94	'95	'96	'97	'98	'99		2,000	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10
<b>G.Dhaka East</b>																							
<b>1.DC-4</b>																							
<b>A.Project Preparation</b>																							
1).Administration	0	82																					
2).Engineering	0.676	315																					
3).Compensation	0	31																					
4).Land Acquisition	0	381																					
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		809																					
(F/C)		213																					
(L/C)		596																					
<b>B.Flood Mitigation</b>																							
1).Embankment	0.647	1,013																					
2).Flood Wall	0.655	29																					
3).Sluice Gate	0.753	81																					
4).Related Struc.Etc	0																						
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		1,124																					
(F/C)		735																					
(L/C)		389																					
<b>C.Storm Water Drainage</b>																							
1).Pump Sta	0.815	1,121																					
2).Khal Improve.	0.417	484																					
3).Bridge.Etc	0.444	9																					
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		1,614																					
(F/C)		1,120																					
(L/C)		494																					
<b>D.Physical Contingency</b>	0.679	411																					
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		411																					
(F/C)		279																					
(L/C)		132																					
<b>E.Operation.&amp;Maintenance*</b>																							
1).O & M Work		843																					
2).Replacement Cost		713																					
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		1,556																					
(F/C)																							
(L/C)																							
<b>F.CDST &amp; Tax (L/C)</b>	0	687																					
<b>G.Total : (x10<sup>6</sup> TK)</b>		4,645																					
(F/C)		2,346																					
(L/C)		2,299																					

Note: \*Not Included in Total Cost

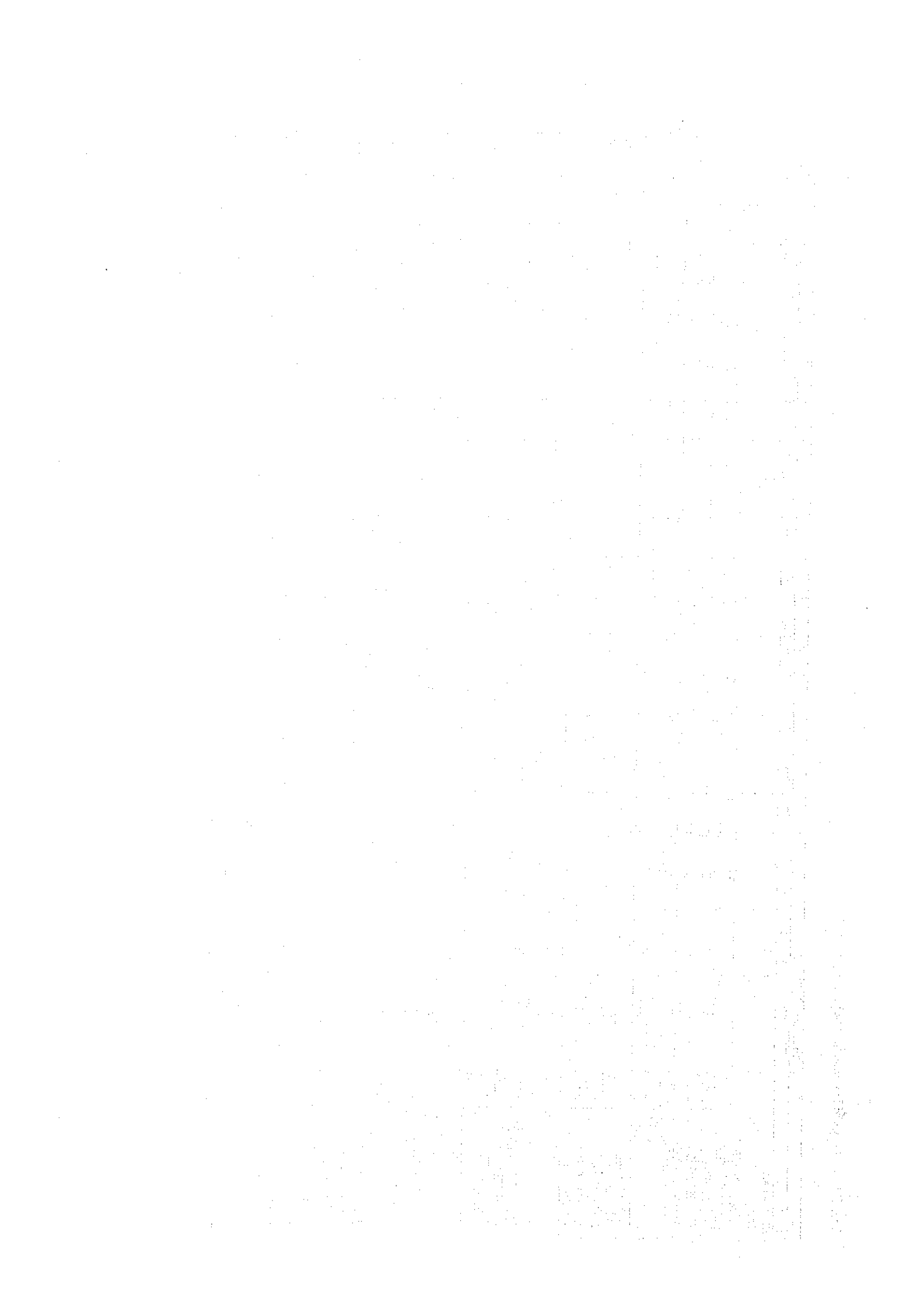


Table H 5 Proposed Disbursement Schedule :DC 1-4

Phase	Total Cost		F/C/L/C													
	F/C & L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
<b>G.Dhaka East</b>																
<b>1.DC 1-4</b>																
<b>A.Project Preparation</b>																
1)Administration	328		13	13	13	13	13	13	29	17	17	17	27	37	21	21
2)Engineering	1,256		157	158	0	0	0	0	199	199	199	134	271	271	138	
3)Compensation	101		15	16					17	17	17	7	18	11		
4)Land Aquisition	1,386		190	191					265	266	266	112	237	125		
Sub-Total : (x10^6 TK)	3,070		375	378	13	13	13	13	510	499	17	17	280	563	295	21
(F/C)	869															
(L/C)	1,933															
<b>B.Flood Mitigation</b>																
1)Embankment	5,188				337	337	339				585	585	585	585	465	917
2)Flood Wall	91				9	9	11				6	6	6	4	8	20
3)Sluice Gate	418										41	41	41	42	40	86
4)Related Struc Etc	0															
Sub-Total : (x10^6 TK)	5,697				373	373	377				632	632	632	631	513	1,023
(F/C)	3,732															
(L/C)	1,965															
<b>C.Storm Water Drainage</b>																
1)Pump Sta.	4,051					314	314	314				181	181	180		316
2)Khal Improve.	1,142					161	161	162				93	93	94		56
3)Bridge Etc	26					3	3	3				6	6	5		
Sub-Total : (x10^6 TK)	5,220					478	478	479		0	0	280	280	279	0	372
(F/C)	3,827															
(L/C)	1,393															
<b>D.Physical Contingency</b>																
Sub-Total : (x10^6 TK)	1,635				103	103	103	102				130	130	128	87	176
(F/C)	1,134															
(L/C)	501															
<b>E.Operation&amp;Maintenance *</b>																
1)O & M Work	2,719								17	29	29	28	28	28	64	64
2)Replacement Cost	2,561															
Sub-Total : (x10^6 TK) *	5,280								17	29	29	28	28	28	64	64
(F/C)																
(L/C)																
<b>F.CDSTI &amp; Tax (L/C)</b>																
G. Total : (x10^6 TK)	2,674				131	131	131	133		0	122	122	122	123	136	271
(F/C)	18,296		0	375	378	620	1,098	1,102	1,224	499	901	1,181	1,444	1,724	1,031	1,863
(L/C)	9,561															
	8,737															

Note: \* :Not Included in Total Cost

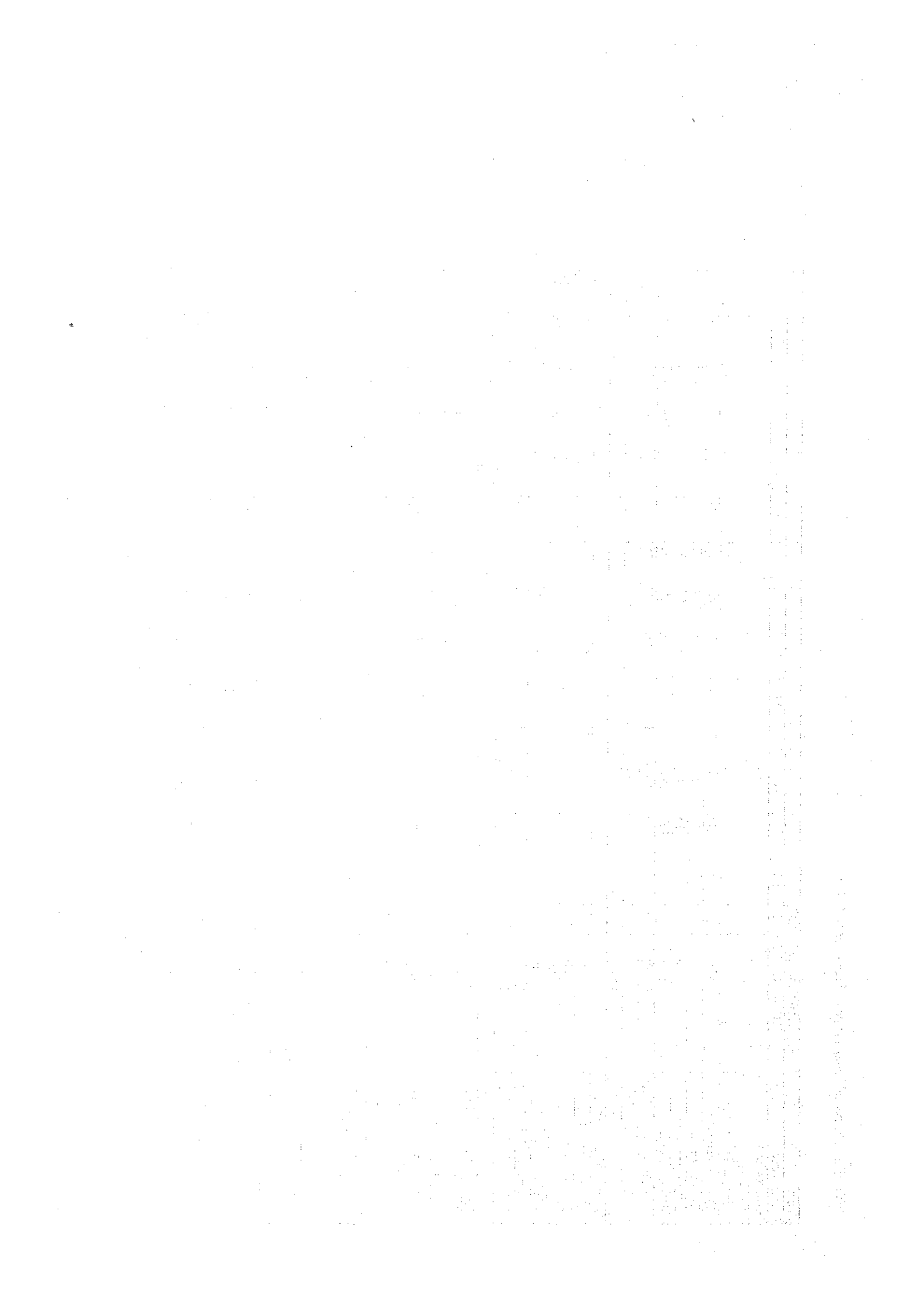




Table H5 Proposed Disbursement Schedule :DC1-4 (Contid.)

Phase	Unit: Million TK												Remarks									
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25	
<b>G.Dhaka East</b>																						
<b>1.DC1-4</b>																						
<b>A.Project Preparation</b>																						
1) Administration	23	28	20	6																	328	
2) Engineering																					1,256	
3) Compensation																					101	
4) Land Aquisition																					1,386	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>23</b>	<b>28</b>	<b>20</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,071</b>	
(F/C)																						
(L/C)																						
<b>B.Flood Mitigation</b>																						
1) Embankment	453																				5,188	
2) Flood Wall	12																				91	
3) Sluice Gate	46																				418	
4) Related Struc.Etc																					0	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>511</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,697</b>	
(F/C)																						
(L/C)																						
<b>C.Storm Water Drainage</b>																						
1) Pump Sta.	642	644	689	92	184																4,051	
2) Khal Improve.	125	127	70																		1,142	
3) Bridge,Etc																					26	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>767</b>	<b>771</b>	<b>759</b>	<b>92</b>	<b>184</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,219</b>	
(F/C)																						
(L/C)																						
<b>D.Physical Contingency</b>																						
Sub-Total : (x10 <sup>6</sup> TK)	176	176	91																		1,635	
(F/C)																						
(L/C)																						
<b>E.Operation&amp;Maintenance</b>																						
1) O & M Work	77	90	104	118	123	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	2,719
2) Replacement Cost																						2,561
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>77</b>	<b>90</b>	<b>104</b>	<b>118</b>	<b>123</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>5,280</b>
(F/C)																						
(L/C)																						
<b>F.CDST &amp; Tax (L/C)</b>																						
G. Total : (x10 <sup>6</sup> TK)	1,748	1,246	1,166	346	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,296
(F/C)																						
(L/C)																						

Note: \* :Not Included in Total Cost



Table HD- 5 Proposed Disbursement Schedule(F/C) :DC 1-4

Phase	Total Cost		F/C L/C														Remarks							
	F/C	L/C	%	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03		'04	'05	'06	'07	'08	'09	'10
G.Dhaka East																								
1.DC 1-4																								
A.Project Preparation																								
1).Administration	328																							0
2).Engineering	1,256				106	107					134	134			96	194	98							869
3).Compensation	101																							0
4).Land Acquisition	1,386																							0
Sub-Total : (x10 <sup>6</sup> TK)	3,070				106	107	0	0	0	0	134	134	0	0	96	194	98	0	0	0	0	0	0	869
(F/C)	869																							
(L/C)	1,933																							
B.Flood Mitigation																								
1).Embankment	5,188						218	218	219	256				386	386	386	297	584	288					3,368
2).Flood Wall	91						6	6	7	4				4	4	3	5	13	8					60
3).Sluice Gate	418						20	20	20	68				30	30	31	30	63	33					307
4).Related Struc.Etc	0																							0
Sub-Total : (x10 <sup>6</sup> TK)	5,697						244	244	246	324				420	420	420	332	660	329	0	0	0	0	3,735
(F/C)	3,732																							
(L/C)	1,965																							
C.Storm Water Drainage																								
1).Pump Sta.	4,051													145	146	146								3,298
2).Khal Improve.	1,142													45	45	46								516
3).Bridge.Etc	26													4	4	4								15
Sub-Total : (x10 <sup>6</sup> TK)	5,220													195	195	196	0	283	582	585	446	224	150	3,829
(F/C)	3,827																							
(L/C)	1,393																							
D.Physical Contingency																								
Sub-Total : (x10 <sup>6</sup> TK)	1,635													87	87	86	62	126	126	126	65			1,131
(F/C)	1,134																							
(L/C)	501																							
E.Operation&Maintenance*																								
1).O & M Work	2,719										17	29	29	28	28	28	64	64	77	90	104	118	123	799
2).Replacement Cost	2,561																							0
Sub-Total : (x10 <sup>6</sup> TK)	5,280										17	29	29	28	28	28	64	64	77	90	104	118	123	799
(F/C)																								
(L/C)																								
F.CDST & Tax (L/C)	2,674																							0
G.Total : (x10 <sup>6</sup> TK)	18,296				0	106	107	314	638	640	528	134	507	702	798	896	492	1,069	1,037	711	511	224	150	9,564
(F/C)	9,561																							
(L/C)	8,737																							

Note: \*Not Included in Total Cost

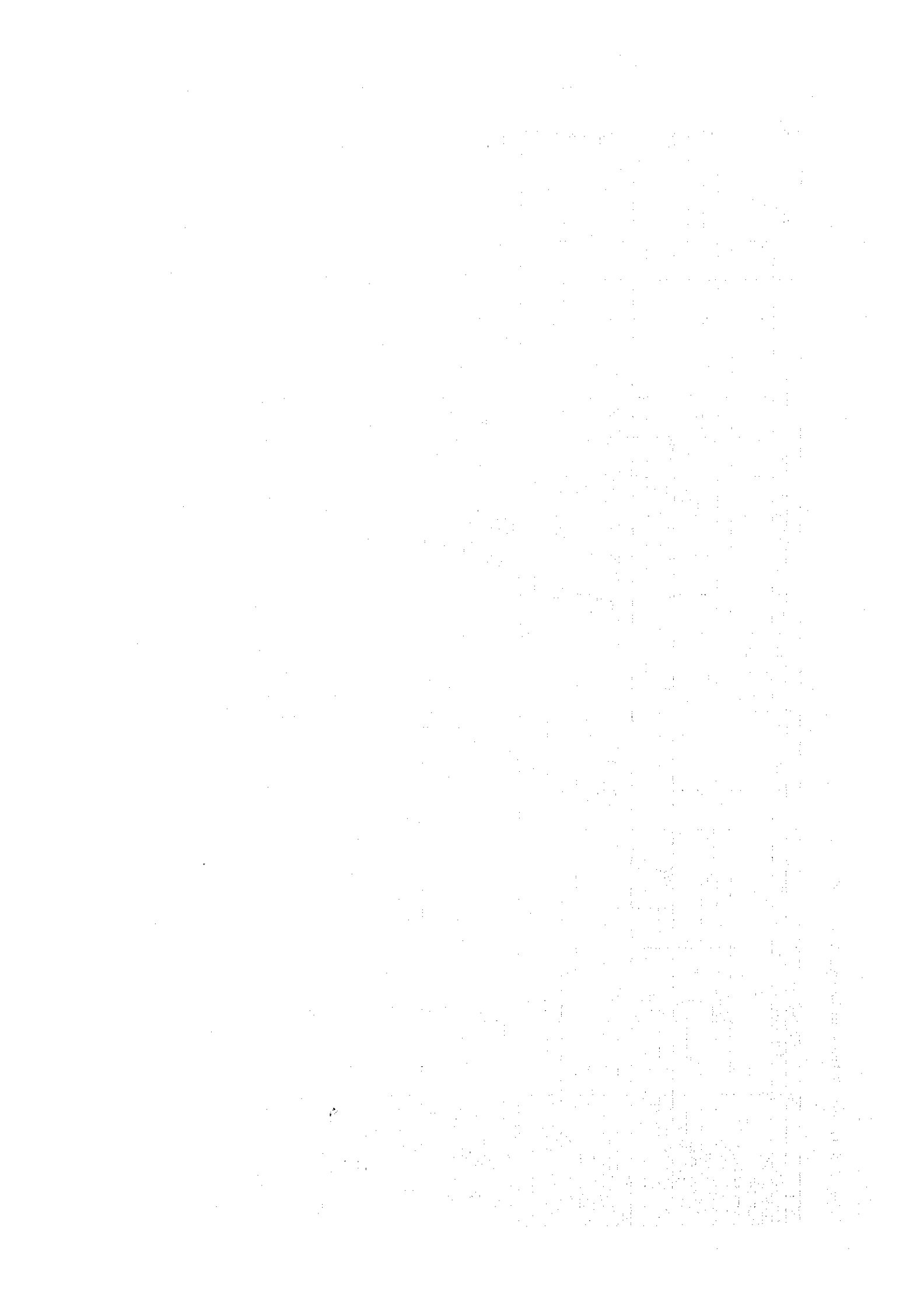


Table H 6 Proposed Disbursement Schedule :DND

Phase Project Area	Total Cost		Unit: Million TK													
	F/C & L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
DND																
A. Project Preparation																
1) Administration	80					18	18	18	21							
2) Engineering	305				305											
3) Compensation	62				62											
4) Land Acquisition	338				338											
Sub-Total : (x10 <sup>6</sup> TK)	785		0	0	0	723	18	18	21	0	0	0	0	0	0	0
(F/C)	200															
(L/C)	585															
B. Flood Mitigation																
1) Embankment	0															
2) Flood Wall Works	50				25	25										
3) Sluice Gate	62				31	31										
4) Related Struc. Etc	3				1	2										
Sub-Total : (x10 <sup>6</sup> TK)	114		0	0	0	57	58	0	0	0	0	0	0	0	0	0
(F/C)	82															
(L/C)	32															
C. Storm Water Drainage																
1) Pump Sta.	1,363				394	394	396									
2) Khal Improve.	1,059				353	353	353									
3) Bridge Etc	119				39	39	41									
Sub-Total : (x10 <sup>6</sup> TK)	2,542		0	0	0	786	786	790	0	0	0	0	0	0	0	0
(F/C)	1,660															
(L/C)	882															
D. Physical Contingency	398				132	132	134									
Sub-Total : (x10 <sup>6</sup> TK)	398															
(F/C)	261															
(L/C)	137															
E. Operation & Maintenance *																
1) O & M Work	737								14	25	25	25	25	25	25	25
2) Replacement Cost	949															
Sub-Total : (x10 <sup>6</sup> TK) *	1,686		0	0	0	0	0	0	14	25	25	25	25	25	25	25
(F/C)																
(L/C)																
F. CDST & Tax (L/C)	755					198	198	198								
G. Total : (x10 <sup>6</sup> TK)	4,594		0	0	723	1,191	1,192	1,143	0	0	0	0	0	0	0	0
(F/C)	2,203															
(L/C)	2,391															

Note: \*: Not Included in Total Cost



Table H6 Proposed Disbursement Schedule :DND (Contd.)

Phase Project Area	Unit:Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
G.Dhaka East																					
DND																					
A.Project Preparation																					
1) Administration		5																			80
2) Engineering																					305
3) Compensation																					62
4) Land Acquisition																					338
Sub-Total : (x10^6 TK)	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	785
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1) Embankment																					0
2) Flood Wall Works																					50
3) Sluice Gate																					62
4) Related.Struc.Etc																					3
Sub-Total : (x10^6 TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1) Pump Sta.			179																		1,363
2) Khai Improve.																					1,059
3) Bridge.Etc																					119
Sub-Total : (x10^6 TK)	0	0	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,541
(F/C)																					
(L/C)																					
D.Physical Contingency																					398
Sub-Total : (x10^6 TK)																					
(F/C)																					
(L/C)																					
E.Operation&Maintenance																					
1) O & M Work	24	24	24	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	737
2) Replacement Cost									770									179			949
Sub-Total : (x10^6 TK)	24	24	24	28	28	28	28	28	798	28	28	28	28	28	28	28	28	207	28	28	1,685
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)																					755
G. Total : (x10^6 TK)	0	5	340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,594
(F/C)																					
(L/C)																					

Note: \*.Not Included in Total Cost





Table H.D-6 Proposed Disbursement Schedule(F/C):DND

Phase Project Area	Total Cost FC&L/C	Unit: Million TK												Remarks										
		%	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01		'02	'03	'04	'05	'06	'07	'08	'09	'10	
DND																								
A. Project Preparation																								
1) Administration	80																							
2) Engineering	305																							
3) Compensation	62																							
4) Land Acquisition	338																							
Sub-Total: (x10 <sup>6</sup> TK)	785																							
(F/C)	200																							
(L/C)	585																							
B. Flood Mitigation																								
1) Embankment	0																							
2) Flood Wall Works	64																							
3) Sluice Gate	79																							
4) Related Struc.Etc	0.667																							
Sub-Total: (x10 <sup>6</sup> TK)	144																							
(F/C)	82																							
(L/C)	32																							
C. Storm Water Drainage																								
1) Pump Sta	839																							
2) Khal Improve.	0.441																							
3) Bridge.Etc	0.412																							
Sub-Total: (x10 <sup>6</sup> TK)	2,542																							
(F/C)	1,660																							
(L/C)	882																							
D. Physical Contingency	398																							
Sub-Total: (x10 <sup>6</sup> TK)	398																							
(F/C)	261																							
(L/C)	137																							
E. Operation&Maintenance*																								
1) O & M Work	737																							
2) Replacement Cost	949																							
Sub-Total: (x10 <sup>6</sup> TK)	1,686																							
(F/C)																								
(L/C)																								
F. CDST & Tax (L/C)	0																							
G. Total: (x10 <sup>6</sup> TK)	4,594																							
(F/C)	2,203																							
(L/C)	2,391																							

Note: \*Not included in Total Cost

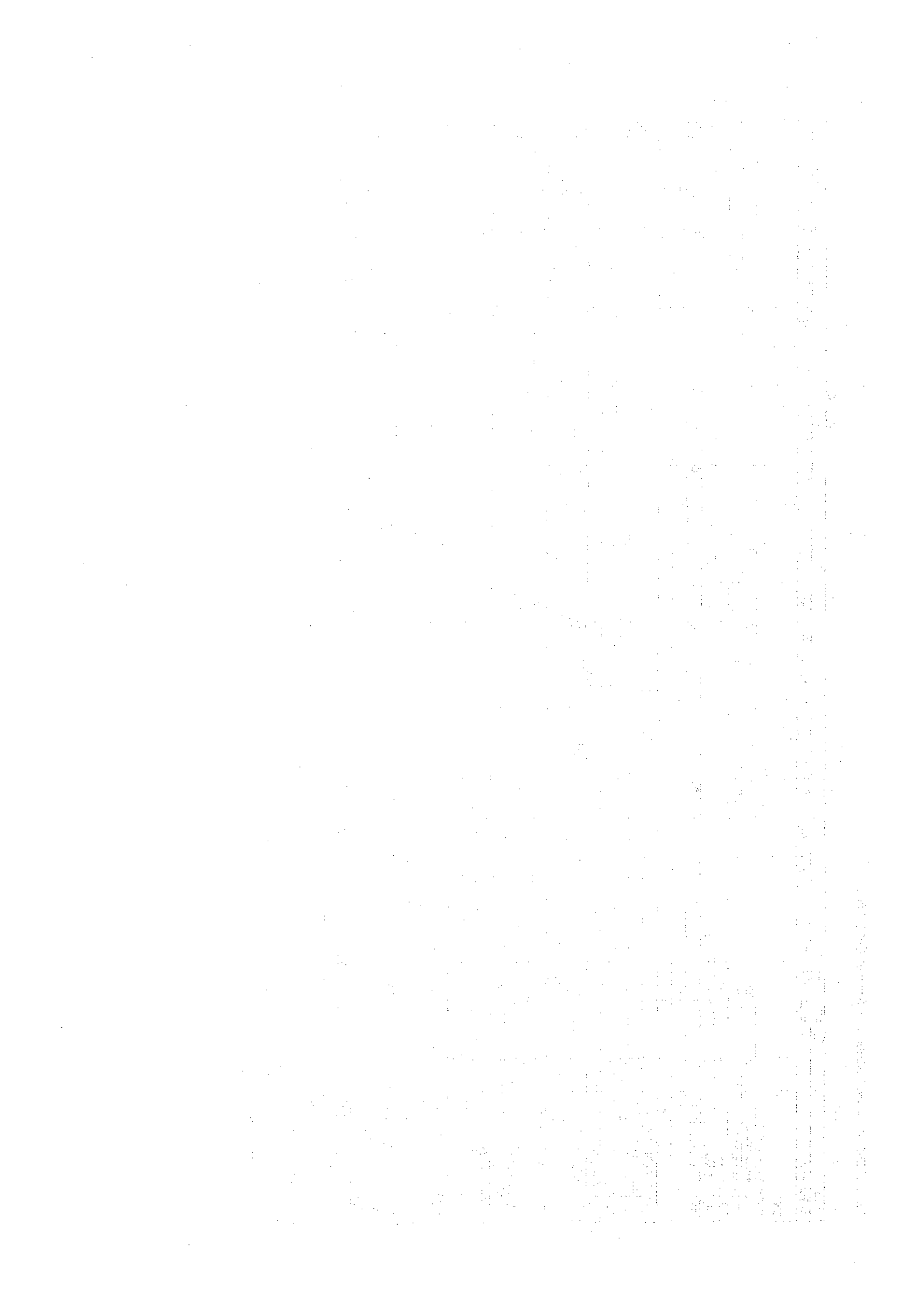


Table H7 Proposed Disbursement Schedule : N.WEST

Phase	Total Cost F/C & L/C	F/C %	L/C %	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
G.Dhaka East N.WEST																	
A.Project Preparation									10	10	10	10	10	12			
1) Administration	62								236								
2) Engineering	236								166								
3) Compensation	166								305	305	306						
4) Land Aquisition	916								717	315	316	10	10	12	0	0	0
Sub-Total : (x10^6 TK)	1,380																
(F/C)	163																
(L/C)	1,217																
B.Flood Mitigation																	
1) Embankment	686									228	228	230					
2) Flood Wall Works	211									70	70	71					
3) Sluice Gate	162									54	54	54					
4) Related.Struc.Etc	1											1					
Sub-Total : (x10^6 TK)	1,060									352	352	356	0	0	0	0	0
(F/C)	757																
(L/C)	302																
C.Storm Water Drainage																	
1) Pump Sta.	536										134	134	134	134			
2) Khal Improve.	439										109	109	109	112			
3) Bridge.Etc	19										4	4	4	7			
Sub-Total : (x10^6 TK)	994										247	247	247	253	0	0	0
(F/C)	663																
(L/C)	330																
D.Physical Contingency	308									61	61	61	61	64			
Sub-Total : (x10^6 TK)	308																
(F/C)	213																
(L/C)	94																
E.Operation&Maintenance*																	
1) O & M Work	515												16	16	21	21	21
2) Replacement Cost	328																
Sub-Total : (x10^6 TK)	843												16	16	21	21	21
(F/C)																	
(L/C)																	
F.CDST & Tax (L/C)	356									71	71	71	71	72			
G.Total : (x10^6 TK)	4,097			0	0	0	0	0	717	799	1,047	745	389	401	0	0	0
(F/C)	1,797																
(L/C)	2,300																

Note: \*Not Included in Total Cost



Table H 7 Proposed Disbursement Schedule :N.WEST (Contd.)

Phase	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
Project Area																					
G.Dhaka East																					
N.WEST																					
A.Project Preparation																					
1) Administration																					62
2) Engineering																					236
3) Compensation																					166
4) Land Aquisition																					916
Sub-Total : (x10^6 TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,380
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1) Embankment																					686
2) Flood Wall Works																					211
3) Sluice Gate																					162
4) Related.Struc.Etc																					11
Sub-Total : (x10^6 TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,060
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1) Pump Sta.																					536
2) Khal Improve.																					439
3) Bridge.Etc																					19
Sub-Total : (x10^6 TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	994
(F/C)																					
(L/C)																					
D.Physical Contingency																					308
Sub-Total : (x10^6 TK)																					
(F/C)																					
(L/C)																					
E.Operation & Maintenance																					
1) O & M Work	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	515
2) Replacement Cost																					328
Sub-Total : (x10^6 TK)	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	843
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)																					356
G.Total : (x10^6 TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,098
(F/C)																					
(L/C)																					

Note: \*Not Included in Total Cost



Table HD-7 Proposed Disbursement Schedule (F/C):N.WEST

Phase	Project Area	Total Cost		Year												Remarks							
		F/C	L/C	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03		'04	'05	'06	'07	'08	'09	'10
	G.Dhaka East																						
	N.WEST																						
	A.Project Preparation																						
	1) Administration	0	62																				
	2) Engineering	0.691	236																				163
	3) Compensation	0	166																				0
	4) Land Acquisition	0	916																				0
	Sub-Total : (x10^6 TK)		1,380																				163
	(F/C)		163																				0
	(L/C)		1,217																				0
	B.Flood Mitigation																						
	1) Embankment	0.692	686																				478
	2) Flood Wall Works	0.753	211																				159
	3) Sluice Gate	0.741	162																				120
	4) Related Struc.Etc	1	1																				1
	Sub-Total : (x10^6 TK)		1,060																				758
	(F/C)		757																				0
	(L/C)		302																				0
	C.Storm Water Drainage																						
	1) Pump Sta.	0.821	536																				440
	2) Khal Improve.	0.492	439																				216
	3) Bridge,Etc	0.421	191																				8
	Sub-Total : (x10^6 TK)		994																				664
	(F/C)		663																				0
	(L/C)		330																				0
	D.Physical Contingency	0.694	308																				214
	Sub-Total : (x10^6 TK)		308																				0
	(F/C)		213																				0
	(L/C)		94																				0
	E.Operation&Maintenance*																						
	1) O & M Work		515																				200
	2) Replacement Cost		328																				0
	Sub-Total : (x10^6 TK)		843																				200
	(F/C)																						0
	(L/C)																						0
	F.CDST & Tax (L/C)	0	356																				0
	G.Total : (x10^6 TK)		4,097																				1,799
	(F/C)		1,797																				0
	(L/C)		2,300																				0

Note: \*Not Included in Total Cost





Table HB 1 ADMINISTRATION COST FOR PUMP INSTALATION (2ND STAGE)

Project Area	Unit:Million Tk					Remarks
	Total Admi. Cost(1)	Flood Mitigation Total Cost(2)	Storm Water Total Cost(3)	Pump Cost (2 nd Stage)(4)	Admi.Cost *(2 nd Stage)(5)	
<u>I.Greater Dhaka East</u>						
DC-1	104	2527	932	92	2.8	
DC-2	72	1021	1371	184	5.5	
DC-3	70	1025	1303	183	5.5	
DC-4	82	1124	1614	179	5.4	
TOTAL		5697	5220	638	19.2	
<u>II DND</u>						
	80	114	2524	179	5.4	
<u>III.N.WEST</u>						
	62	1060	994 - -		0	

Note:

$$(5)^* = (1) / ((2) + (3)) * (4)$$



Table HB 2 :Disbursement Cost OF PUMP STATIONS

Project Area	Pump Station No.	Total Cost	Construction		Remarks
			Electrical	Mechanical and Electrical Cost	
Unit: Million Tk					
<u>I. Greater Dhaka East</u>					
DC-1	P.5		634	389	542 92
DC-2	P.6		1163	732	979 184
DC-3	P.7A		1133	727	950 183
DC-4	P.7B		1121	713	942 179
<b>TOTAL</b>			<b>4051</b>	<b>2561</b>	<b>3413 638</b>
<u>II DND</u>					
	P.10				179
	P.11		1125	946	179
<b>Total</b>			<b>1125</b>	<b>710</b>	<b>179 179</b>
<u>III. N.WEST</u>					
	P.12		119	72	119
	P.13		118	71	118
	P.14A		125	76	125
	P.14B		173	110	173
<b>TOTAL</b>			<b>536</b>	<b>328</b>	<b>536</b>

Note:

- 1) Const. Cost of Second Stage: (Pump+Main Moter+Pipe and Valve+Installation)/3
- 2) CDST&TAX for second stage Pump instration is estimated at 90% of pump Instalation cost at scnd stage



Table HB 3: O/M Cost For Civil Works Pump Station and Administration

Project Area	Unit: Million Tk									
	Construction Cost					Administration Cost				
	Flood Mitigation Facility (1)	Storm Water Drainage Facility (2)	Pump Station Const. Cost (3)	Civil Works (4) = (1)+(2)-(3)	O/M Cost (Civil) (5) = (4)x1%	O/M of Pump Sta. (6)	2nd Stage (7)	Early Stage (Year)	Mid Stage	Later Stage
I. Greater Dhaka East										
DC-1	2527	932	634	2825	28.3	4.59	6.89	3 (2004-2009)	3 (2010-2009)	2
DC-2	1021	1371	1163	1229	12.3	9.79	14.69	1 (2001)	3 (2002-2001)	3
DC-3	1025	1309	1139	1195	12	9.52	14.28	1 (2006-2007)	3 (2008-2006)	3
DC-4	1124	1614	1121	1617	16.2	8.46	12.70	1 (1998-1999)	4 (2000-2001)	3
TOTAL	1124	5220	4051	2293	68.8					
II. DND										
	114	2542	1363	1293	9.1	12.90	17.40	1 (1998)	3 (1999-2005)	2
III. N.WEST										
	1060	994	536	1518	15.2	3.28		1 (2001-2002)	2 (2003-2001)	2

Note:  
 1)-O/M of Pump Station: Estimated at 269000 Tk/m<sup>3</sup>/s/Year  
 2) DND: (6),(7): including O/M of Existing Pump Station  
 3) DND: (5)=0.7%\*(4)...Due to Concrete Works Only



Table HB 4: PHASED IMPLIMENTATION WORKS OF PUMP STATIONS AND REPLACEMENT COST

Unit: Million Tk					
Project Area	Pump Station No.	Total Capacity(m3/s)	Total Replacement	Repacement Co.Cost (1 st Stage (2 nd Stage)	Remarks
<b>I.Greater Dhaka East</b>					
DC-1	P.5	25.6	389	297	92
DC-2	P.6	54.6	732	548	184
DC-3	P.7A	53.1	727	544	183
DC-4	P.7B	47.2	713	534	179
<b>TOTAL</b>		<b>180.5</b>	<b>2561</b>	<b>1923</b>	<b>638</b>
<b>II DND</b>					
	P.10	14.5	710	531	179 Existing Pump
	P11	50.2		239	
<b>Total</b>		<b>64.7</b>	<b>710</b>	<b>770</b>	<b>179</b>
<b>III.N.WEST</b>					
	P12	2	72	72	
	P.13	2.2	71	71	
	P.14A	2.7	76	76	
	P.14B	5.3	110	110	
<b>TOTAL</b>		<b>12.2</b>	<b>328</b>	<b>328</b>	

Note:

Replacement Items: Mechanical and Electrical Items(Ref. Table H.3.17 H.3.26 and H3.38)





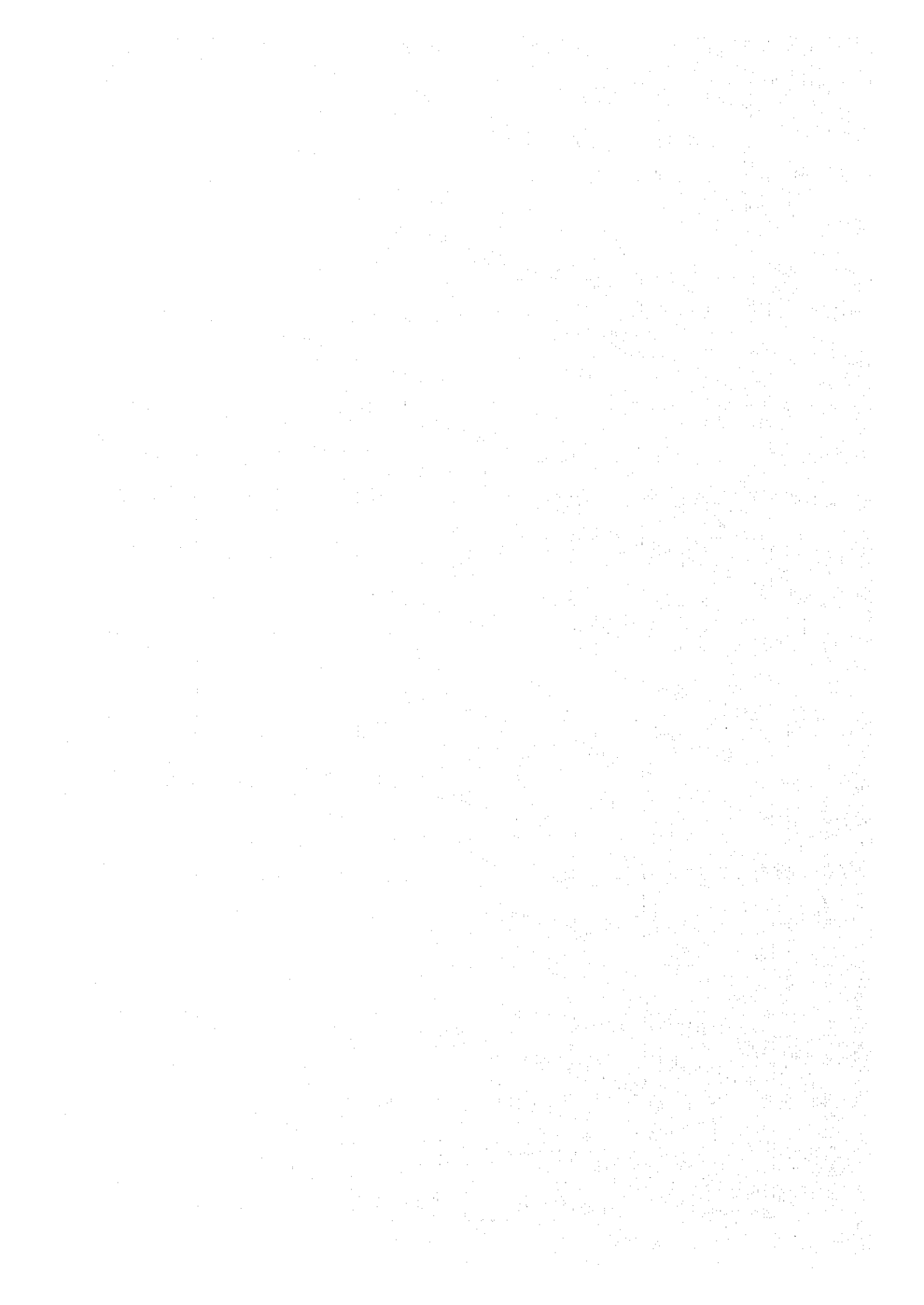
- Data for Supporting Report I -



Data ID 1 : Disbursement Schedule for Economic Evaluation

Table HD1 : Disbursement Schedule for Economic Evaluation :DC-1

Phase Project Area	Coef.	Total Cost		Year												Unit : Million TK		
		F/C	L/C	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03		'04	'05
G.Dhaka East																		
1.DC-1																		
A.Project Preparation																		
1) Administration	0.82	104		0	0	0	0	0	0	0	14	14	14	14	13	0	0	0
2) Engineering	0.82	398		0	0	0	0	0	0	163	163	0	0	0	0	0	0	0
3) Compensation	1	34		0	0	0	0	0	0	17	17							
4) Land Acquisition	0	531		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total : (x10 <sup>6</sup> TK)		1,067								194	194	14	14	14	13	0	0	0
(F/C)		268																
(L/C)		799																
B.Flood Mitigation																		
1) Embankment	0.898	2,340		0	0	0	0	0	0	0	0	525	525	525	525	0	0	0
2) Flood Wall	0.852	22		0	0	0	0	0	0	0	0	5	5	5	3	0	0	0
3) Sluice Gate	0.972	165		0	0	0	0	0	0	0	0	40	40	40	41	0	0	0
4) Related Struc.Etc	0.852	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total : (x10 <sup>6</sup> TK)		2,527										570	570	570	570	0	0	0
(F/C)		1,675																
(L/C)		852																
C.Storm Water Drainage																		
1) Pump Sta.	0.951	634											172	172	171	0	0	0
2) Khal Improve.	0.88	280		0	0	0	0	0	0	0	0	0	82	82	83	0	0	0
3) Bridge,Etc	0.852	17											5	5	4	0	0	0
Sub-Total : (x10 <sup>6</sup> TK)		932											259	259	258	0	0	0
(F/C)		657																
(L/C)		275																
D.Physical Contingency	0.82	518										106	107	107	105			
Sub-Total : (x10 <sup>6</sup> TK)		518																
(F/C)		349																
(L/C)		169																
E.Operation & Maintenance	*																	
1) O & M Work	1	808																36
2) Replacement Cost	1	399																36
Sub-Total : (x10 <sup>6</sup> TK)	*	1,197																36
(F/C)																		
(L/C)																		
F.CDST & Tax (L/C)	0	572										0	0	0	0	0	0	0
G.Total : (x10 <sup>6</sup> TK)		5,616		0	0	0	0	0	0	194	194	690	950	950	946	36	36	36
(F/C)		2,949																
(L/C)		2,667																



Disbursement Schedule for Economic Evaluation :DC-1 (Contd.)

Phase Project Area	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
G.Dhaka East																					
1.DC-1																					
A.Project Preparation																					
1)Administration	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
2)Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	326
3)Compensation																					34
4)Land Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total : (x10 <sup>6</sup> TK)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	446
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1)Embankment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,101
2)Flood Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
3)Sluice Gate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
4)Related Struc.Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,280
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1)Pump Sta.	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	603
2)Khal Improve.																					247
3)Bridge.Etc																					14
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	864
(F/C)																					
(L/C)																					
D.Physical Contingency																					424
Sub-Total : (x10 <sup>6</sup> TK)																					
(F/C)																					
(L/C)																					
E.Operation&Maintenance																					
1)O & M Work	36	36	36	36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	808
2)Replacement Cost																					389
Sub-Total : (x10 <sup>6</sup> TK)	36	36	36	36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	1,197
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)																					0
G.Total : (x10 <sup>6</sup> TK)	36	36	38	123	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	5,211
(F/C)																					
(L/C)																					

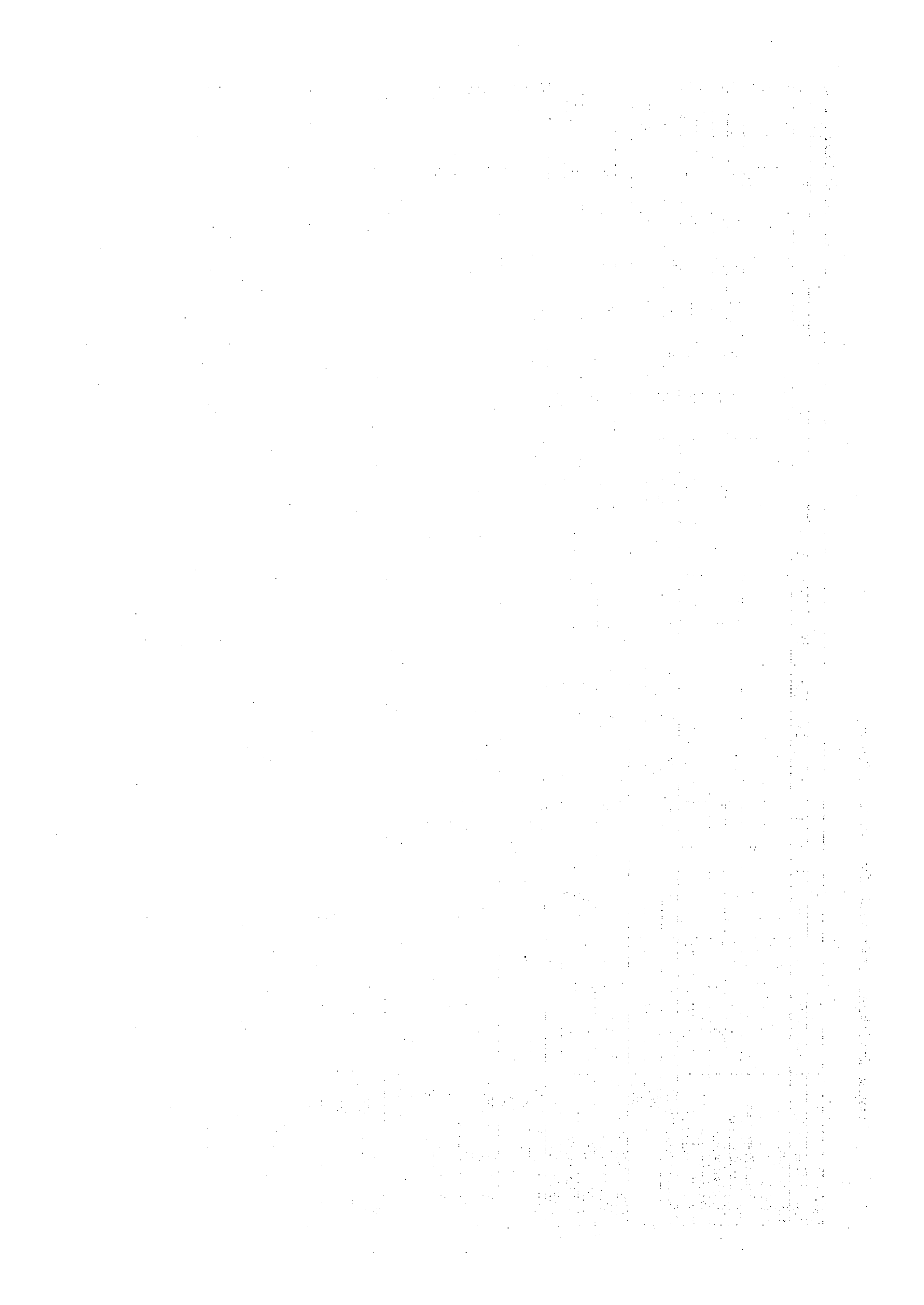


Table ID 2 Disbursement Schedule for Economic Evaluation:DC-2

Phase Project Area	Coeff.	Total Cost		F/C	L/C	%	L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
		F/C	L/C																			
G.Dhaka East																						
I.DC-2																						
A.Project Preparation																						
1).Administration	0.82					72														9	9	9
2).Engineering	0.82					275														112	113	0
3).Compensation	1					22														11	11	
4).Land Aquisition	0					250														0	0	0
Sub-Total : (x10 <sup>6</sup> TK)						619														132	133	9
(F/C)						196																
(L/C)						423																
B.Flood Mitigation																						
1).Embankment	0.898					905																406
2).Flood Wall	0.852					24																10
3).Sluice Gate	0.972					92																45
4).Related.Struc.Etc	0.852					0																
Sub-Total : (x10 <sup>6</sup> TK)						1,021																461
(F/C)						658																
(L/C)						363																
C.Storm Water Drainage																						
1).Pump Sta.	0.951					1,163																
2).Khal Improve.	0.88					208																
3).Bridge,Etc	0.852					0																
Sub-Total : (x10 <sup>6</sup> TK)						1,371																
(F/C)						1,047																
(L/C)						324																
D.Physical Contingency	0.82					358																73
Sub-Total : (x10 <sup>6</sup> TK)						358																
(F/C)						256																
(L/C)						102																
E.Operation&Maintenance	*																					
1).O & M Work	1					528																
2).Replacement Cost	1					732																
Sub-Total : (x10 <sup>6</sup> TK)	*					1,260																
(F/C)																						
(L/C)																						
F.CDST & Tax (L/C)	0					706																0
G.Total (x10 <sup>6</sup> TK)						4,074			0	0	0	0	0	0	0	0	0	0	0	132	133	543
(F/C)						2,157																
(L/C)						1,919																





Disbursement Schedule for Economic Evaluation: DC-2 (Contd.)

Phase	Unit: Million TK																				Remarks
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	
G. Dhaka East																					
1. DC-2																					
A. Project Preparation																					
1) Administration	9	9	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
2) Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226
3) Compensation																					22
4) Land Acquisition																					0
Sub-Total : (x10 <sup>6</sup> TK)	9	9	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	307
(F/C)																					
(L/C)																					
B. Flood Mitigation																					
1) Embankment	407																				813
2) Flood Wall	10																				20
3) Sluice Gate	45																				89
4) Related Struc. Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	462	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	923
(F/C)																					
(L/C)																					
C. Storm Water Drainage																					
1) Pump Sta.	310	310	311	0	175																1,106
2) Khal Improve.	61	61	62	0	0																183
3) Bridge Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	371	371	373	0	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,289
(F/C)																					
(L/C)																					
D. Physical Contingency	73	73	75																		294
Sub-Total : (x10 <sup>6</sup> TK)																					
(F/C)																					
(L/C)																					
E. Operation & Maintenance																					
1) O & M Work	13	15	15	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	528
2) Replacement Cost																					732
Sub-Total : (x10 <sup>6</sup> TK)	13	15	15	25	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	1,260
(F/C)																					
(L/C)																					
FODST & Tax (L/C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G. Total : (x10 <sup>6</sup> TK)	914	466	471	30	200	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	4,072
(F/C)																					
(L/C)																					

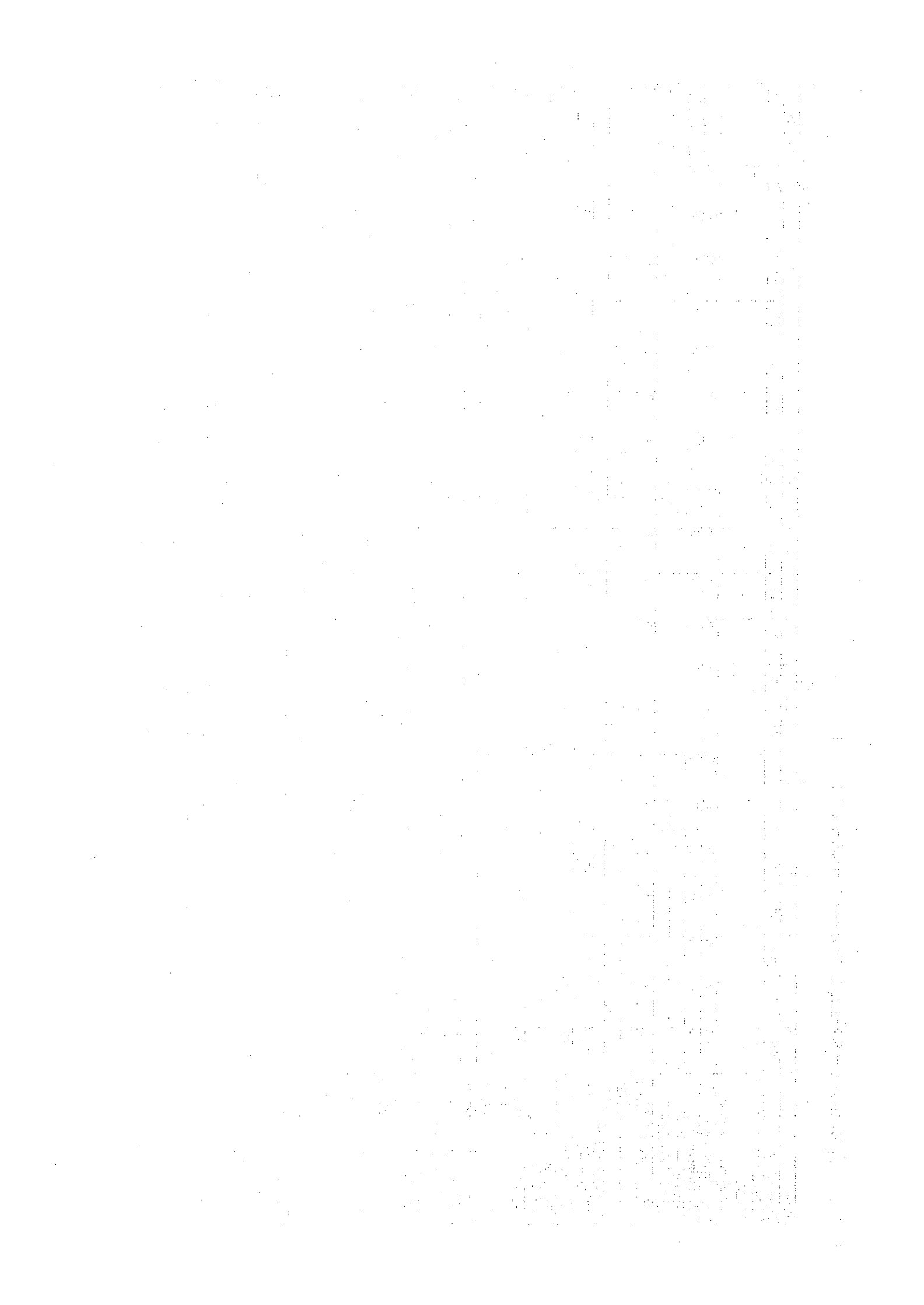
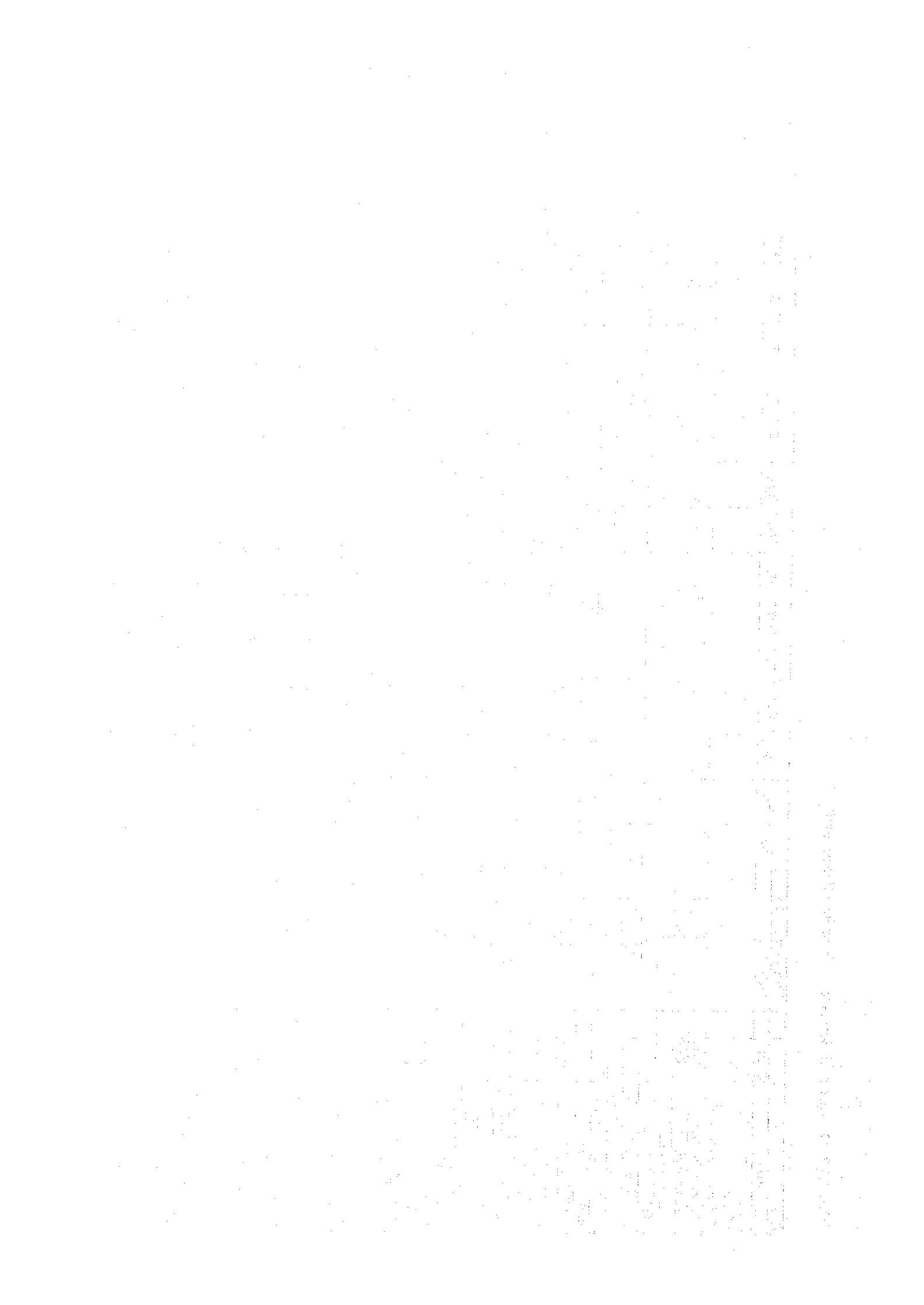


Table ID 3 Disbursement Schedule for Economic Evaluation:DC-3

Phase	Coef.	Total Cost F/C & L/C	%	F/C	L/C	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
<b>G.Dhaka East</b>																			
<b>1.DC-3</b>																			
<b>A.Project Preparation</b>																			
1).Administration	0.82	70										8	8				8	8	
2).Engineering	0.82	268										110	110				0	0	
3).Compensation	1	14										7	7						
4).Land Acquisition	0	224										0	0						
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		<b>575</b>										<b>125</b>	<b>125</b>				<b>8</b>	<b>8</b>	
(F/C)		192																	
(L/C)		383																	
<b>B.Flood Mitigation</b>																			
1).Embankment	0.898	930																418	418
2).Flood Wall	0.852	16																7	7
3).Sluice Gate	0.972	80																39	39
4).Related.Struc.Etc	0.852	0																	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		<b>1,025</b>																<b>463</b>	<b>463</b>
(F/C)		664																	
(L/C)		361																	
<b>C.Storm Water Drainage</b>																			
1).Pump Sta.	0.951	1,133																	301
2).Khal Improve.	0.88	170																	49
3).Bridge,Etc	0.852	0																	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		<b>1,303</b>																	<b>350</b>
(F/C)		1,003																	
(L/C)		300																	
<b>D.Physical Contingency</b>	0.82	348																	71
<b>Sub-Total : (x10<sup>6</sup> TK)</b>		<b>348</b>																	<b>71</b>
(F/C)		250																	
(L/C)		98																	
<b>E.Operation &amp; Maintenance</b>	*																		
1).O & M Work	1	540																	
2).Replacement Cost	1	727																	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	*	<b>1,267</b>																	
(F/C)																			
(L/C)																			
<b>FCDST &amp; Tax (L/C)</b>	0	709																	0
<b>G.Total : (x10<sup>6</sup> TK)</b>		<b>3,961</b>																	<b>893</b>
(F/C)		2,109																	
(L/C)		1,852																	



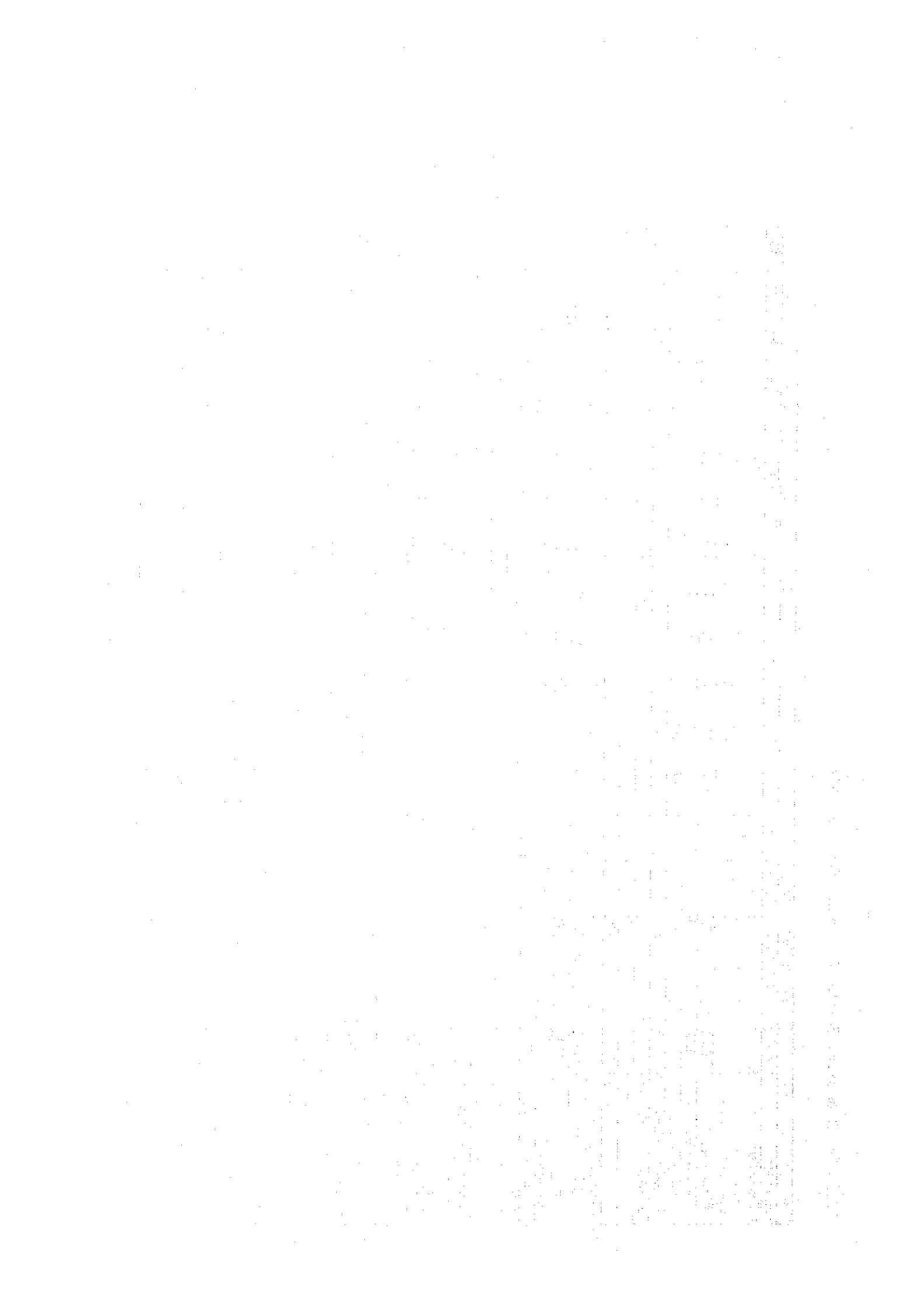
Disbursement Schedule for Economic Evaluation :DC-3 (Contd.)

Phase	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
Project Area																					
G.Dhaka East																					
1.DC-3																					
A.Project Preparation																					
1)Administration	10	10	5	0																	57.4
2)Engineering	0	0	0	0																	219.76
3).Compensation																					14
4)Land Aquisition																					0
Sub-Total : (x10 <sup>6</sup> TK)	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291.16
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1)Embankment																					855.14
2)Flood Wall																					13.632
3)Sluice Gate																					77.76
4)Related.Struc.Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	926.532
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1)Pump Sta.	301	302	0	174																	1077.483
2)Khal Improve.	49	51	0																		149.6
3)Bridge,Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)	350	353	0	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1227.083
(F/C)																					
(L/C)																					
D.Physical Contingency	71	71																			285.36
Sub-Total : (x10 <sup>6</sup> TK)																					
(F/C)																					
(L/C)																					
E.Operation&Maintenance																					
1)O & M Work	13	13	25	25	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	540
2)Replacement Cost																					727
Sub-Total : (x10 <sup>6</sup> TK)	13	13	25	25	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	1267
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G. Total : (x10 <sup>6</sup> TK)	444	448	30	199	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	3,997
(F/C)																					
(L/C)																					



Table ID 4 Disbursement Schedule for Economic Evaluation :DC-4

Phase	Total Cost	F/C	L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
<b>Project Area</b>	<b>F/C &amp; L/C</b>	<b>%</b>	<b>%</b>															
G.Dhaka East																		
<b>1.DC-4</b>																		
<b>A.Project Preparation</b>																		
1).Administration	82	0.82			11	11	11	11	11	11	10							
2).Engineering	315	0.82			129	130	0	0	0	0	0							
3).Compensation	31	1			13	16												
4).Land Acquisition	381	0			0	0												
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>809</b>				<b>154</b>	<b>156</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
(F/C)	213																	
(L/C)	596																	
<b>B.Flood Mitigation</b>																		
1).Embankment	1,013	0.898					303	303	303	304								
2).Flood Wall	29	0.852					8	8	8	9								
3).Sluice Gate	81	0.972					26	26	26	26								
4).Related.Struc.Etc	0	0.852																
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,124</b>						<b>337</b>	<b>337</b>	<b>337</b>	<b>340</b>								
(F/C)	735																	
(L/C)	389																	
<b>C.Storm Water Drainage</b>																		
1).Pump Sta.	1,121	0.951							299	299	299							
2).Khal.Improve.	484	0.88							142	142	143							
3).Bridge,Etc	9	0.852							3	3	3							
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,614</b>								<b>443</b>	<b>443</b>	<b>444</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
(F/C)	1,120																	
(L/C)	494																	
<b>D.Physical Contingency</b>																		
Sub-Total : (x10 <sup>6</sup> TK)	411	0.82					84	84	84	84								
(F/C)	411																	
(L/C)	279																	
	132																	
<b>E.Operation&amp;Maintenance</b>																		
1).O & M Work	843	1									17	29	29	28	28	28	28	28
2).Replacement Cost	713	1																
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>1,556</b>										<b>17</b>	<b>29</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
(F/C)																		
(L/C)																		
<b>F.CDST &amp; Tax (L/C)</b>	<b>0</b>						<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>G.Total : (x10<sup>6</sup> TK)</b>	<b>4,645</b>				<b>0</b>	<b>154</b>	<b>156</b>	<b>432</b>	<b>875</b>	<b>878</b>	<b>554</b>	<b>29</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
(F/C)	2,346																	
(L/C)	2,299																	





Disbursement Schedule for Economic Evaluation:DC-4(Contd.)

Phase Project Area	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
G.Dhaka East																					
1.DC-4																					
A.Project Preparation																					
1).Administration		5																			68
2).Engineering																					258
3).Compensation																					31
4).Land Acquisition																					0
Sub-Total : (x10 <sup>6</sup> TK)	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	357
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1).Embankment																					910
2).Flood Wall																					25
3).Sluice Gate																					79
4).Related Struc. Etc																					0
Sub-Total : (x10 <sup>6</sup> TK)																					1,013
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1).Pump Sta.			170																		1,066
2).Khal Improve.																					426
3).Bridge, Etc																					8
Sub-Total : (x10 <sup>6</sup> TK)	0	0	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,500
(F/C)																					
(L/C)																					
D.Physical Contingency																					337
Sub-Total : (x10 <sup>6</sup> TK)																					
(F/C)																					
(L/C)																					
E.Operation & Maintenance																					
1).O & M Work	28	28	28	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	843
2).Replacement Cost																					713
Sub-Total : (x10 <sup>6</sup> TK)	28	28	28	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	1,556
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)	0	0	0																		0
G.Total : (x10 <sup>6</sup> TK)	28	33	198	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	4,763
(F/C)																					
(L/C)																					

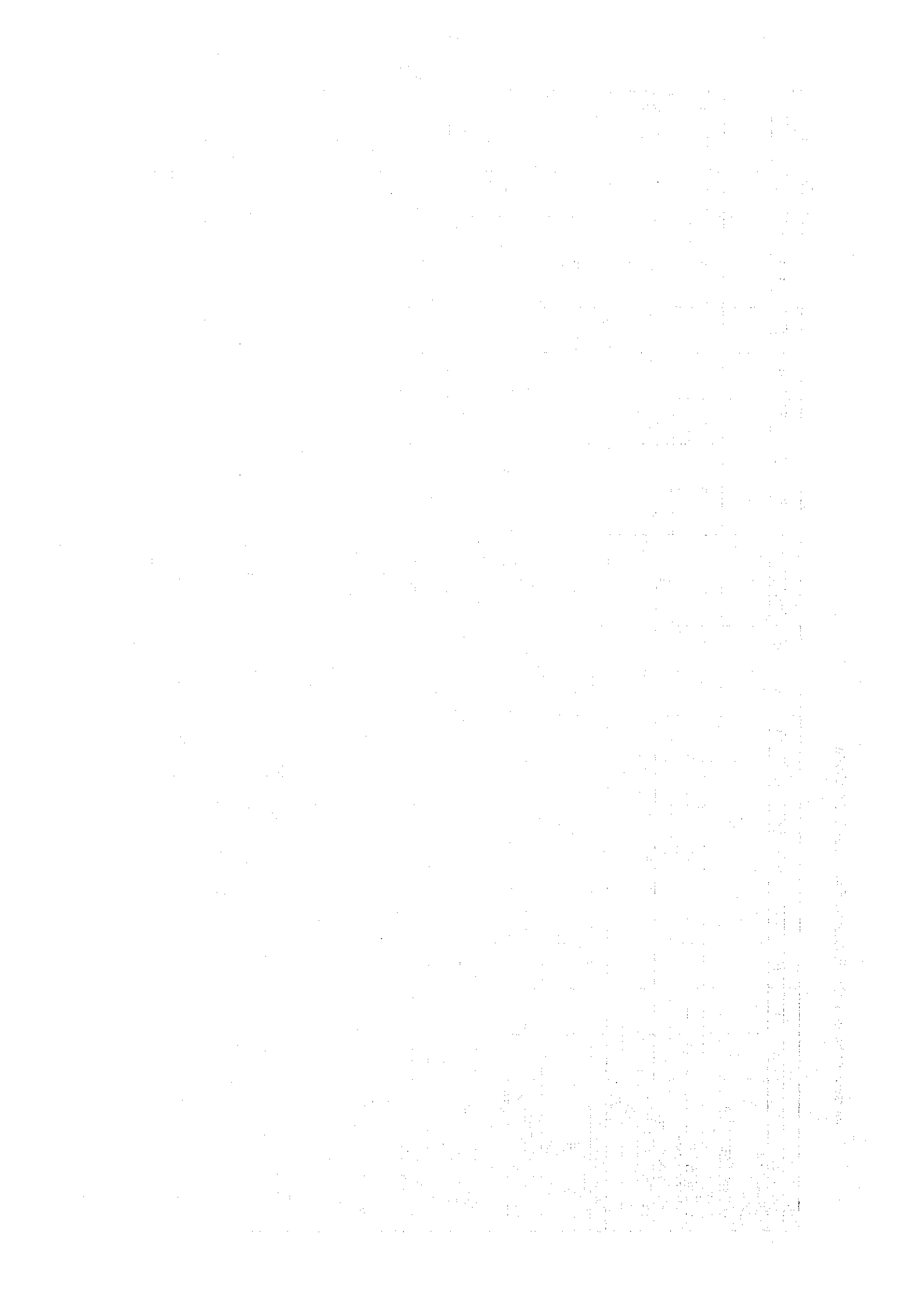
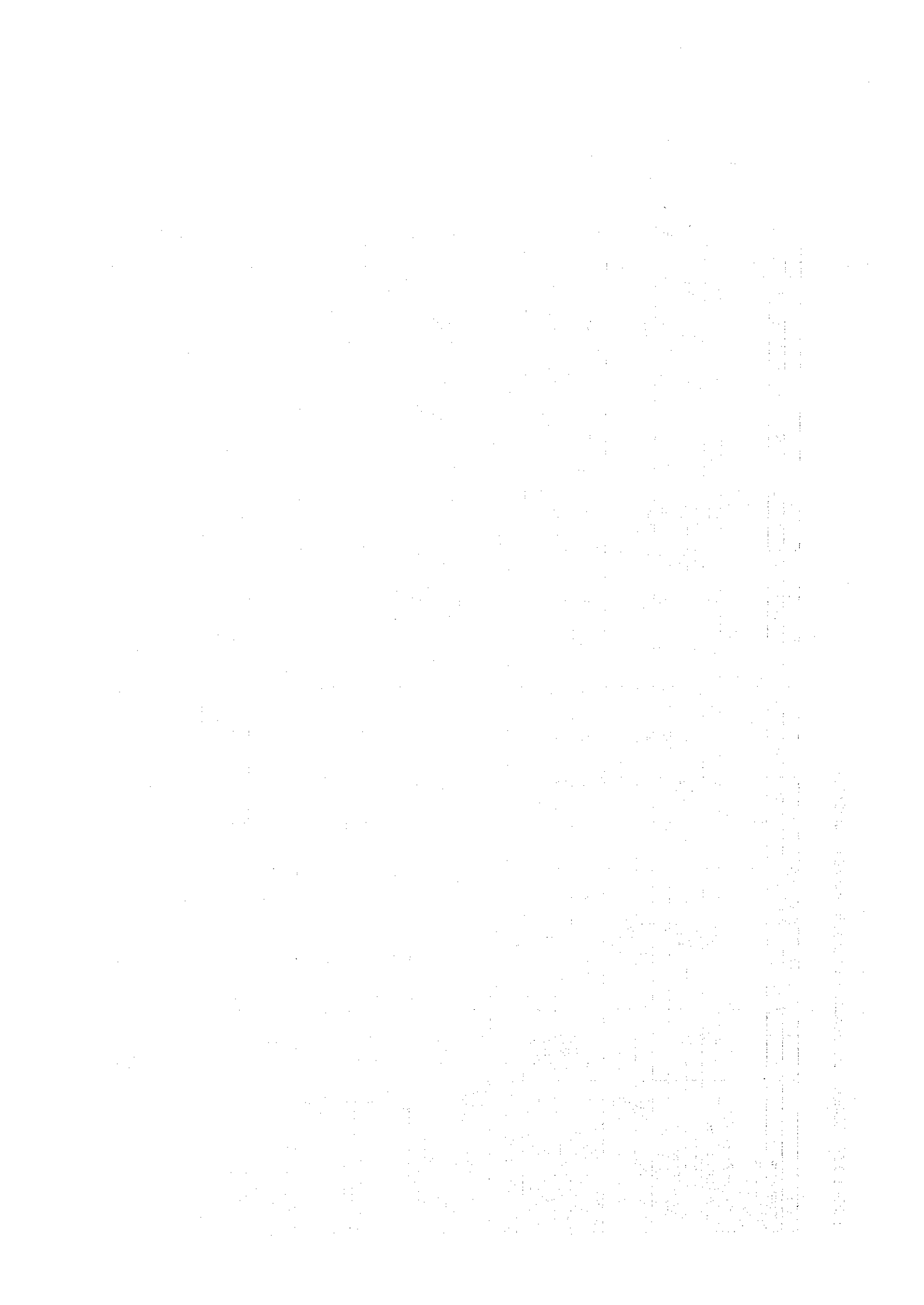


Table 1D 5 Disbursement Schedule for Economic Evaluation :DC 1-4

Phase	coeff.	Total Cost		Phase													
		F/C & L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
G.Dhaka East 1.DC 1-4																	
A.Project Preparation																	
1).Administration	0.82	328		0	11	11	11	11	11	11	11	14	14	22	30	17	17
2).Engineering	0.82	1,256		0	129	130	0	0	163	163	0	0	110	222	113	0	0
3).Compensation	1	101		0	15	16			17	17			7	18	11		
4).Land Aquisition	0	1,386		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total : (x10 <sup>6</sup> TK)		3,070		154	156	11	11	11	204	194	14	14	139	271	141	17	
(F/C)		869															
(L/C)		1,933															
B.Flood Mitigation																	
1).Embankment	0.898	5,188		0	0	0	303	303	304	0	0	525	525	525	525	418	823
2).Flood Wall	0.852	91		0	0	0	8	8	9	0	0	5	5	5	3	7	17
3).Stuice Gate	0.972	418		0	0	0	26	26	26	0	0	40	40	40	41	39	84
4).Related.Struc.Etc	0.852	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total : (x10 <sup>6</sup> TK)		5,697		0	0	0	337	337	340			570	570	570	570	463	924
(F/C)		3,732															
(L/C)		1,965															
C.Storm Water Drainage																	
1).Pump Sta.	0.951	4,051		0	0	0	0	299	299	299	0	0	172	172	171	0	301
2).Khal Improve.	0.88	1,142		0	0	0	142	142	143	143	0	0	82	82	83	0	49
3).Bridge,Etc	0.852	26		0	0	0	0	3	3	3	0	0	5	5	4	0	0
Sub-Total : (x10 <sup>6</sup> TK)		5,220		0	0	0	443	443	444	0	0	259	259	258	0	350	
(F/C)		3,827															
(L/C)		1,393															
D.Physical Contingency	0.82	1,635				84	84	84	84	84	0	107	107	107	105	71	144
Sub-Total : (x10 <sup>6</sup> TK)		1,635															
(F/C)		1,134															
(L/C)		501															
E.Operation&Maintenance	*																
1).O & M Work	1	2,719							17	29	29	28	28	28	28	64	64
2).Replacement Cost	1	2,561															
Sub-Total : (x10 <sup>6</sup> TK)	*	5,280							17	29	29	28	28	28	28	64	64
(F/C)																	
(L/C)																	
F.CDST & Tax (L/C)	0	2,674		0	0	0	0	0	0	0	0	0	0	0	0	0	0
G.Total : (x10 <sup>6</sup> TK)		18,296		0	154	156	432	875	878	748	223	720	978	1,103	1,231	740	1,499
(F/C)		9,561															
(L/C)		8,737															

Note: \*Not Included in Total Cost



Disbursement Schedule for Economic Evaluation :DC1-4 (Contd.)

Phase	Unit: Million TK												Remarks									
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25	
<b>Project Area</b>																						
<b>G.Dhaka East</b>																						
<b>1.DC 1-4</b>																						
<b>A.Project Preparation</b>																						
1) Administration	19	23	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	269	
2) Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,050	
3) Compensation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	
4) Land Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>19</b>	<b>23</b>	<b>16</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400</b>	
(F/C)																						
(L/C)																						
<b>B.Flood Mitigation</b>																						
1) Embankment	407	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,659	
2) Flood Wall	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	
3) Sluice Gate	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	406	
4) Related Struc.Etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>462</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,143</b>	
(F/C)																						
(L/C)																						
<b>C.Storm Water Drainage</b>																						
1) Pump Sta.	611	612	655	87	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,853
2) Khal Improve.	110	112	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,005	
3) Bridge,Etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>721</b>	<b>724</b>	<b>717</b>	<b>87</b>	<b>175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,880</b>	
(F/C)																						
(L/C)																						
<b>D.Physical Contingency</b>																						
Sub-Total : (x10 <sup>6</sup> TK)	144	144	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,341	
(F/C)																						
(L/C)																						
<b>E.Operation&amp;Maintenance</b>																						
1) O & M Work	77	90	104	118	123	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	2,719
2) Replacement Cost								534					297				544	727	275	184		2,561
<b>Sub-Total : (x10<sup>6</sup> TK)</b>	<b>77</b>	<b>90</b>	<b>104</b>	<b>118</b>	<b>123</b>	<b>128</b>	<b>128</b>	<b>662</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>425</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>672</b>	<b>855</b>	<b>403</b>	<b>312</b>		<b>5,280</b>
(F/C)																						
(L/C)																						
<b>F.CDST &amp; Tax (L/C)</b>																						
G. Total : (x10 <sup>6</sup> TK)	1,422	981	912	210	298	128	128	662	128	128	128	128	425	128	128	128	672	855	403	312		18,043
(F/C)																						
(L/C)																						

Note: \*:Not included in Total Cost

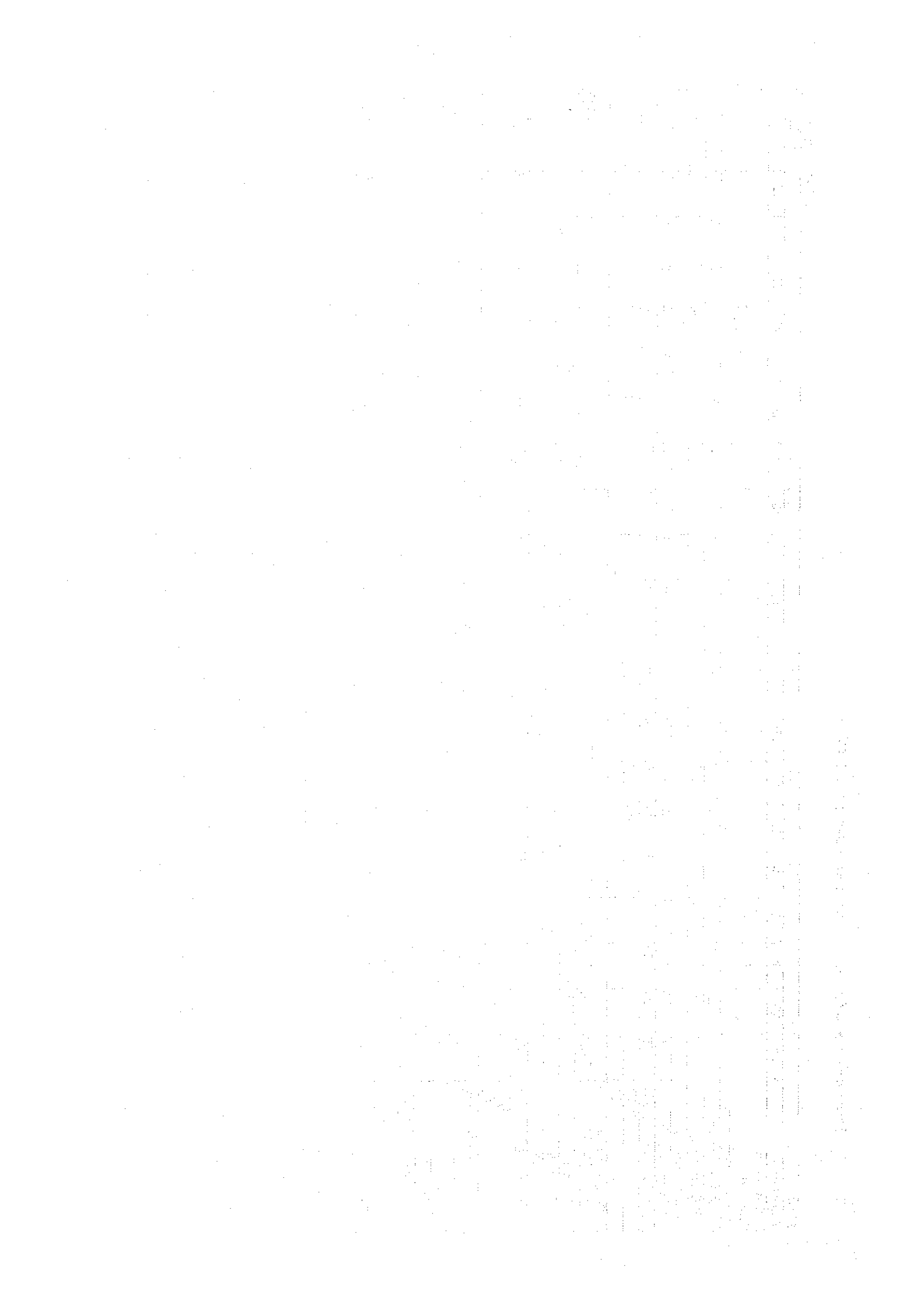


Table 1D6 Disbursement Schedule for Economic Evaluation :DND

Phase Project Area	Coef.	Total Cost		Unit :Million TK																	
		F/C & L/C	%	F/C	L/C	%	'92	'93	'94	'95	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05	
DND																					
A.Project Preparation																					
1).Administration	0.82	80							15	15	15	17									
2).Engineering	0.82	305						250	0	0	0										
3).Compensation	1	62						62													
4).Land Aquisition	0	338						0													
Sub-Total : (x10 <sup>6</sup> TK)		785						327	15	15	17										
(F/C)		200																			
(L/C)		585																			
B.Flood Mitigation																					
1).Embankment	0.898	0																			
2).Flood Wall Works	0.852	50						21	21												
3).Sluice Gate	0.972	62						30	30												
4).Related.Struc.Etc	0.852	3						1	2												
Sub-Total : (x10 <sup>6</sup> TK)		114						52	53	0	0	0	0	0	0	0	0	0	0	0	0
(F/C)		82																			
(L/C)		32																			
C.Storm Water Drainage																					
1).Pump Sta.	0.951	1,363						375	375	377											
2).Khal Improve.	0.88	1,059						311	311	311											
3).Bridge,Etc	0.852	119						33	33	35											
Sub-Total : (x10 <sup>6</sup> TK)		2,542						719	719	722	0	0	0	0	0	0	0	0	0	0	0
(F/C)		1,660																			
(L/C)		882																			
D.Physical Contingency		398						108	108	110											
Sub-Total : (x10 <sup>6</sup> TK)	0.82	398																			
(F/C)		261																			
(L/C)		137																			
E.Operation & Maintenance	*																				
1).O & M Work	1	737									14	25	25	25	25	25	25	25	25	25	25
2).Replacement Cost	1	949																			
Sub-Total : (x10 <sup>6</sup> TK)	*	1,686						0	0	0	14	25	25	25	25	25	25	25	25	25	25
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)	0	755						0	0	0	0	0	0	0	0	0	0	0	0	0	0
G.Total : (x10 <sup>6</sup> TK)		4,594						327	894	895	863	25	25	25	25	25	25	25	25	25	25
(F/C)		2,203																			
(L/C)		2,391																			





Disbursement Schedule for Economic Evaluation :DND (Contd.)

Phase	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
Project Area G.Dhaka East																					
DND																					
A.Project Preparation																					
1) Administration		4																			66
2) Engineering																					250
3) Compensation																					62
4) Land Aquisition																					0
Sub-Total : (x10 <sup>6</sup> TK)	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	378
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1) Embankment																					0
2) Flood Wall Works																					43
3) Sluice Gate																					60
4) Related Struc.Etc																					3
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1) Pump Sta.			170																		1,296
2) Khal Improve.																					932
3) Bridge.Etc																					101
Sub-Total : (x10 <sup>6</sup> TK)	0	0	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,330
(F/C)																					
(L/C)																					
D.Physical Contingency																					326
Sub-Total : (x10 <sup>6</sup> TK)																					
(F/C)																					
(L/C)																					
E.Operation&Maintenance																					
1) O & M Work	24	24	24	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	737
2) Replacement Cost																					949
Sub-Total : (x10 <sup>6</sup> TK)	24	24	24	28	28	28	28	28	28	28	28	28	28	28	28	28	28	207	179	28	1,886
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)																					0
G. Total : (x10 <sup>6</sup> TK)	24	28	194	28	28	28	28	28	28	28	28	28	28	28	28	28	28	207	28	28	4,825
(F/C)																					
(L/C)																					

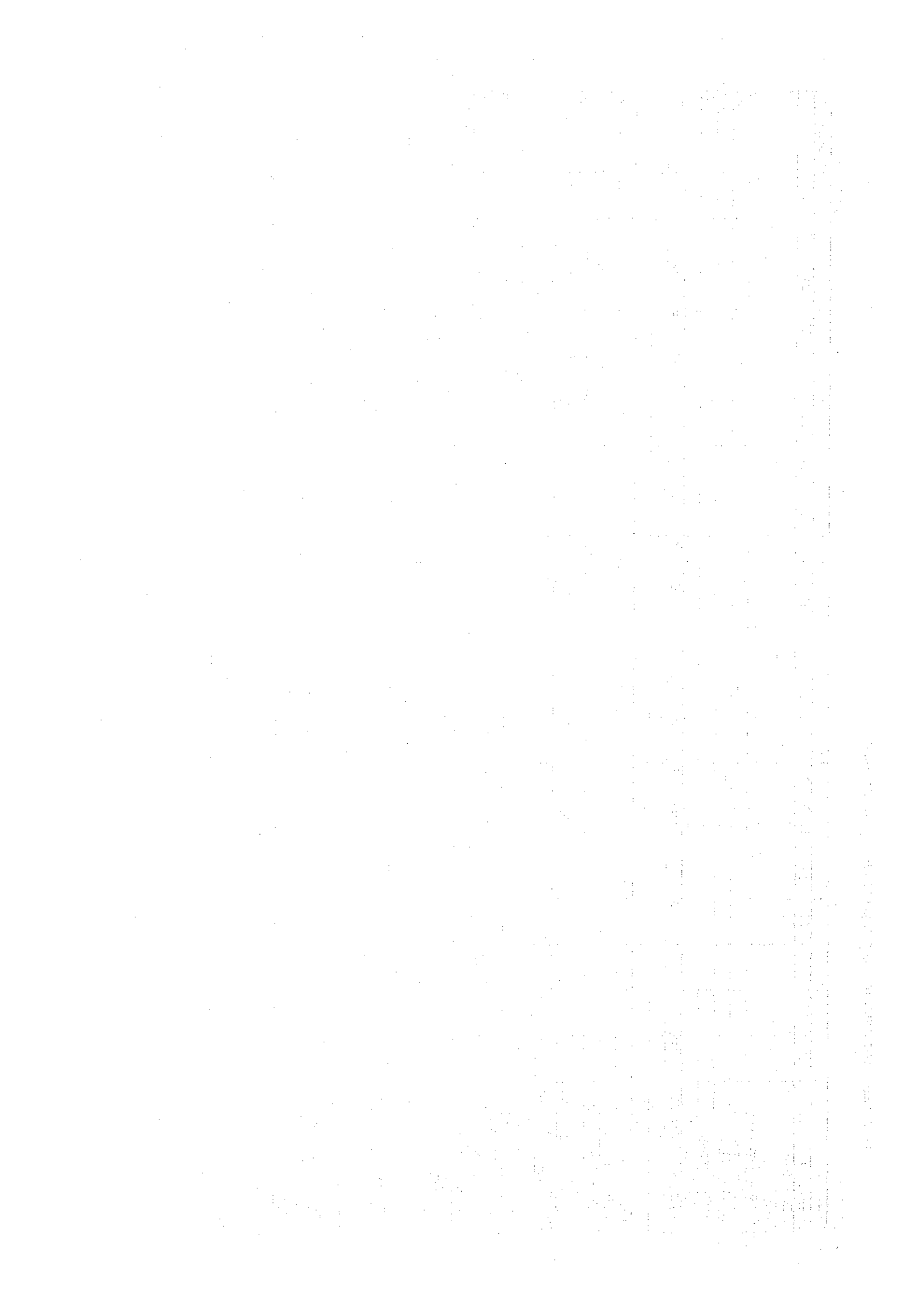


Table I D7 Disbursement Schedule for Economic Evaluation :N.WEST

Phase	Coef.	Total Cost													
		F/C & L/C	F/C L/C	%	%	'96	'97	'98	'99	2,000	'01	'02	'03	'04	'05
<b>G.Dhaka East</b>															
<b>N.WEST</b>															
<b>A.Project Preparation</b>															
1) Administration	0.82	62			8	8	8	8	8	8	8	10			
2) Engineering	0.82	236			194										
3) Compensation	1	166			166										
4) Land Aquisition	0	916			0	0	0	0	0	0	0	0	0	0	0
Sub-Total : (x10 <sup>6</sup> TK)		1,380			368	8	8	8	8	8	8	10	0	0	0
(F/C)		163													
(L/C)		1,217													
<b>B.Flood Mitigation</b>															
1) Embankment	0.898	686				205	205	207							
2) Flood Wall Works	0.852	211				60	60	60							
3) Sluice Gate	0.972	162				52	52	52							
4) Related.Struc.Etc	0.852	1				1	1	1							
Sub-Total : (x10 <sup>6</sup> TK)		1,060			317	317	317	320	0	0	0	0	0	0	0
(F/C)		757													
(L/C)		302													
<b>C.Storm Water Drainage</b>															
1) Pump Sta.	0.951	536				127	127	127	127	127	127	127			
2) Khal Improve.	0.88	439				96	96	96	96	96	99				
3) Bridge.Etc	0.852	19				3	3	3	3	3	6				
Sub-Total : (x10 <sup>6</sup> TK)		994				227	227	227	227	227	232	0	0	0	0
(F/C)		663													
(L/C)		330													
<b>D.Physical Contingency</b>															
Sub-Total : (x10 <sup>6</sup> TK)	0.82	308			50	50	50	50	50	50	52				
(F/C)		213													
(L/C)		94													
<b>E.Operation&amp; Maintenance</b>															
1) O & M Work	1	515							16	16	16	21	21	21	21
2) Replacement Cost	1	328													
Sub-Total : (x10 <sup>6</sup> TK)	*	843							16	16	16	21	21	21	21
(F/C)															
(L/C)															
<b>F.CDST &amp; Tax (L/C)</b>															
Sub-Total : (x10 <sup>6</sup> TK)	0	356			0	0	0	0	0	0	0	0	0	0	0
(F/C)		4,097			0	0	0	0	368	375	602	605	301	310	310
(L/C)		1,797													
Sub-Total : (x10 <sup>6</sup> TK)		2,300													



Disbursement Schedule for Economic Evaluation :N.WEST (Contd.)

Phase	Unit: Million TK												Remarks								
	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17		'18	'19	'20	'21	'22	'23	'24	'25
Project Area																					
G.Dhaka East																					
N.WEST																					
A.Project Preparation																					
1).Administration																					51
2).Engineering																					194
3).Compensation																					166
4).Land Acquisition																					0
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	410
(F/C)																					
(L/C)																					
B.Flood Mitigation																					
1).Embankment																					616
2).Flood Wall Works																					180
3).Sluice Gate																					157
4).Related Struc.Etc																					1
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	954
(F/C)																					
(L/C)																					
C.Storm Water Drainage																					
1).Pump Sta.																					510
2).Khal Improve.																					386
3).Bridge,Etc																					16
Sub-Total : (x10 <sup>6</sup> TK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	912
(F/C)																					
(L/C)																					
D.Physical Contingency																					
Sub-Total : (x10 <sup>6</sup> TK)																					253
(F/C)																					
(L/C)																					
E.Operation&Maintenance																					
1).O & M Work	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	515
2).Replacement Cost																					328
Sub-Total : (x10 <sup>6</sup> TK)	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	843
(F/C)																					
(L/C)																					
F.CDST & Tax (L/C)																					0
G.Total : (x10 <sup>6</sup> TK)	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	3,372
(F/C)																					
(L/C)																					

