TABLE E. 1. 6 - 17 NUMBER OF STRUCTURES IRRIGATION (HARAZ WEST DISTRICT)

		TYPE OF	DROP ST	RUCTURE		
TERTIAL	RY CANAL	A	В	C	D	TOTAL
		(2.0m)	(1.0m)	(0.5m)	(0.25m)	
	1					-
HW1	Ti	6	2]	3	11
	T2	7		1	1	9
	T3	8	1	4	5	18
	T4	8			3	13
	Total	29	5	5	12	51
HW2A	Ti		<u> </u>	1	1	2
	T2	2	1	1	2	6
	T3	3	3	$\frac{1}{1}$	3	10
	T4	$-\frac{3}{7}$		2	4	13
	T4'		2	2	· · · · · · · · · · · · · · · · · · ·	4
	T5	2	2	2	1	7
	Total	14	8	9	11	42
HW2B	T1	7	2	6	3	18
11 11 64 1.5	T2	3	2	2	3	10
•	T3	5	3	4	2	14
	T4	1	2	$\frac{4}{2}$	2	$-\frac{14}{7}$
	75	1		2	4	7
	Total	17	9	16	14	56
HW3	T1	$\frac{11}{7}$	3	2	2	14
11110	T2/UNIT					14
	T3, T4	8	2	3	4	15
	T3, T4	$\frac{3}{7}$	2	3	2	14
	T5/UNIT		<u> </u>	- 3		14
	T6	3	2	2	1	8
	T7/UNIT	<u> </u>			<u> </u>	
	T8	9	4	3	4	20
	T9	2	1	2	1	6
	T10	$\frac{z}{7}$	3	4	<u>-</u> 1	14
٠	T11/UNIT		3	4	 	14
	T12	3		3		7
:	T13	3		- 3	1	
			17	22	16	1 00
HW 4	Total T1	44			10	99
HW4	T2	2 2	1	1	1	5
	73		1		1 2	
		8	4	1	3	16
	T4			 	1	1
	T5	1	2	 	1	4
	T5'	1				1
nwr	Total	14	8	3	6	31
H¥5	T1	1			 	1
	T2			 		<u></u>
	T3	2	2	1	$\frac{1}{2}$	6
	T4	 	2	1	2	5
	Total	3	4	2	3	12

HARAZ WEST DISTRICT (2/2)

		TYPE OF DROP STRUCTURE					
TERTIAR	RY CANAL	A	В	C	D	TOTAL	
	-	(2.0m)	(1.0m)	(0.5m)	(0.25m)	·	
HW6	T1	3	3	2	3	11	
	T2		2		1	3	
	T2,T3	4	5	5	3	17	
	Total	7	10	. 7	7	31	
TOTAL	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	128	61	64	69	322	

TABLE E. 1. 6 - 18 NUMBER OF STRUCTURES IRRIGATION (AMOL WEST DISTRICT)

		TYPE OF	DROP ST	RUCTURE		
TERTIAR	RY CANAL	A	В	C	D	TOTAL
<u> </u>		(2.0m)	(1.0m)	(0.5m)	(0.25m)	
AW1	T1					
AH I	T2		2	3	1	6
*.	T3,T4	3	4	1	1	5
	T4			1	1	1
1	Total	3	2	4	3	12
AW2	T1	-	2	3	3	8
1177.44	T2			Ť	2	2
	T3			:	1	1
	Total		2	3	6	11
AWSA	T1			1	1	2
,	T2					
	T2'			1	1	2
	T3				2	2
	T4,T4'				3	3
	T4'				2	2
	Total			2	9	11
AW3B	T1		1	1	2	4
AW4	T1		2	1	- 2	5
	T2	-		3	2	5
	T3					
	T4/UNIT					
	T5			1		1
	T5'					
•	T6					<u> </u>
	T7/UNIT					
	Total		2	5	4	11
AW5	T1/UNIT					
	T2					
	T3			1	2	3
	T4		<u></u>		1	1
	T4'		ļ	<u></u>	1	1
	T5	<u> </u>	2		11	3
	T5'		1	1	2	4
	Total		3	2	7	12
AW6	T1/UNIT			ļ <u>.</u>	ļ	
	T2		1	ļ	1	2
	T3	<u> </u>	2	2	2	6
	T3'	ļ	2		3	5
	T4	ļ ·	2	1	3	6
	Total	<u> </u>	7	3	9	19

	. *								
		AMOL WES	T DISTRI	CT (2/2))				
	**************************************		TYPE OF DROP STRUCTURE						
TERTIAL	RY CANAL	A (2.0m)	B (1.0m)	C (0.5m)	D (0.25m)	TOTAL			
AW7	T1 T2/UNIT	3	3	6	4	16			
	Т3				2	2			
	T4 T5			1		1			
	T6		1	1	1	3			
	T7		1	1	1	3			
	T9		1		1	2			
	T10 T10'		~ 1	1	2	4			
	Total	3	7	10	11	31			
AW8	T1 T2	3		2 1	2	$\frac{7}{1}$			
	Total	3		3	2	8			
AW9	T1 T2	1	1	1		1 2			
	T3	5	.	3	1	9			
AW9A	Total	6	1	4	1	12			
ANDA	T1/UNIT T2/UNIT								
	T3				1	1			
	T4'	1	1			2			
	T4'''	1		1 2	1	2 3			
	T5/UNIT								
	T6 T7				1	1			
	T7'								
	T7''				4	4			
	Total	2	1	3	7	13			
AW9B	T1 T2/UNIT			2	2	4			
	T3				1	1			
	T4/UNIT T5			1		1			
	T6			1		i			
	T7 T8	1 1		1	2	3			
	T9			:					
	T9' T10				1	1			
	T11								
·	Total			5	7	12			
TOTAL		17	26	45	68	156			

TABLE E. 1. 6 - 19 NUMBER OF STRUCTURES IRRIGATION (HARAZ EAST DISTRICT)

۱		:	TYPE OF	DROP ST	RUCTURE	<u> </u>	
ļ	TERTIA	RY CANAL	A	В	C	D	TOTAL
į			(2.0m)	(1.0m)	(0.5m)	(0.25m)	
J							
I	HE1	T1(L)	1	2	1	3	7
Į		T1(R)	10		5	1	16
l		T2	3			1	4
j		T3	2	2		1	5
Į		T4(L)	10	2	4	2	18
Į		T4(R)	5	1	4	3	13
ı		75	5	3	8	2	18
Į		T6	4	3	2	3	12
I		T6(R)	2		3	2	7
l		Total	42.	13	27	18	100
Ì	HE2	Ti	13	1	4	2	20
Į		T2	11	4	6	3	24
İ		T3	9	4	2	5	20
Į		Total	33	9	12	10	64
ĺ	HE3	T1	5	1		1	7
ı		T2	2		1		3
ļ		T3	13	2	3	3	21
Ì		T3'	9	2	2	4	17
ļ		T3''	2	1	1	1	- 5
1		T4	5	5	1	3	14
١	-	T5	8	5	4	4	21
Į		T6		1		1	2
1		T7			1		1
۱		Total	44	17	13	17	91
	HE4	TI	4	3	3	1	11
١		T2	8	2	2	2	14
		T3/UNIT			J		
		T4	1	1	2	1	5
Į		T5	2	2	3	5	12
		T5'				2	2
Į		Total	15	8	10	11	44
I	HE5	T1/UNIT					
ļ		T2		1	2	3	6
١		Total		1	2	3	6
	HE5A	T1		2	2	1	6 5
		T2		2	1	2	5
ļ		T3/UNIT				1	
Ì		T4			1		1
		Total		4.	4	3	11

HARAZ EAST DISTRICT (2/2)

		TYPE OF	DROP ST	RUCTURE		
TERTIA	RY CANAL	A	В	C	D	TOTAL
			(1.0m)	(0.5m)	(0.25m)	
						1 . 1.
HE5B	T1	1		1		2
	-T1'	1	2	2		5
	T2	1		1	1	3
	T3					
	T4/UNIT					
	T5			1	4	5
	T6		1	1	1	3
	T7				2	2
	Total	3	3	6	8	20
					1	
TOTAL		137	55	74	70	336
			:			

TABLE E. 1. 6 - 20 NUMBER OF STRUCTURES IRRIGATION (AMOLEAST DISTRICT)

TYPE OF DROP STRUCTURE								
TEDTIAL	RY CANAL				<u> </u>	momit		
ICKITAL	CI CANAL	(0,0.)	B	C	D (0.05.)	TOTAL		
 		(2.0m)	(1.00)	(0.5m)	(U.Z5m)			
AE1	T1	o				10		
H MEI	T2	<u>6</u> 5		3	1	10		
	Total	11	1	6	1	9		
AE2	T1	11	1	0	11_	19 1		
N 11/2	T2		1	1		2		
	T3	1	<u>_</u>	2	1	4		
	Total	2	1	3	1	7		
AE3A	T1	<u> </u>		<u> </u>	<u> </u>	·············		
, KLOK	T2/UNIT				 			
	T3/UNIT	<u> </u>						
İ	T4				3	3		
	T4'				1	1		
	T5/UNIT			[<u></u>				
	Total				4	4		
AE3Aa	T7	-			1	1		
}	T8			1	3	4		
	T9 #1				1	1		
1	T9'				 -			
	Total			1	5	6		
AE3B	T1/UNIT							
1	T2(L)			1	2	3		
	T2(R)				1	1		
1	Total			1	3	4		
AE3Ab	T10/UNIT							
	T11/UNIT							
	T12/UNIT							
	T13				1	1		
	Total				1	1		
AE3C	T1			1		1		
	T2					1		
	Total	1		1		2		
AE4A	Ti	1	3	4	2	10		
AE4B	T1			1		1		
	T2				l	1		
1	T3/UNIT							
	T4			1	1	2		
	T4'			1		1		
	15				2	2		
1	T5'							
	<u>T6</u>							
	T7	·				<u>.</u>		
	Total	-		3	4	7		

AMOL EAST DISTRICT (2/3)

į	TYPE OF DROP STRUCTURE TERTIARY CANAL A B C D TOTAL									
	TERTIAL	RY CANAL	A	В	C	D	TOTAL			
			(2.0m)	(1.0m)	(0.5m)	(0.25m)				
	ADC	701		1 2		1	0			
	AE5	T1 T2			1	2	2 2			
		T3		1		<u> </u>	1			
		T4								
1		T5		1	1	1	3			
		T6			. /	1	1			
. :		Total		2	2	5	9			
	AE6A	T1/UNIT			٠.					
		T2				1	1			
		T3				1.	1			
		T4 T5	-	2		1	1			
	* .	T6		1	<u> </u>	1	1			
i		T6'		1		1	2 1			
		Total	<u></u>	2		5	7			
ļ	AEGB	T1				1	il			
		T2								
l		T3/UNIT								
		T4				1	1			
1		T5/UNIT					1 7			
		T6					1			
	AE7	Total T1/UNIT			1	2	3			
	AEI	T2	· · · · · · · · · · · · · · · · · · ·							
ĺ		T3			:					
		T4								
		T5	<u></u> -			1	1			
		T6			1		1			
		T6'								
		T7								
		Total			1	1	2			
İ	AE8	T1			· 1	1	2			
		T2 T3								
		Total			1	1	2			
	AE9	T1			1					
		T2				1	1			
		T2'				*				
		T3		·						
		T3'				1	1			
		Total				1	1			
	AE10	<u>T1</u>				-				
ĺ		T1'								
	!	T2 T3								
	•	T3'				1	1			
		Total	-			1	1			
	L	IIVai	L	<u></u>	l	<u> </u>				

AMOL EAST DISTRICT (3/3)

:		TYPE OF DROP STRUCTURE						
TERTIAR	Y CANAL	A	В	C	D	TOTAL		
		(2.0m)	(1.0m)	(0.5m)	(0.25m)			
AE11	T1/UNIT					·		
WELL	T2							
	Total							
AE11A	T3							
	T3'				1	1		
	T4							
	T4'							
	75			·				
	Total				1	1		
AE11B	T4		· · · · · · · · · · · · · · · · · · ·					
	T5/UNIT					ļ		
	T6	<u> </u>		1	2	3		
	T9(R)#2		1			1		
•	T9(L)#3	. :	4		2	2		
	T10		1		1	2		
	T11	<u> </u>		1	2	2		
	T12	:		 	1	<u>-</u>		
	Total		2	2	8	12		
	10001		<u> </u>		<u> </u>			
TOTAL		15	11	26	46	98		

TABLE E. 1.6-21 NUMBER OF STRUCTURES IRRIGATION (KARI RUD LEFT AREA)

	TYPE OF DROP STRUCTURE								
TERTIAR	Y CANAL	A	В	С	D	TOTAL			
		(2.0m)	(1.0m)	-	(0.25m)				
					10000				
KL1	T1	16	2	1	1	20			
KL2	TI	9	4	3	2	18			
KL3	11	4	2	2	3	11			
	T2	1	2	3	3	9			
	Т3		1	2	1	4			
	T4		· .	1	1	2			
	T5		1		î	2			
	T6		1	1	5	7			
	Total	5	7	9	14	35			
KL4	T1				1	1			
•	T2		····			-			
1	T3	:			1	1			
	T4		1		2				
	T5		1		1	3 2			
	T6			1	1	2			
	T6'			2	2	4			
	Total		2	3	8	13			
KL5	Ti								
	T2			· · · · · ·					
<i>.</i>	Т3				3	3			
	T4 #1								
	T5								
	T6								
	T6'								
	Total				3	3			
KL6	T1								
KL6A	Ti			1		1			
	Т2				2	2			
	Total			1	2	3			
KL6B	T1				1	1			
	T2 #2				1	1			
	T2 #3				3	3			
	Total				5	. 5			
TOTAL		30	15	17	35	97			
L				,					

TABLE E. 1.6-22 NUMBER OF STRUCTURES IRRIGATION (KARI RUD RIGHT AREA)

		TYPE OF	DROP ST	RUCTURE		
TERTIAR	Y CANAL	A	: B	C	D	TOTAL
		(2.0n)	(1.0m)	(0.5m)	(0.25m)	
						,
KR1		.6	1	4	2	13
KR2		9	1	1	1	12
KR3	T3			1		1
	T4	1				1
	Т5	1	_ 1			2
	T6	1		1	1	3
1	T7			1	1	2
	Total	. 3	1	3	2	9
KR4	Ti	1	1			2
	T2			1	1	2 3
	Т3			1	2	
	T4		1		1	2
	T5		1		2	3
	T6				1	1
	T7				1	1
	T8					
	Т9			1		ī
	Total	1	3	3	8	15
KR5					1	1.
·						
TOTAL	<u> </u>	19	6	11	14	50

TABLE E. 1. 6 - 23 SUMMARY OF NUMBER OF STRUCTURES (DRAINAGE)

	Type of	drop st	ructure			
DISTRICT	A (2.0m)	B (1.0m)	C (0.5m)	D (0.25m)	TOTAL	
Haraz West	118	64	73	134	389	
Amol West	4	28	46	108	186	
Haraz East	50	30	37	79	196	
Amol East	6	12	18	75	111	
KARI RIGHT BANK AREA	38	6	10	18	72	
TOTAL	216	140	184	414	954	

TABLE E. 1. 6 - 24 NUMBER OF STRUCTURE DRAINAGE (HARAZ WEST DISTRICT)

			drop st			
TERTIARY CANAL		A	В	C	D	TOTAL
		(2.0m)	(1.0m)	(0.5m)	(0.25m)	
DHW1	JI					
	J2(L)	12	5	. 2	9	28
	J3(L)	13	3	5	8	29
	J4				<u>`</u>	
	J5(L)	14	3	3	7	27
	Total	39	11	10	24	84
DHW2	10 tu 1					
DH#3						·
DHW4	:	<u> </u>		-	<u> </u>	
DHW5						
DHW6		 				
DHW7	J1(R)	 • • • • • • • • • • • • • • • • • • •			1	i
	J2		2		4	6
	J3		3		7	10
•	Total		5	:	12	17
DHW8	J3(R)	2	2		1	5
	J4(R)	-	1		2	. 3
	J5(L)		1		3	4
	J6(L)	<u> </u>	 		-	
	J7(R)	2		1	<u> </u>	1
	J8(R)	ļ <u>.</u>	ļ		ļ · ·	
	J9(L)	<u> </u>				-
	J10	6	5	6	13	30
	J11	5	3	2		18
	Total	15	12	9		6
DHW9	J5(R)	2	4	6		1.
	J6(R)	1	2	† <u>*</u>	1	
*	J8(R)	† -	<u>_</u>	1		
	J9(R)	-	 	† ····		
	J10(R)	15	3	6	13	3′
	Total	18	9	12		54
DHW10	J3(L)	10	5	5		33
2	J4(R)	4	2	4		10
•	J5(L)	3	1	2		1
	J6(R)	<u>-</u>	1	-	1	
	J9(R)	3	1	2		
	Total	20	8	13		7
DHW11(L)		1	5	6		18

HARAZ WEST DISTRICT (2/2)

			drop st	ructure	 	
TERTIAR	Y CANAL	A	В	C	D	TOTAL
		(2.0m)	(1.0n)	(0.5m)	(0.25m)	
	4, 5,4					
DHW12	J2(L)	6	3	6	1	16
	J3(R)				4	4
	Total	6	3	6	5	20
DHW13(L)	1 :			2	2	4
DHW14	J2	3	2	1	4	10
DHW15(L)			3	5	6	14
DHW16						
DHW17(L)		1		2		3
DHW18(L)		1		1	1	3
DHW19	J1(R)	3	2	3		8
	J2	5	1	2	3	11
	J2'	6	3	1		10
	Total	14	- 6	6	3	29
TOTAL		118	64	73	134	389

TABLE E. 1. 6 - 25 NUMBER OF STRUCTURE DRAINAGE (AMOL WEST DISTRICT)

	·	Type of	drop st	ructure		
TERTIAR	Y CANAL	A	В	C	D	TOTAL
	10 mg/s	(2.0m)	(1.0m)	(0.5m)	(0.25m)	
	*					
DAW1						
DAW2	J3				4	4
	J4		4	1	4	9
	Total		4	1	8	13
DAW3	J6	:	2	1	3	.6
	J7 J8			2	6	8
. !	J10		1	1	6	8
	J11		3	1	4	8
]	J11'(L)			1	2	3
l	Total		6	6	21	33
DAW4	J2(L)			3	4	7
	J3(L)				1	1
	J4(R)			2	3	5
	J6(R)				1	1
)	J7					
	J7'					
	Total	* 1		5	9	14
DAW4A	J2			1	2	3
	J3			1		1
	J4(R)				2	2
	Total			2	4	6
DAW4B	J1		1	1		2
DAW4C	J2					
}	J3				1	1
	Total				1	1
DAW5	J2(R)					
1	J4(R)					
	J5					
V 1 1 1	J6		1	1	4	6
	Total		1	1	4	6
DAW5A	J1(R)				1	1
	J4(R)		1		2	3
1	J5(R)		1			1
	J7		1	2	4	7
1.	J8		3		3	6
1	Total		6	2	10	18

AMOL WEST DISTRICT (2/2)

		Type of	drop st	ructure		
TERTIAR	Y CANAL	A	В	C	D	TOTAL
		(2.0≝)	(1.0m)	(0.5m)	(0.25n)	
	J5			1	2	3
DAW6	J5'			1	1	2
	J6				1	1
	Total		14	2	4	6
DAW6A	J3	1		4	3	8
1	13,	41 11	2	4	3	9
	J12		3	4	10	17
	Total	1	5	12	16	34
	J3(R)		1	2	1	4
DAW6B	J4, J5				2	2
.	J4', J5'			2		2
	Total		1	4	3	8
DAW7	<u> </u>				1	1
DAW8	J3(L)			1.	2	3
	J7	1		1	1	3
	J8		2	3	4	9
	Total	1	2	. 5.	7	15
DAWS				:	2	2
DAW10	J3(L)				2	2
	J6(R)				-1	1
1	J8(R)				1	1
	J9(L)		1		2	3
	J9'(R)			1		1
	J11			1	1	2
	J12	· .	1		5	6
	Total		2	2	12	16
DAW11				<u> </u>		4
DAW12(L)		·			2	2
DAW13		<u> </u>				
DAW14(L)					1	1
DAW15(L)				1		1
DAW16(L)		2		2	3	7
TOTAL		4	28	46	108	186
	· · · · · · · · · · · · · · · · · · ·	•		.40	100	100

TABLE E. 1. 6 - 26 NUMBER OF STRUCTURE DRAINAGE (HARAZ EAST DISTRICT)

		Type of	drop st	ructure		
TERTIAR	Y CANAL	A	В	С	D	TOTAL
		(2.0n)	(1.0m)	_	(0.25m)	
DKL1	· 	3	1	2	2	8
DHEI			^			
DHW2	J1, J2	9	2	2	3	16
DHE3	01,02					10
DHE4	J3, J4	7	3	4	5	19
DHE5	00,04	5	4	2	7	18
DHE6	J2(L)			1	1	2
DILLO	J5(L)			1		
· -	78(F)	3	2	$\frac{1}{1}$	4	
:	Total	3	2	3	d	10
DHE7		3		<u>3</u>	5	13
i nuci	J1(L)		1	1	3	4
	J2(R)	2	1	1		4
	J3(L)	3	2	3		8
	J9	4			4	8
Bure	Total	. 9	4	4	7	24
DHE8	J4(L)	2	1			3
1	J5(L)	4	3	3	10	20
	Total	6	4	3	10	23
DHE9	J3(L)				1	1
1	J10(L)	2	2	1	4	9
	Total	2	2	1	5	10
DHE10	J6(L)	6	. 2	5	6	19
DHE11	J3		1		4	5
	J4			2	2	4
	Total		1	2	6	9
DHE12	J14, J15		2	2	2	6
	J20, J21		2		1	3
. !	J20', J21'(R)	1	1		2
	Total		5	3	3	11
DHE13	J4(R)				4	4
	J7(R)					
	J12, J13			2		2
1	Total			2	4	6
DHE14(R)				1	2	3
DHE15(R)		} ——————			1	Ť
DHE16	J8	 -		 -	3	
DHE17(R)		.		1	2	3 3 1
DHE18(R)				1		1
DHE19	J3, J4				1	1
DHE20	V V V T		· · · · · · · · · · · · · · · · · · ·		1	
D11020	J2			·	1	1
DHE21	J2, J3				3	- 1 2
DHD#1	J5, J6				3	3
	Total			 	7	3 3 7
DHE22	10141			1	 	1
DHE23			<u></u>	1		I
DUES					 	-
i				077	70	100
TOTAL		50	30	37	79	196

TABLE E. 1. 6-27 NUMBER OF STRUCTURE DRAINAGE (AMOL EAST DISTRICT)

		Type of drop structure				
TERTIARY CANAL		A	В	C	D	TOTAL
		(2.0m)	(1.0m)	(0.5m)	(0.25m)	
DAE1(R)		3	1	1		5
DAE2(R)		1.				
DAE3(R)				,	e e	
DAE4(R)		1 1		g - 21 T		
DAE5(R)						14.74
DAE6(R)				1	2	3
DAE7(R)					1	1
DAE8(R)						
DAE9	J5			1	3	4
	J6				3	3
	Total			1	6	7
DAE10		. 5				
DAE11	J5(R)				1	1
	J5'				1	1
	J5''(L)					
÷	J7(L)					
	J10(R)			1	2	3
	J11(R)	1		1	3	5
	J12(L)		1		2	3
	J13(R)		1	2	2	4
	J15		1	1	2	4
	J15'			1 2	4	5
	J16 J16'		1 2		6	Ü
	J16 J17(R)	1	4		2	3
		1 2	5	8	27	42
DAE12	Total J4(L)		υ	0	1	1
UNEIL .	J4(L) J5(R)					1
	J11(R)				2	2
	J12(R)		1			1
	J12'(R)		1			1
	J13(L)		1		2	3
: 1	J14(L)		1	2	3	3 6
	J16, J17				2	2
	J16', J17'				1	1
•	J16', J17' J21(R)	 			1	1
	J23		 		1	
•	J28(R)			1	1	2
	J28'(R)			2	1	1 2 3 23
	Total		3	5	15	23

AMOL EAST DISTRICT (2/2)

		Type of	drop st			
TERTIAR	TERTIARY CANAL		В	С	D	TOTAL
		(2.0m)	(1.0m)	(0.5m)	(0.25m)	
		1				
DAE13	J7(R)				1	1
	J8		. 1		1	2
	J8'				. 2	2
	Total		1		4	5
DAE14	J3(R)					
	J6(L)					
	J9(R)				1	1
	J10(L)		1		1	2
	J12(L)			1.	1	2
	J13(R)		1		1	2,
ļ ·	J13'(L)				1	1
	Total		2	1	5	8
DAE15	J6(L)		····			
	J11(L)				1	1
	J12	1		1	3	5
	Total	1		1	4	6
DAE16	J4(R)	T .			2	2
	J6(L)					,
	J7				1	1
	J7'				1	1
	Total				4	4
DAE17	J5		- ".		2	2
DAE18(L)		T				
DAE19	J3	† · · · · · · · · · · · · · · · · · · ·			1	1
	J3'					
	Total			<u> </u>	1	1
DAE20					3	3
DAE20'						
DAE21(L)				T	1	
DAE22(L)					†	
DAE23(L)		<u> </u>				
DAE24(L)		 		<u> </u>	1	- 1
DAE25(L)		1				
TOTAL	:	6	12	18	75	111

TABLE E. 1. 6 - 28 NUMBER OF STRUCTURE DRAINAGE (KARI RIGHT BANK AREA)

	T				·
	Type of	drop st	ructure	41 444	
TERTIARY CANAL	A	В	C	D	TOTAL
	(2.0n)	(1.0m)	(0.5m)	(0.25m)	
DKR3	15		l	1	17
DKR4	16	.1	1	4	22
DKR9		1	1	2	4
DKR10	5	1		2	8
DKR11			1.	2	3
DKR14'		1		1 1 1	1
DKR14	1	1	1		3
DKR16	1				1
DKR17				1	1
DKR20		1	1	1	3
DKR23			1	1	2
DKR24			1	1	2
DKR25				2	2
DKR26			1	. 1	2
DKR27			1		1
TOTAL	38	6	10	18	72

E. 1. 7 Estimation of Work Quantities

The estimation of work quantities for each facility were made as below.

1. Earth Work of Canals

The estimation of work quantities related to canal earth work was carried out based on the preliminary design drawings (Profiles and/or Cross Section)

(1) Secondary Canals

For the estimation of whole work quantity of the canal, the following sample routes of the canal were selected by district-wise for irrigation and/or drainage canals in consideration of canal size, shape and functions.

District	Proposed Canal Name	Existing Canal Name
Haraz West	HW 2B	SELEPAT
	HW 3	TAJRUD
Haraz East	HE 3	NIAKI RUD
	HE 4	KATEL KASH
Amol West	AW 5	AHI RUD
	AW 7	ALIRUD
	AW 9A	MOLLA AHI
	DAW 6	TIFENGAH DRAIN
	DAW 10	BIR RUD DRAIN + ZANGY RUD
Amol East	AE 4B	KHOSHKE RUD
	AE 6A	KATEL KASH + MAHLABAN DRAIN

Finally, calculated earth work volumes per km for the canal of each district area was applied to the total work quantities of the same districts.

Earth work volumes of respective sample canals can be calculated from designed cross-sectional drawing with about 500 m interval.

(2) Tertiary Canals

Hydraulic computation to determine the canal section was made for whole proposed tertiary canal systems. In order to simplify the calculation of work volumes, the following typical cross-section was considered.

	Туре	Bottom Width B	Canal Height H
Туре	- a	50 cm	50 cm
"	- b	50	75
"	- c	50	100
1	- i	70 (60~80)	100
11	- i	70 (🥠)	125
"	- k	70 (%)	150
1	-1	70 (*)	200
4.	- r	100 (90~100)	250

Proposed canals can be divided into two category such as newly construction of the canal and partially improvement of existing canal. For the purposed of preliminary calculation of earth work volumes, improvement of canal is further classified into two categories such as type A and type B.

The earth work volumes of type A and type B were assumed about 50% and 30% of the volume for newly construction canal.

2. Related Structures

Based on the profile drawings, the related structures, which differ in types and location to each other, are proposed. Volumes and quantities for each different type of structure were calculated based on the typical drawings. The results were shown in the Table of Canal Inventory

3. O/M Road

The construction of O/M roads were proposed based on the following criteria.

(1) Secondary Canals

District	Location	Application
HW, HE, KR	High Land	75% of length of Secondary Canal Length
AW, AE, KL	Middle/Low Land	100% of length of Secondary Canal Length

(2) Tertiary Canals

District	Location	Application
HW, HE, KR	High Land	75% of length of Irrigation Canal Length
AW, AE, KL	Middle/Low Land	100% of length of Irrigation Canal Length

4. Special Consideration

(1) Revetment

When the volumes and quantities of canals were estimated, the revetment related to canals had been taken into consideration.

The volumes of side slope protection for respective canals is considered as follows;

Length L (m)	Height H (m)		
$100\mathrm{m} imes2$	2,50		
$50 \text{ m} \times 2$	2.50		
50 m	1.50		
	L(m) 100 m × 2 50 m × 2		

L: per 1,000 m of Canal Length

APPENDIX E. 2. COST ESTIMATE

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E. 2. 1 Manner of Cost Estimate and Some Considerations

1. Construction Equipment for Earth Works

Earth works covering excavation of main, secondary and tertiary canals as well as land consolidation are implemented by heavy equipment taking limited working periods and quantities of works into consideration. The following are major equipment selected as construction machines regarding soil physical, items of earth works, etc.

Item of Works	Earth Work Material	Construction Equipment				
(1) Canal and Road Works						
1) Excavation	soil, pebbles/rocks	bulldozer, backhoe shovel, ripperdozer				
2) Loading	excavated soils	shoveldozer, backhoeshovel				
3) Hauling	do	dump truck				
4) Banking	do	bulldozer, motorgrader tyreroller, bulldozer				
5) Compaction	base course					
	subgrade course	vibrating, or roadroller				
(2) Land Consolidation Work	as :					
1) Excavation	soil, pebbles/rocks	swamp-bulldozer, backhoe-				
		shovel, ripperdozer				
2) Loading	excavated soils	shoveldozer, backhoeshovel				
3) Hauling	do	dump truck				
4) Banking	do	bulldozer, motorgrader				
5) Compaction	base course	tyreroller, bulldozer				
	subgrade course	vibrating, or roadroller				

Note: vibrating; vibrating roller

2. Working Plan

(1) Earth Work

Earth work was planned based on the following basic concept;

- 1) excavated soil is to be used for filling works at the closest site to the excavation field,
- 2) excavation and filling should be balanced within a working site as much as possible,
- 3) soil physical conditions such as soil stability should be fully regarded,

- 4) in the case filling materials are in short due to unsuitability of excavated soil materials, the gap is to be offset by carrying from a borrowing pit etc.
- 5) soil/mud excavated through the works of pond (abbandans) is to be used for filling in roads etc.
- 6) rock materials for road pavement and stone masonry are to be collected from the Haraz river.

(2) Concrete Works

Appurtenant structures of canals and roads are to be made of reinforced concrete. Concrete is to be mixed in site by portable mixers and placed and tamped manually or by suitable concrete vibrators. Fine and coarse aggregates are prepared from the materials collected from the river bed of the Haraz.

3. Working Days for Construction Works

The number of days interrupting field works due to rainfall or snowfall was estimated from the data on diurnal precipitation for past ten years from 1976 to 1985 in Babolsar, taking full account of soil physical conditions in the Project Area. Working days, or number of available days for construction works was calculated at 21 days per month by deducing it and further subtracting both calendar and national holidays. Average workable days in both annual and monthly basis indicate in the Table E.2.1-1 and E.2.1-2, respectively.

4. Preparatory Working Plan

It is necessary, prior to the initiation of the said works, to provide topographical maps, necessary surveys and detailed designs to plan facilities. The implementation of the project is to be based on the Iranian jurisdictional authorities by the ministries and agencies concerned, but in this project the provision is mainly shared by the MOE that is responsible for the construction of major facilities, and MOA that is engaged in the consolidation of terminal facilities.

As shown in Table E.2. 1 - 3, it is required to provide topographical maps encompassing the entire area overlapping the implementation of the land consolidation plan, and the detailed maps with a smaller scale for the terminal consolidation, land surveys needed for designing head works and canal facilities and various geological investigations.

In parallel with these, the consultations for implementation planning including the provision of the detailed survey for the facilities concerned and their tender documents, the implementation plans for replotting with the related beneficiary farmers with the terminal consolidation programs.

It is considered indispensable among Iranian government authorities to clear the necessary adjustment for materializing the project implementation, as well as consultations and the necessary arrangement of laws and regulations concerned.

TABLE E. 2. 1-1 ANNUAL WORKABLE DAYS

Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm		· .	 Julius (1		: 1	otal Ra	iny Day					
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10			197	5/1976-						6/1977-		
Nov. 25	Rainfall	0~5mm	~10mm	\sim 30 pm	~50mm	50mm~	Rainfall	$0\sim5$ mm	~10mm	~ 30 mm	~ 50mm	50mm ~
Dec. 24 5 2 -	Nov.	25										-
Jan. 29									· - ·	4	1	
Feb. 20 4 5					-				4	5	2	_
Har		4.7	4						· 1	1	-	_
Total 125 14 11 2 0 Total 129 6 13 3 0 0 1977/1978			3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· _					ī		_
Rainfall 0~5mm ~10mm ~30mm ~50mm Somm ~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm ~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm ~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm ~ Somm and the second second				. 2	ก			. 6		3	: (1	
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm Nov. 28 -	10141					-						
Nov. 28	Rainfall	0 ~ 5mm					Rainfall	0~5mm				50mm ~
Dec. 23 6	Nov.		-		_	_ '				4	1	. 3
Jan. 28 1 2 Jan. 27 2 2 Jan. 27 1 4 3 Jan. 28 1 2 Jan. 27 2 2 Jan. 27 2 2 Jan. 28 3 2 3 Feb. 21 4 3 Jan. 28 1 2 Jan. 28 1 2 Jan. 28 1 2 Jan. 28 1 2 Jan. 29 1 1 1 - Jan. 28 1 2 Jan. 28 1 2 Jan. 28 1 2 Jan. 28 1 2 Jan. 28 1 2 Jan. 28 2 1 Jan. 28 2 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 1 Jan. 28 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Dec.	23	6	1	1	_	Dec.		1	3	<u> </u>	:
Feb. 23 2 3 -	_	28	1	2 .					2	2	_	٠ 🚣
Har. 28									4			
Total 130 9 9 3 0 Total 124 10 14 1 20 18 1					_	-			1	. 2		·
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10			9		3	n			1		. 1	. 2
Rainfall 0~5mm ~30mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 50mm 50mm 50mm 50mm 50mm												
Nov. 27	Rainfall	0~5mm				50mm∼	Rainfall	0~5mm				50 mm ~
Dec. 25 2 2 1 1 Dec. 24 - 7						_						
Jan. 25 1 5 Jan. 28 - 1 2 - Feb. 21 3 4 Feb. 24 1 4 Mar. 28 2 1 Mar. 26 2 3 1981/1982 1981/1982 1981/1982 1981/1982 1981/1982 1981/1982 1981/1982 1981/1982 1981/1982 1981/1982 1981/1982 1981/1983 - 1982/1983 1982/1984 1982/1985 Feb. 27 1 1982/1985 Feb. 27 1 1982/1985 Feb. 27 1 1982/1985 - 1982/1985 1982/1985 1982/1985 1982/1985 1982/198			-		-	1						
Feb. 21 3 4 - Feb. 24 1 4 Har. 28 2 1 Har. 26 2 3 Har. 26 2 3 Har. 26 2 3 Har. 26 2 3 Har. 26 2 3 Har. 26 2 3 Har. 26 2 3 Har. 26 2 3 1981/1982 1981/1982 1982/1983 1982/1983 Dec. 29 2 Dec. 29 2 Jan. 24 3 3 1 Feb. 20 3 5 Feb. 27 1 Har. 25 2 4 Har. 25 5 1 Har. 25 2 4 Har. 25 2 4 1983/1984 1983/1984 1983/1984 Nav. 19 6 4 1 1984/1985 1983/1984 Nav. 19 6 4 1 1984/1985 1983/1984 Nav. 19 6 4 1 Nav. 19 6 4 1 Nav. 19 6 4 1 Nav. 19 6 4 1 Nav. 19 6 4 1 Nav. 19 6 4 1 Nav. 19 6 4 1 Nav. 19 6 6 4 1 3							_			1	2	
Har. 28 2 1 -			-	- 12					1	ı.	. L	
Total										-	_	
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm ~30mm ~50mm ~30mm				· - •	- 1				-		~ n	
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm Nov. 27 - 2 1 - Nov. 19 4 4 2 1 Dec. 31 Dec. 29 2 Jan. 29 1 1 - Jan. 24 3 3 1 - Feb. 20 3 5 Feb. 27 1 Har. 25 5 1 Mar. 25 2 4 1983/1985 1983/1984 1983/1985 - 1983/1985 -	Ittal		_			_	IUlai				_	U
Nov. 27 - 2 1 - Nov. 19 4 4 2 1 Dec. 31 Dec. 29 2 Jan. 29 1 1 - Jan. 24 3 3 1 - Feb. 20 3 5 - Feb. 27 1 Har. 25 5 1 Har. 25 2 4 Total 132 9 9 1 0 Total 124 12 11 3 1	Dainfall						Doinfoll					
Dec. 31			~ Lonin		~ 30mm	2010111						~ manuc
Jan. 29 1 1 1 Jan. 24 3 3 1 - Feb. 20 3 5 Feb. 27 1			-	2	الم.	· -	_			4	L	. 1
Feb. 20 3 5 -	_		- ,		-	-						
Mar. 25 5 1 - - Har. 25 2 4 - - Total 132 9 9 1 0 Total 124 12 11 3 1					_	-				3	. 1	-
Total 132 9 9 1 0 Total 124 12 11 3 1				_	-	-			-			
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm ~50mm ~10mm ~30mm ~30mm ~50mm ~10mm ~30mm ~30mm ~50mm ~10mm ~30mm			_	_	-	-				-		-
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Nov. 26 1 3 - Nov. 19 6 4 1 - Dec. 26 1 3 - 1 Dec. 25 2 2 2 2 - Jan. 27 1 3 - Jan. 28 2 1 - Feb. 22 6 1 - Feb. 20 4 4 Har. 30 - 1 - Har. 27 2 2 2 - Total 131 9 11 0 1 Total 119 16 13 3 (Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ 1975/76 125 14 11 2 0 1980/81 128 3 18 3. (1976/77 129 6 13 3 0 1981/82 132 9 9 1 (1977/78 130 9 9 3 0 1982/83 124 12 11 3 1978/79 124 10 14 1 2 1983/84 131 9 11 0 1979/80 126 9 13 2 1 1984/85 119 16 13 3 (Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days ~0.5 *1.5 *2.5 *3.5 No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days	Total	132		_			Total	124		7. —	3	1
Nov. 26 1 3 - Nov. 19 6 4 1 - Dec. 26 1 3 - 1 Dec. 25 2 2 2 - Jan. 27 1 3 - Jan. 28 2 1 - Feb. 22 6 1 - Feb. 20 4 4 - Har. 30 - 1 - Har. 27 2 2 - Total 131 9 11 0 1 Total 119 16 13 3 (Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm/ 1975/76 125 14 11 2 0 1980/81 128 3 18 3 (1976/77 129 6 13 3 0 1981/82 132 9 9 1 (1977/78 130 9 9 3 0 1982/83 124 12 11 3 1978/79 124 10 14 1 2 1983/84 131 9 11 0 1979/80 126 9 13 2 1 1984/85 119 16 13 3 (Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days **0.5 *1.5 *2.5 *3.5 No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days										-,		
Dec. 26 1 3 - 1 Dec. 25 2 2 2 - Jan. 27 1 3 Jan. 28 2 1 Feb. 22 6 1 Feb. 20 4 4 Har. 30 - 1 Har. 27 2 2 Total 131 9 11 0 1 Total 119 16 13 3 (Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 1975/76 125 14 11 2 0 1980/81 128 3 18 3. (1976/77 129 6 13 3 0 1981/82 132 9 9 1 (1977/78 130 9 9 3 0 1982/83 124 12 11 3 1978/79 124 10 14 1 2 1983/84 131 9 11 0 1979/80 126 9 13 2 1 1984/85 119 16 13 3 (Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days ***No.5 *1.5 *2.5 *3.5** No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days		0 ∼ 5mm	\sim 10mm	\sim 30 nm	\sim 50 mm	50 mm \sim			~ 10mm	∼ 30mm	\sim 50mm	50mm~
Jan. 27 1 3 Jan. 28 2 1 Feb. 20 4 4 Feb. 20 1 1 Feb. 20 4 4 Feb. 20 1 1 Har. 30 - 1 Har. 27 2 2 Total 131 9 11 0 1 Total 119 16 13 3 6 1 1975/76 125 14 11 2 0 1980/81 128 3 18 3. 6 1976/77 129 6 13 3 0 1981/82 132 9 9 1 6 1977/78 130 9 9 3 0 1982/83 124 12 11 3 1978/79 124 10 14 1 2 1983/84 131 9 11 0 1979/80 126 9 13 2 1 1984/85 119 16 13 3 6 Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days **No.5 *1.5 *2.5 *3.5* **No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days	Nov.	26	1	3	-	***	Nov.	19	6	4	1	-
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Har. 30 - 1 Mar. 27 2 2 Total 131 9 11 0 1 Total 119 16 13 3 (Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 1975/76 125 14 11 2 0 1980/81 128 3 18 3. (1976/77 129 6 13 3 0 1981/82 132 9 9 1 (1977/78 130 9 9 3 0 1982/83 124 12 11 3 1978/79 124 10 14 1 2 1983/84 131 9 11 0 1979/80 126 9 13 2 1 1984/85 119 16 13 3 (Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days ***********************************	Jan.	27	1	3		•••	Jan.	28	2	1	-	-
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Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 1975/76 125 14 11 2 0 1980/81 128 3 18 3. (1976/77 129 6 13 3 0 1981/82 132 9 9 1 (1977/78 130 9 9 3 0 1982/83 124 12 11 3 1 1978/79 124 10 14 1 2 1983/84 131 9 11 0 1 1979/80 126 9 13 2 1 1984/85 119 16 13 3 (Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days *0.5 *1.5 *2.5 *3.5 No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days	Mar.	30	-	1	'		Mar.	27	2	. 2	· -	-
1975/76	Total	131	. 9	11	0	1	Total	119	16	13	3	0
1975/76	0-2-6-11	0 5	10	00			D. J. C. 11		10		FA	
1976/77 129 6 13 3 0 1981/82 132 9 9 1 6 1977/78 130 9 9 3 0 1982/83 124 12 11 3 1978/79 124 10 14 1 2 1983/84 131 9 11 0 1979/80 126 9 13 2 1 1984/85 119 16 13 3 Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days ***********************************												
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1978/79 124 10 14 1 2 1983/84 131 9 11 0 1979/80 126 9 13 2 1 1984/85 119 16 13 3 (Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days **0.5 *1.5 *2.5 *3.5 No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days												
1979/80 126 9 13 2 1 1984/85 119 16 13 3 (Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days		and the second second			•							1
Total 1,268 97 122 21 5 Total Average 126.8 9.7 12.2 2.1 0.5 151.3 days					_							!
Average 126.8 9.7 12.2 2.1 0.5 151.3 days			-					119	16	13	3	. (
*0.5 *1.5 *2.5 *3.5 No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days												
No Workable Days 0 4.9 18.3 5.3 1.8 30.3 days	Average	126.8					151.3	days				
Days 0 4.9 18.3 5.3 1.8 30.3 days			*0.5	*1.5	*2.5	*3.5						
						•				•		
Workship Dave including Friday	Days	. 0	4.9	18.3	5.3	1.8	30.3	days	•			
	Montestin P		ndive F.	. :			101 ^					

TABLE E. 2. 1-2 MONTHLY WORKABLE DAYS

Rainfall 0~5mm ~ 1075/1976~ Rov. 3						on Friday		otal Ra	T	:	·	
Nov. 3			6/1977-	1970								
Dec. 3	50mm	~ 50mm	~ 30 mm	∼10mm	0 ∼ 5 mm	Rainfall	50mm~	\sim 50mm	~ 30 mm .	\sim 10 mm	$0\sim5$ mm	Rainfall
Jan.	-		-	- .	4			**	. 1		3	
Feb. 3	7	1	_	••	3			-	· -	1	3	Dec.
Mar.	-		- 2	1	-				 .	- 1	4	
Total 17 3 1 0 0 Total 15 1 4 1	-	-	1	-	3		~	-	. . .	1	3	and the second second second
Rainfall 0~5ms		· 	-						~		4	
Rainfall 0~5mm	ا 		-			Total	0		1 7/1978-	4.5	17	Total
Hov. 4						Rainfall	50mm~				0 ~ 5mm	Rainfall
Jan. 4			**							-		Nov.
Feb. 4	_	-	-	-	5	Dec.			_	1	4	Dec.
Feb. 4		_	-	1	3	Jan,	_		_	- :	4	Jan.
Mar. 4	_	_	_	_	4	Feb.	_	-			4	and the second second
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 80mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 80mm 80mm 80mm 80mm 80mm 80mm 80mm			-	_	5	Har.		-	. <u>-</u> '	<u>-</u> .	4	
Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5m	1	-	0 /1001		21		0	-			20	the second of the second of the second
Nov. 4	50mm				0 - Emm	Daineall	50mm -				0 - Emm	Doinfall
Dec. 2	SOBIL	∼ augue	~ JUMM	~ 1000			~ unuc					
Jan. 4	_	_	~ n	_				1		1	_	
Feb. 4	_	_	. J		_					_ 1	· 1	1
Mar. 3 1 0 1 0 Total 17 0 4 0	_	_	- 1	_							4	
Total 17 3 0 1 0 Total 17 0 4 0		<u>.</u>							7		. 4	
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Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm~ Rainfall 0~5mm ~10mm ~30mm ~50mm 50mm 50mm 50mm 750mm 50mm 750mm 50mm			-		1.1	lutai					11	10141
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Dec. 4	i Sunnii	~ SUMM	·~ JUMM				201000~	~ 3000	~ 3000	~ 10111111	_	and the second second
Jan. 4 - 1 Jan. 4	-	-	-	2			-		-			4.5
Feb. 3 - 1 - Feb. 4	_	_	_	_			 .		,	-	-	
Mar. 2 2 0 0 Total 19 2 0 0 Total 17 2 2 0 0 Total 19 2 0 0 Rainfall 0~5mm ~10mm ~30mm ~50mm Somm ~10mm ~30mm ~50mm 8 Nov. 2 - 2 - - 1 - - 1 - - 1 - - 1 - - - 1 - - - 2 - 1 - 1 <td>-</td> <td>**</td> <td>•••</td> <td>-</td> <td>•</td> <td></td> <td></td> <td>-</td> <td>1</td> <td>-</td> <td>_</td> <td>and the second second</td>	-	**	•••	-	•			-	1	-	_	and the second second
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Dec. 4 - 1 - Dec. 2 - 2 - Jan. 4 Jan. 4 Jan. 4 Jan. 4 Jan. 4 Jan. 4 Jan. 4 Jan. 4 Jan. 4 Jan. 4 - Jan	. 20 mil	- 2041111		- 101810			20111111 ~	. ~ OODIII			2.7	
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1975/76		0	5	. 0			0	0	5	0	17	2.00
1975/76	1 50mm	~50mm	~ 30 mm	~ 10mm	0 ~ 5 m is	Rainfall	50 mm ~	~50mm	~ 30 mm	~10mm	0~5mm	Rainfall
1977/78 20 1 0 0 0 1982/83 19 2 0 0 1978/79 21 1 0 0 0 1983/84 17 0 5 0 1979/80 17 3 0 1 0 1984/85 17 0 5 0 Total 177 13 21 2 0 Total Average 17.7 1.3 2.1 0.2 0 21.3 days **0.5 *1.5 *2.5 *3.5** **No Workable**						1980/81	. 0		1		17	
1977/78							- 0	1	4	1	15	
1979/80 17 3 0 1 0 1984/85 17 0 5 0 Total 177 13 21 2 0 Total Average 17.7 1.3 2.1 0.2 0 21.3 days *0.5 *1.5 *2.5 *3.5 No Workable							. 0	0	0	1	20	1977/78
Total 177 13 21 2 0 Total Average 17.7 1.3 2.1 0.2 0 21.3 days *0.5 *1.5 *2.5 *3.5 No Workable		0		0			0-	0	0	1	21	1978/79
Average 17.7 1.3 2.1 0.2 0 21.3 days *0.5 *1.5 *2.5 *3.5 No Workable		0	5	0	17	1984/85	- 0		0	3	17	1979/80
*0.5 *1.5 *2.5 *3.5 No Workable			!			Total	0	2	21	13	177.	Total
*0.5 *1.5 *2.5 *3.5 No Workable					days	21.3					17.7	Average
							*3.5	*2.5	*1.5	*0.5		
Days 0 0.7 3.2 0.5 0 4.4 days					days	4.4	0	0.5	3.2	0.7	e 0	Ho Workabl Days
Workable Days including Friday 121.0 -(21.3-4.4) = 104.1 days			lays	104.1			121.0					

Remark 2006 2005 2004 TABLE E. 2. 1-3 WORKING SCHEDULE OF DETIALED DESIGN OF THE PROJECT 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 - Canal (main, 2nd and 3rd) (1) Aero-photograph/mapping - Ground control survey - For land consolidation - Mapping for 1/10,000 - Main drainage canals Work Description/Item - Main irrigaiton canal (4) Geologic investigation - Mapping for 1/2,000 - For canal structures - For facilities/canals - For major facilities - Haraz West District - Photograph taking - Haraz West District - Haraz West District - Haraz East District - Building/motor pool - Amol West District - Amol East District - Haraz East District - Amol West District - Haraz East District Topographic-survey (1) Amol diversion dam (2) Main canal - Amol West District - Amol East District Secondary/tertiary (4) Land consolidation - Kari Rud related Survey/Investigation - Major facilities (3) Cadastral survey - On-farm level Miscernaneous (5) River training - Babol river Detailed Design - Alesh river (6) O & M road ଷ න 3

E. 2. 2 Cost Estimate and Disbursement Schedule

1. Components of the Project Cost

Project costs consist of the following component such as,

(1) Construction Works

- Storage Dam

Mangol Dam

- Diversion Dam

Haraz D.D., Amol D.D.

- Main Irrigation Canal and Drain

- Secondary Canal

- Tertiary Canal

- Land Consolidation

Including pond improvement, sharrow well

and under drainage

- River Training

Operation and Maintenance Road

- (2) Procurement of Construction Equipment for Land Consolidation
- (3) Survey and Investigation
- (4) Detail Design and Construction Supervision
- (5) Office Building and Motor Pool
- (6) Land Acquisition and Compensation
- (7) Operation and Maintenance Equipment
- (8) Administration Cost
- (9) Physical Contingency
- (10) Price Escalation

The manner of cost estimates for construction works shall be made by multiplying unit costs and work quantities based on preliminary design of the proposed facilities to be newly constructed and or improved. Estimation method for the cost other than the construction work is made based on the proposed working schedule, scale of activities and past experiences.

2. Summary of Respective Costs

The construction costs shall be divided into foreign currency and local currency component, and estimated by each districts and or sub-districts basis. The tentative project implementation plan indicates in the Table E.2.2-1.

Sub-district wise project costs are tabulated in the Table-E.2.2-2 to E.2.2-12.

Cost breakdown in accordance with disbursement schedule is output in the Table E.2.2-13.

3. Preliminary Cost Estimates Other than Construction Work

(1) Procurement of Equipment for Land Consolidation

Required number of equipments to be procured can be estimated as follows;

Equipment	Haraz West	Haraz East	Amol West	Amol East	Total
Sharing of peak year	15%	10%	15%	15%	
- 16 ton SW-Bulldozer		ı		Y The state of the	
Accumulated Units	563	1,243	504	600	
Peak Year Units	85	125	76	90	376
- 0.6 cu.m Backhoe					
Accumulated Units	167	354	147	177	
Peak Year Units	25	36	22	27	110
- 0.3 cu.m Backhoe					
Accumulated Units	90	211	143	168	
Peak Year Units	14	21	22	25	82
- 10 ton Roadroller					
Accumulated Units	309	606	302	369	
Peak Year Units	46	60	45	55	206
- 3.7 m Grader					:
Accumulated Units	247	486	243	296	
Peak Year Units	37	49	37	45	168

Cost for 50% of the above, which consists of 50% rental basis and other 50% contract basis, are estimated as follows:

(Unit: Million Rails)

Mauriana ant	No. of Unit	Foreign C	urrency	Local C	Total	
Equipment	No. of Unit	Unit Cost	Amount	Unit Cost	Amount	Amount
16 ton SW-Bull	188	80	15,040	8	1,504	16,544
0.6 cu.m Backhoe	55	73	4,015	7	385	4,400
0.3 cu.m Backhoe	41	42	1,722	4	164	1,886
10 ton Roadroller	103	43	4,429	4	412	4,841
3.7 m Grader	84	69	5,796	7	588	6,384
Spare Parts	L.S		3,098		247	3,345
Total			34,100		3,300	37,400

(2) Survey and Photo-mapping

1) Areial Photo-mapping

- Condition of the estimate

* Covered area : approx. 1,200 sq.km

* Mapping scale: 1/2,000 for land consolidation works and canal

designing etc.

- Required cost

 $120,000 \text{ ha} \times 80 \text{ } \text{/ha} \times 600 \text{ Rl/\$} = 5,760 \text{ Million Rials (M.R.)}$

2) Canal Alignment Survey

- Main canal : $104 \text{ km} \times 1,200,000 \text{ Rl/km} = 125 \text{ M.R.}$ - Secondary canal : $584 \text{ km} \times 720,000 \text{ Rl/km} = 420 \text{ M.R.}$ - Tertiary canal : $1,200 \text{ km} \times 600,000 \text{ Rl/km} = 720 \text{ M.R.}$ - River and others : $100 \text{ km} \times 1,200,000 \text{ Rl/km} = 120 \text{ M.R.}$ Total 1,385 M.R.

3) Cadastral Survey

- Area to be surveyed : approx. 90,000 ha

- Cost : $90,000 \text{ ha} \times 6,000 \text{ Rl/ha} = 540 \text{ M.R.}$

4) Geological Survey

- Facility to be surveyed: Diversion dam, canals, dikes

- Cost : L.S. approx. 500 M.R.

5) Total Cost Required

(Unit: M.R. = Million Rial)

Item	Total	Foreign Currency	Local Currency
- Aerial photo-mapping	5,760	2,880	2,880
- Canal alignment survey	1,385		1,385
- Cadastral survey	540		540
- Geological survey	500		500
- Miscellaneous	815	•	815
Total	9,000	2,880	6,120

(3) Detailed Design and Construction Supervision

1) Manning Plan

		Foreign C	urrency	Local Cu	rrency	FT 1 1
Item	Quantity	(MM/km	(MM)	(MM/km	(MM)	Total
		or ha)		or ha)		(MM)
A. Detailed Design						
- Main canal	110 km	0.5	55	2.0	220	275
- River training	100 km	0.3	30	1.5	150	180
- Secondary canal	600 km	0.3	180	1.5	900	1,080
- Tertiary canal	1,200 km	0.1	120	0.5	600	720
- Diversion dam. other	1 pl		45	3.0	200	245
<u>Sub-tota</u> l	•		430		2,070	2,500
- Land consolidation			-		-10.12	2,000
Type-A	65,000 ha	0.010	650	0.120	7,800	8,450
$\mathbf{Type} ext{-}\mathbf{B}$	12,000 ha	0.008	96	0.080	960	1,056
Sub-total		-	746		8,760	9,506
 Tender document 	1 LS		34		70	104
<u>Total</u>			1,210		10,900	12,110
B. Construction Supervision						
B, 1 MOE		. 1	36		70	100
- Diversion dam	3 year		160		72 480	108
- Main Second canal	10 /		240		1,080	640
- Tertiary canal	10 %		24		248	$\frac{1,320}{272}$
- River training etc.	5 /		460		1,880	2,340
Sub-total			200		1,000	4,340
B. 2 MOA	•			٠		
 Land consolidation 	10 🦑		240		. 540	780
 Institutional support 	10 🥠		60	For Table	480	540
 Finance/cost recovery 	. 10 🥠		30		480	510
Sub-total			<u>330</u>	•	<u>1,500</u>	1,830
<u>Total</u>			<u>790</u>	.:	3,380	<u>4,170</u>
Grand Total			2,000	4.°	14,280	16,280

2) Required Cost

Ministry	Foreign	Consultant	Iranian	Consultant	T	otal
Williably	(MM)	(Amount)	(MM)	(Amount)	(MM)	(Amount)
- Ministry of Energy					*************************************	**************************************
Detailed Design	430	4,300	2,070	4.140	2,500	8,440
Construction S.V.	460	4,600	1,880	3,760	2.340	8,360
<u>Total</u>	<u>890</u>	<u>8,900</u>	3,950	7,900	<u>4,840</u>	<u> 16,800</u>
- Ministry of Agriculture						•
Detailed Design	780	7.800	8,830	17.660	9,610	25,460
Construction S.V.	790	7,900	3,380	6,760	4,170	14,660
<u>Total</u>	1.570	<u>15,700</u>	12,210	24,420	<u>13,780</u>	40,120
Grand Total	2,460	24,600	16,160	32,320	18,620	56,920

(4) Office Building and Motor Pool

1) Office

Ministry of Energy	$500\mathrm{sq.m}$	
Ministry of Agriculture	$500\mathrm{sq.m}$	
NT. 4		7

District office $800 \text{ sq.m} = 200 \text{ sq.m} \times 4 \text{ units}$

2) Motor Pool

Land space : 5 ha

Workshop : $20 \text{ m} \times 100 \text{ m} \times 2 = 4,000 \text{ sq.m}$ Warehouse : $20 \text{ m} \times 40 \text{ m} \times 2 = 1,600 \text{ sq.m}$ Dormitory : $10 \text{ m} \times 40 \text{ m} = 400 \text{ sq.m}$

3) Required Cost

-	Office (A)	•	1,000	$sq.m \times 1$	100,000	R/sq.m =	100	M.R.
-	Office (B)	:	800	$x_{m.ps}$	80,000	R/sq.m =	64	M.R.
-,	Workshop	:	4,000	$sq.m \times$	60,000	R/sq.m =	240	M.R.
•	Warehouse	:	1,600	\times m.pe	60,000	R/sq.m =	96	M.R
-	Dormitory	:	400	sq.m×	80,000	R/sq.m =	32	M.R.
-	Land space	:6	hax(5	ton/hax	550,000	R/ton) =	165	M.R.
	Total						<u>697</u>	M.R.
-	Equipment	s/r	nateria	als for M	otor Poo	1	303	M.R
	Grand Tota	1			•		1,000	M.R.

(5) Land Acquisition

1) Land Required

Land to be purchased for main, secondary and tertiary canals: 800 ha (20% of 4,000 ha)

Land to be compensated for construction works: $2,000 \text{ km(long)} \times 10 \text{ m (width)} = 2,000 \text{ ha}$

2) Required Cost

- Purchased : $800 \text{ ha} \times 25 \text{ M.R./ha}$ = 10,000 M.R.

- Compensated: $2,000 \text{ ha} \times (5 \text{ ton/ha} \times 550,000 \text{ R/ton}) = 5,500 \text{ M.R.}$

Total cost 15,500 M.R.

6) Equipment for Operation and Maintenance

Equipment	Specification	Unit of 4 District	Unit Cost	Amount
			(M.R.)	(M.R.)
Bulldozer	16 ton swampy type	$4 \times 2 = 8$	80	640
Backhoe	0.35 cu.m	$4 \times 4 = 16$	73	1,168
Grader	3.7 m width	$4 \times 2 = 8$	69	552
Dumptruck	11 ton	$4 \times 4 = 16$	44	704
Dumptruck	4 ton	$4 \times 8 = 32$	16	512
Loader	1.5 cu.m	$4 \times 2 = 8$	52	416
Motorcycle	200 cc	$4\times25=100$	0.5	50
Spareparts		L.S		458
<u>Total</u>				<u>5,000</u>
		·	F.C.	4,500
	· ·	*	L.C.	500

3-7 Administration

5% of construction cost

3-8 Physical Contingency

10% of construction cost

3-9 Price Escalation

Annual escalation rate:

4.8% for foreign currency

15.5% for local currency

TABLE E. 2.2-1 PROJECT IMPLEMENTATION SCHEDULE (1/3)

5 2006						
2005						
2004						
2003						
2002						
2001						
2000						
1999						
1998				28 post (4 22 kg)		
1997						
1996						
1995						in M
1994				leted	leted leted	
1993				Completed	Completed Completed	
Work Description/Item	(A) Construction Works 1. Pre-Construction Stage 1.1. Survey & Investigation - Aero. Photo & Mapping - Ground Survey - Geological Investigation	1.2. F/S & Detailed Design - D.D. of Amol Diversion D D.D. of Main Canals - D.D. of Secondary Canals - D.D. of Tertiary Canals - D.D. of River Trainings - D.D. of L. Consolidation	1.3. Const. of Office/M. Pool - Main Office for MOE/MOA - Motor Pool of Equipment	2. Construction of Facilitiv 2.1. Diversion Dam - Haraz Diversion Dam - Amol Diversion Dam	2.2. Main Canal/Rivers - Haraz West Main Canal - Haraz East Main Canal - Amol West Main Canal - Amol East Main Canal - Kari Rud Main Canal - Amol West Main Drain - Amol East Main Drain - Ferdonkenal Main Drain	3. Haraz West District - Secondary Canal - Tertiary Canal - Land Consolidation

TABLE E.2.2-1 PROJECT IMPLEMENTATION SCHEDULE (2/3)

4		├	ļ		 -								300	. 6
Work Description/Item	1993	3 1994	1 1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2002	2006
4. Haraz East District (I)														
- Secondary Canal						The state of the state of	27 years (1975)	A STATE OF S	A STANDARD					
- Tertairy Canal										0.0000000000000000000000000000000000000				
- Land Consolidation							1000000			2000 0000000000000000000000000000000000				
- Miscellaneous	·-·													
		_	1								1	1		
5. Haraz East District (II)														
- Secondary Canal										-				
- Tertiary Canal	··· • • • • • • • • • • • • • • • • • •					100	25300000						-	
. Land Consolidation				•				-		Activity of the Color	1 (c) (c)			
- Miscellaneous							Control of the Control		STATE OF THE PARTY					
an contraction of the														
6. Haraz East District (III)		···												
- Secondary Canal				-										
- Tartiary Canal						:					-			
Ton 3 Contain		-												
- Land Consolidation														
- Miscellaneous	_		:							A Company of the Comp				
7 Amol West District (1)														
Constant Caral	-									-				
Tourism. Canal		-7-11												
- rerutary canal	+													
Traing Collection									-			4.		
- Miscellaneous			*: -										10 mm	
8 Amol West District (II)		-					-							
.1			: '	:										
Tortions Canal														
Tond Consolidation	- · · · · · · · · · · · · · · · · · · ·		:. 											
			· .											
						•								
9. Amol East District (I)									• • •					
			<u>.</u>			The second second	-	S of State Care of		- Sec. 18	Lating Proper	10.00		***************************************
- Tertiary Canal								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Name of Street, or	N.	Name and Address of			
- Land Consolidation						_84	2000 0000	A STATE OF THE STA	**********	- 2004-000	West of Charge Chara			
- Miscellaneous	: :					RA						400000000000000000000000000000000000000	32000	
		_				1	1		-		-	+		
10.Amol East District (II)						:								
- Secondary Canal					- 	The state of the s		No. of Contract of	The state of the s	To a second				•
- Tertiary Canal	-					100	20000	5 C 360 Sec.		No.				
- Land Consolidation		· ·				.		Name of Street	TOTAL PROPERTY.				200	
- Miscellaneous						<u> </u>			TO COMPANY OF THE PARKS		THE PERSON NAMED IN COLUMN	Constitution of the last		
		-]		1		1	1	1	1	1	1	

TABLE E. 2.2-1 PROJECT IMPLEMENTATION SCHEDULE (3/3)

	Work Description/Item	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	11. Amol East District (III)														
	- Secondary Canal						A STANSON OF THE STAN			No. Neuroland					
	- Tertiary Canal						100 P (500 P)								•
	- Land Consolidation		-					20,000,000,000,000	CONTRACTOR OF THE PARTY OF THE			**************************************	200000000000000000000000000000000000000		000000000000000000000000000000000000000
	- Miscellaneous					- 1,		A 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2000			2000	2000 NO.	Sississis Annual Control	
	(B) Institutional Development									-					
	1. Preparation of Act for Land														
	Consolidation Work		S. 10000000	Delines.											
	2. Campain for:														
	Land Consolidation Work		300 (500.0)	Section of the											÷
-	Livestock Promotion		交換 经 化			The second second	or a starge				•			,	
	3. Establishment of:					:	• .								
	Livestock Breeding Station					S									
	Milk Collecting System					The second second						,			
	4. Establishment of:				10 v		•								
	Land Consolidation Distnict					(A)		Zakiewska			Operation of the contract of t	od dop in some	1		
	Irrigator's Association		200	100000000000000000000000000000000000000											
	Joint Farming District									Ser Service					
•	5. Introduction of:														
٠	Joint Paddy Nusery		0.07 (0.00)		C. S. C. S. C.						*****				
	Paddy/Hay Drying System					100 C					:				
	Farm Mechnizing System			100000000000000000000000000000000000000		. *									

TABLE E. 2. 2-2 PROJECT COST BY SUB - DISTRICT BASIS (WITH MANGOL DAM)

AE-11	70,703	383	3,685	1,730	3,995	35,032	370	387	116,285	4,862	1,363	8,375	130	3,073	750	5,814	11,629	152,281	397,862	550,143
АЕ-П	49.527	268	2,429	2,298	1,014	17,956	259	344	74,095	3,740	819	6,442	100	1,970	450	3,705	7,409	98,730	245,805	344,535
AE-I	39.761	215	2,060	2,678	606	15,299	208	270	61,400	2,992	727	5,154	08	1,700	400	3,070	6,140	81,663	204,561	286,224
AW-II	80.388	435	2,965	5,329	3,734	17,447	888	548	111,735	5,984	1,363	10,307	160	3,245	750	5,586	11,174	150,304	379,590	529,894
AW-I	36 821	200	1,441	1,084	1,781	16,578	407	221	58,533	2,618	819	4,509	. 70	1,798	450	2,927	5,854	77,578	192,233	269,811
HE-III	99 878	395	432	2,829	1,513	13,363	156	148	48,684	2,244	450	3,865	9	1,120	250	2,434	4,868	63,975	168,781	232,756
HE-II	67 210	27.0	1,546	2,112	2,588	23,712	300	351	88,679	4,114	1,000	7,086	110	2,337	550	4,434	8,868	117,178	273,466	390,644
HE-I	0 30 67	070	1.925	9:336	4,403	36,012	387	400	127,399	5,610	1,182	9,663	150	2,877	650	6,370	12,740	166,641	383,488	550,129
МН	600	040	3±0 820	9,910	5,810	32,479	793	367	122,810	5,236	1,363	9,019	140	3,130	750	6,140	12,282	160,870	362,955	523,825
Overall	100 014	4 500	17.303	37,306	25,747	207,878	3,769	3,036	809,620	37,400	980'6	64,420	1,000	21,250	5,000	40,480	80,964	1,069,220	2,908,064	3,977,284
Work Description / Item	1. Construction Cost	1.1 Swinge Dam	1.2 Diversion Dam 1.3 Main Canal/Drain	1 4 Secondary Canal	1.5 Tertiary Canal	1.6 Land Consolidation	1.7 River Training	18.0/M Boad	Sub-Total (1)-	2. Procurement of Equipment	3. Survey & Investigation	4 Design and Supervision	5. Building/Motor Pool	6. Land Acquisition and Compensation	7. O & M Equipment	8. Administration (5 % of 1.)	9. Physical Contigency (10 % of 1.)	. Total (1 ~ 9)	10. Price Escalation	- Total (1 ~ 10) -

Note: HW: Haraz West, HE: Haraz East, AW: Amol West, AE: Amol East

TABLE E. 2. 2-3 PROJECT COST BY SUB - DISTRICT BASIS (WITHOUT MANGOL DAM)

		μW	HE-I	1-2 1-2 1-2 1-3 1-4 1-4 1-4 1-4 1-4 1-4 1-4 1-4 1-4 1-4	HE-III	AW-I	AW-II	A.E1	AE-II	AE-II
1. Construction Cost										
1.1 Storage Dam	0	0	0	0	0	0	0	0	0	0
1.2 Diversion Dam	4,580	948	978	758	395	200	435	215	268	383
1.3 Main Canal/Drain	17,303	820	1,925	1,546	432	1,441	2,965	2,060	2,429	3,685
1.4 Secondary Canal	37,306	9,910	9,336	2,112	2,829	1,084	5,329	2,678	2,298	1,730
1.5 Tertiary Canal	25,747	5,810	4,403	2,586	1,513	1,781	3,734	606	1,014	3,995
1.6 Land Consolidation	207,878	32,479	36,012	23,712	13,363	16,578	17,447	15,299	17,956	35,032
1.7 River Training	3,769	793	387	300	156	407	888	208	259	370
1.8 O/M Road	3,036	367	400	351	148	221	548	270	344	387
- HW Sub · Total (1)	299,619	51,127	53,441	31,367	18,836	21,712	31,347	21,639	24,568	45,582
2. Procurement of Equipment	37,400	5,236	5,610	4,114	2,244	2,618	5,984	2,992	3,740	4,862
3. Survey & Investigation	000'6	1,350	1,170	066	450	810	1,350	720	810	1,350
4. D. Design and Supervision	56,920	7,969	8,538	6,261	3,415	3,984	9,107	4,554	5,692	7,400
5. Building/Motor Pool	1,000	140	150	110	.09	70	160	80	100	130
6. Land Acquisition and Compensation	15,500	2,325	2,015	1,705	775	1,395	2,325	1,240	1,395	2,325
7. O & M Equipment	5,000	750	650	550	250	450	750	400	450	750
8. Administration (5 % of 1.)	14,983	2,557	2,672	1,569	942	1,085	1,568	1,082	1,229	2,279
9. Physical Contigency (10 % of 1.)	29,963	5,113	5,344	3,137	1,883	2,172	3,135	2,164	2,457	4,558
- Total(1~9) -	469,385	76,567	79,590	49,803	28,855	34,296	55,726	34,871	40,441	69,236
10. Price Escalation	1,063,898	146,407	159,924	100,329	78,023	80,610	135,584	83,924	95,514	183,583
- Total $(1 \sim 10)$ -	1,533,283	222,974	239,514	150,132	106,878	114,906	191,310	118,795	135,955	252,819

Note: HW: Haraz West, HE: Haraz East, AW: Amol West, AE: Amol East

TABLE E. 2. 2-4 PROJECT COST OF HARAZ WEST DISTRICT (HW-I)

	147,	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	
Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work			
	(43,010)	(28,673)	(71,683)
1.1 Mangol Dam	0	0	0
1.2 Diversion Dam	379	569	948
1.3 Main Canal	567	253	820
1.4 Secondary Canal	3,913	5,997	9,910
1.5 Tertiary Canal	1,628	4,182	5,810
1.6 Land Consolidation	24,228	8,251	32,479
1.7 River Training	691	102	793
1.8 O & M Road	349	18	367
	(74,765)	(48,045)	(122,810)
Sub-Total	31,755	19,372	51,127
2. Procurement of C. E.	4,774	462	5,236
	(436)	(927)	(1,363)
3. Survey/Investigation	432	918	1,350
	(4,144)	(4,875)	(9,019)
4. Detailed D./Const. Sv.	3,444	4,525	7,969
	(56)	(84)	(140)
5. Building/Motor Pool	56	84	140
	(0)	(3,130)	(3,130)
6. Land Acquisition	0	2,325	2,325
	(675)	(75)	(750)
7. O & M Equipment	675	75	750
	(3,738)	(2,402)	(6,140)
8. Administration	1,588	969	2,557
	(7,477)	(4,805)	(12,282)
9. Physical Contingency	3,176	1,937	5,113
	(96,065)	(64,805)	(160,870)
Total (1 - 9)	45,900	30,667	76,567
	(143,283)	(219,672)	(362,955)
10. Price Escalation	64,731	81,676	146,407
	(239,348)	(284,477)	(523,825)
Total (1 - 10)	110,631	112,343	222,974

TABLE E. 2. 2-5 PROJECT COST OF HARAZ EAST DISTRICT (HE-I)

Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work	· · · · · · · · · · · · · · · · · · ·		
	(44,375)	(29,583)	(73,958)
1.1 Mangol Dam	0	0	0
1.2 Diversion Dam	391	587	978
1.3 Main Canal	906	557	1,463
1.4 Secondary Canal	4,161	5,175	9,336
1.5 Tertiary Canal	1,316	3,087	4,403
1.6 Land Consolidation	25,413	10,599	36,012
1.7 River Training	271	116	387
1.8 O & M Road	380	20	400
	(77,504)	(49,895)	(127,399)
Sub-Total	33,129	20,312	53,441
2. Procurement of C. E.	5,115	495	5,610
	(378)	(804)	(1,182)
3. Survey/Investigation	374	796	1,170
	(4,440)	(5,223)	(9,663)
4. Detailed D./Const. Sv.	3,690	4,848	8,538
	(60)	(90)	(150)
5. Building/Motor Pool	60	90	150
	(0)	(2,877)	(2,877)
6. Land Acquisition	0	2,015	2,015
	(585)	(65)	(650)
7. O & M Equipment	585	65	650
	(3,875)	(2,495)	(6,370)
8. Administration	1,656	1,016	2,672
	(7,750)	(4,990)	(12,740)
9. Physical Contingency	3,313	2,031	5,344
	(99,707)	(66,934)	(166,641)
Total (1 - 9)	47,922	31,668	79,590
	(149,574)	(233,914)	(383,488)
0. Price Escalation	68,486	91,438	159,924
	(249,281)	(300,848)	(550,129)
Total (1 - 10)	116,408	123,106	239,514

TABLE E. 2. 2-6 PROJECT COST OF HARAZ EAST DISTRICT (HE-II)

Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work		· · ·	
	(34,387)	(22,925)	(57,312)
1.1 Mangol Dam	0	0	0
1.2 Diversion Dam	303	455	758
1.3 Main Canal	744	443	1,187
1.4 Secondary Canal	1,076	1,036	2,112
1.5 Tertiary Canal	1,147	1,441	2,588
1.6 Land Consolidation	15,757	7,955	23,712
1.7 River Training	210	90	300
1.8 O & M Road	334	17	351
	(54,184)	(34,495)	(88,679)
Sub-Total	30,080	19,723	49,803
2. Procurement of C. E.	3,751	363	4,114
	(320)	(680)	(1,000)
3. Survey/Investigation	317	673	990
	(3,256)	(3,830)	(7,086)
4. Detailed D./Const. Sy.	2,706	3,555	6,261
	(44)	(66)	(110)
5. Building/Motor Pool	44	66	110
	(0)	(2,337)	(2,337)
6. Land Acquisition	0	1,705	1,705
	(495)	(55)	(550)
7. O & M Equipment	495	55	550
	(2,709)	(1,725)	(4,434)
8. Administration	990	579	1,569
	(5,418)	(3,450)	(8,868)
9. Physical Contingency	1,980	1,157	3,137
	(70,177)	(47,001)	(117,178)
Total (1 - 9)	30,080	19,723	49,803
	(105,691)	(167,775)	(273,466)
10. Price Escalation	42,898	57,431	100,329
	(175,868)	(214,776)	(390,644)
Total (1 - 10)	72,978	77,154	150,132

TABLE E. 2. 2-7 PROJECT COST OF HARAZ EAST DISTRICT (HE-III)

Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work			
	(17,909)	(11,939)	(29,848)
1.1 Mangol Dam	0	0	0
1. 2 Diversion Dam	158	237	395
1.3 Main Canal	92	153	245
1.4 Secondary Canal	1,451	1,378	2,829
1.5 Tertiary Canal	542	971	1,513
1.6 Land Consolidation	8,522	4,841	13,363
1.7 River Training	109	47	156
1.8 O & M Road	141	7	148
	(29,042)	(19,642)	(48,684)
Sub-Total	11,133	7,703	18,836
2. Procurement of C. E.	2,046	198	2,244
	(144)	(306)	(450)
3. Survey/Investigation	144	306	450
	(1,766)	(2,089)	(3,865)
4. Detailed D./Const. Sv.	1,476	1,939	3,415
	(24)	(36)	(60)
5. Building/Motor Pool	24	36	60 .
	(0)	(1,120)	(1,120)
6. Land Acquisition	0	775	775
	(225)	(25)	(250)
7. O & M Equipment	225	25	250
	(1,452)	(982)	(2,434)
8. Administration	557	385	942
	(2,904)	(1,964)	(4,868)
9. Physical Contingency	1,113	770	1,883
	(37,613)	(26,362)	(63,975)
Total (1 - 9)	16,718	12,137	28,855
	(59,564)	(109,127)	(168,781)
10. Price Escalation	26,787	51,236	78,023
	(97,177)	(135,579)	(232,756)
Total (1 - 10)	43,505	63,373	106,878

TABLE E. 2. 2-8 PROJECT COST OF AMOL WEST DISTRICT (AW-I)

Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work		1.1	
	(22,093)	(14,728)	(36,821)
1.1 Mangol Dam	0	0	0
1.2 Diversion Dam	80	120	200
1.3 Main Canal	625	816	1,441
1.4 Secondary Canal	516	568	1,084
1.5 Tertiary Canal	785	996	1,781
1.6 Land Consolidation	11,714	4,864	16,578
1.7 River Training	355	52	407
1.8 O & M Road	210	11	221
	(36,378)	(22,155)	(58,533)
Sub-Total	14,285	7,427	21,712
2. Procurement of C. E.	2,387	231	2,618
	(262)	(557)	(819)
3. Survey/Investigation	259	551	810
	(2,072)	(2,437)	(4,509)
4. Detailed D./Const. Sv.	1,722	2,262	3,984
	(28)	(42)	(70)
5. Building/Motor Pool	28	42	70
	(0)	(1,798)	(1,798)
6. Land Acquisition	0	1,395	1,395
	(405)	(45)	(450)
7. O & M Equipment	405	45	450
	(1,819)	(1,108)	(2,927)
8. Administration	714	371	1,085
	(3,638)	(2,216)	(5,854)
9. Physical Contingency	1,429	743	2,172
	(46,989)	(30,589)	(77,578)
Total (1 - 9)	21,229	13,067	34,296
	(73,259)	(118,974)	(192,233)
10. Price Escalation	32,872	47,738	80,610
	(120,248)	(149,563)	(269,811)
Total (1 - 10)	54,101	60,805	114,906

TABLE E. 2. 2-9 PROJECT COST OF AMOL WEST DISTRICT (AW-II)

	* •		
Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work			
	(48,233)	(32,155)	(80,388)
1.1 Mangol Dam	0	0	0
1.2 Diversion Dam	174	261	435
1.3 Main Canal	1,226	1,739	2,965
1.4 Secondary Canal	2,081	3,248	5,329
1.5 Tertiary Canal	1,637	2,097	3,734
1.6 Land Consolidation	13,501	3,946	17,447
1.7 River Training	775	114	889
1.8 O & M Road	521	27	548
	(68,148)	(43,587)	(111,735)
Sub-Total	19,915	11,432	31,347
2. Procurement of C. E.	5,456	528	5,984
	(436)	(927)	(1,363)
3. Survey/Investigation	432	918	1,350
	(4,736)	(5,571)	(10,307)
4. Detailed D./Const. Sv.	3,936	5,171	9,107
	(64)	(96)	(160)
5. Building/Motor Pool	64	96	160
	(0)	(3,245)	(3,245)
6. Land Acquisition	0	2,325	2,325
	(675)	(75)	(750)
7. O & M Equipment	675	75	750
	(3,407)	(2,179)	(5,586)
8. Administration	996	572	1,568
	(6,815)	(4,359)	(11,174)
9. Physical Contingency	1,992	1,143	3,135
	(89,737)	(60,567)	(150,304)
Total (1 - 9)	33,466	22,260	55,726
	(140,522)	(239,068)	(379,590)
0. Price Escalation	52,279	83,305	135,584
	(230,259)	(299,635)	(529,894)
Total (1 - 10)	85,745	105,565	191,310

TABLE E 2.2-10 PROJECT COST OF AMOL EAST DISTRICT (AE-I)

Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work			
	(23,857)	(15,904)	(39,761)
1.1 Mangol Dam	0	0	0
1.2 Diversion Dam	86	129	215
1.3 Main Canal	794	845	1,639
1.4 Secondary Canal	1,265	1,413	2,678
1.5 Tertiary Canal	331	578	909
1.6 Land Consolidation	10,365	4,934	15,299
1.7 River Training	146	62	208
1.8 O & M Road	257	13	270
	(37,400)	(24,000)	(61,400)
Sub-Total	13,543	8,096	21,639
2. Procurement of C. E.	2,728	264	2,992
	(232)	(495)	(727)
3. Survey/Investigation	230	490	720
	(2,368)	(2,786)	(5,154)
4. Detailed D./Const. Sv.	1,968	2,586	4,554
	(32)	(48)	(80)
5. Building/Motor Pool	32	48	80
	(0)	(1,700)	(1,700)
6. Land Acquisition	0	1,240	1,240
	(360)	(40)	(400)
7. O & M Equipment	360	40	400
	(1,870)	(1,200)	(3,070)
8. Administration	677	405	1,082
	(3,740)	(2,,400)	(6,140)
9. Physical Contingency	1,354	810	2,164
	(48,730)	(32,933)	(81,633)
Total (1 - 9)	20,892	13,979	34,871
	(75,882)	(128,679)	(204,561)
10. Price Escalation	32,242	51,682	83,924
	(124,612)	(161,612)	(286,224)
Total (1 - 10)	53,134	65,661	118,795

TABLE E. 2. 2-11 PROJECT COST OF AMOL EAST DISTRICT (AE-II)

Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work			
	(29,716)	(19,811)	(49,527)
1.1 Mangol Dam	. 0	0	0
1.2 Diversion Dam	107	161	268
1.3 Main Canal	928	1,037	1,965
1.4 Secondary Canal	1,544	754	2,298
1.5 Tertiary Canal	377	637	1,014
1.6 Land Consolidation	12,203	5,753	17,956
1.7 River Training	181	78	259
1.8 O & M Road	327	17	344
	(45,712)	(28,383)	(74,095)
Sub-Total	15,996	8,572	24,568
2. Procurement of C. E.	3,410	330	3,740
	(262)	(557)	(819)
3. Survey/Investigation	259	551	810
	(2,960)	(3,482)	(6,442)
4. Detailed D./Const. Sv.	2,460	3,232	5,692
	(40)	(60)	(100)
5. Building/Motor Pool	40	60	100
	(0)	(1,970)	(1,970)
6. Land Acquisition	0	1,395	1,395
	(405)	(45)	(450)
7. O & M Equipment	405	45	450
	(2,286)	(1,419)	(3,705)
8. Administration	800	429	1,229
	(4,571)	(2,838)	(7,409)
9. Physical Contingency	1,600	857	2,457
	(59,646)	(39,084)	(98,730)
Total (1 - 9)	24,970	15,471	40,441
	(92,828)	(152,977)	(245,805)
0. Price Escalation	38,466	57,048	95,514
	(152,474)	(192,061)	(344,535)
Total (1 - 10)	63,436	72,519	135,955

TABLE E. 2. 2-12 PROJECT COST OF AMOL EAST DISTRICT (AE-III)

Description	Foreign Currency	Local Currency	Total Amount
1. Construction Work	•		
	(42,422)	(28,281)	(70,703)
1.1 Mangol Dam	0	0	0
1. 2 Diversion Dam	153	230	383
1.3 Main Canal	1,421	1,506	2,927
1.4 Secondary Canal	1,090	640	1,730
1.5 Tertiary Canal	2,098	1,897	3,995
1.6 Land Consolidation	21,211	13,821	35,032
1.7 River Training	259	111	370
1.8 O & M Road	368	19	387
	(69,560)	(46,725)	(116,285)
Sub-Total	27,138	18,444	45,582
2. Procurement of C. E.	4,433	429	4,862
	(436)	(927)	(1,363)
3. Survey/Investigation	432	918	1,350
	(3,848)	(4,527)	(8,375)
4. Detailed D./Const. Sv.	3,198	4,202	7,400
	(52)	(78)	(130)
5. Building/Motor Pool	52	78	130
	(0)	(3,073)	(3,073)
6. Land Acquisition	0	2,325	2,325
	(675)	(75)	(750)
7. O & M Equipment	675	75	750
÷.	(3,478)	(2,336)	(5,814)
8. Administration	1,357	922	2,279
	(6,956)	(4,673)	(11,629)
9. Physical Contingency	2,714	1,844	4,558
	(89,438)	(62,843)	(152,281)
Total (1 - 9)	39,999	29,237	69,236
	(140,975)	(256,887)	(397,862)
10. Price Escalation	63,451	120,132	183,583
	(230,413)	(319,730)	(550,143)
Total (1 - 10)	103,450	149,369	252,819

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

	Annual Disbu	rsement Schedule	lule									-		
Work Description/Item	Fin. 7. C. Boo. 8. C.	Total X Million Fin.L.C. Fin Eco.L.C. Eco	ion Bls Fin. Total Eco. Total	# C C C C C C C C C C C C C C C C C C C	C. Fin.	1993 X Million Ris Fin.L.C. Fin.Total Eco.L.C. Sco.Total	s i s i s	т п п п п п п п	1994 x Mi Fin.L.C. Boa.L.C.	4 X Million RIS .C. Fin. Total .C. Eco. Total	7. G. D. H. G. D. D. H. G. D. D. D. D. D. D. D. D. D. D. D. D. D.		1995 X Million Els Fin.L.C. fin.Total Eco.L.C. Eco.Total	ion Ris n.Total
Total (A~1)	636.102 636.119	431.118 352.516	1,069,220		00			4.937	5,532	10,459		2,245	8,263	10,503 8,856
Price Contingency F.C. 4.8 % L.C. 15.5 %	1,028,692 1,021,415	1,879,372	2.908.064		90			5,633	8.524 3.171	14.207	77	2.708 2.708	14.705 11.765	17,413
Grand Total	1,666,794	2,310,490 1,901,513	3,977,284	: :	0	00	00	10.620 6.348	14.056 5.229	24.575 11.577	ক ক	4,953	22.588 13.376	27.921
				! ! !			!				·			
Work Description/Item	## ## ### ### ###	1998 x Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total	98 x Million Ris L.C. Fin. Total L.C. Eco. Total	B 11. P. C.	1997 x Mi Fin.L.C. Eco.L.C.	llion Bls Fin. Total Eco. Total	E G	1998 Fin. F. C. Fin. L. C. Gos. F. C. Eco. L. C.	1996 X Million Rls 7.L.C. Fin.Total	(CC + 나 CC + 나 나 다 하나 나 ! CC + L ! CC + L !	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1999 11.1.2 11.1.2 11.1.0 11.0.0	Hisen Fin. To Eco. To	218 218 128 138 1
. Total (A~I)	11.369 II.369	11.833 9.263	23.202 20.732	20.925	18,113	39,938 35,784	8.8	53.562 47 63.563 38	47,091 110. 38,030 101.	110.65¢ 101.593	77.801	47.512	125,313 117,020	2002
Price Contingency F.C. 4.8% L.C. 15.5%	14.972	24.322	33.617	27.723	43.001	70.724	20 20	88,254 129 88,254 104	129,125 217. 104,280 192.	217.279 192.534	113,208 113,208	150.473	237,415	E 10
Grand Total	25.741 25.741	36.155 28.608	61.0 54.3 54.3 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56	48,648 43,548	51.114 50.135	109.762	131	151.817 176. 151.317 142.	176.216 328. 142.310 294.	328.033 294.127	:31.809 191.309	197.985 163.425	358.954 354.435	4 10 1

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

						. :						į			
Work Description/Item	3-8 1 !	표 대 대 한 - 편 - 편 - 연 - 연 - 연 - 연 - 연 - 연 - 연 - 연 - 연 - 연	2000 × Ki Fin.L.C. Eco.L.C.	00 x Million Rls L.C. Fin.Total L.C. Eco.Total	3.5	85 8 80 8 90 8 90 8	2001 X Mil Fin.L.C. E	Million RIS Fin Total Eco.Total	Fin. F.C.	200 Fin.t	x Killion Ris C. Fin Total C. Eco.Total) 3.2	8 60 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	2003 X Millian Ris Fin. L.C. Fin. Total Eco. L.C. Eco. Total	x Million Ris .C. Fin.Total .C. Eco.Total
Total (A~I).		87.525 87.525	58.304 47.955	145,829		87.312	57.487	144.799	85.785 85.785	35 54.934 35 45.513	4 140.719		83.623 83.623	52.824 43.748	136.447
J. Price Contingency F.C. 4.8 L.C. 15.5	\$6 \$4 21 W	133.470	213.273	346,743 306,837		139,536 139,536	242,879	382,415 340,149	143.676 143.676	76 258.067 76 222.094	7 411.743 4 365.770		146,778 145,778	297.725	444.503
Grand Total		220.995 220.995	271,577	492.572	:	225.848 226,848	300.358 248,395	\$27,214 474,944	229,461	1 323.001 1 267.607	1 552,462 7 497,068		230.40I 230.40I	350.549 290.319	580.950 520.720
	ļ .	 	j 	1 · · · · · · · · · · · · · · · · · · ·	1	f b d d t	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						:		
Mark Description/Item	98	E 20. F. C.	2004 X Million Rli Fin. L.C. Fin. Total Eco. L.C. Eco. Total	04 x Million Rls L.C. Fin.Total L.C. Eco.Total	94	Fin . 6. 6.	2005 X Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	x Million Ris	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	E H	2006 X Million Rls Fin. L. C. Fin. Total				
Jotal (A~I)		59,239 59,239	36.526	95,765 89,709		47.812	30,033 24,593	77.845	5.011 6,011	1 2.728 1 2,573	3 8,739 3 8,584		-		:
J. Price Centingency F.C. 4.8 L.C. 15.5	96 95	108,989 103,978	237,776 198,353	346,745		92,171 92,171	225.812 185,861	317.983	12.144	4 23.690	34.488			4	
Grand Total		158,208 163,217	274.302	442.510 392.040	l j	135,983	255,845 210,354	395.828 350.337	18.155 18.155	5 25.418 5 24.917	3 44.573 7 43.072				

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

			. !							1 1 1 1 1 1 1 1 1		1
Work Description/Item	Fin. F. C.	Total X Killion Rls X Killion Rls Ein.L.C. Eco.To	on Ris Fin.Total Eco.Total	Fin.F.C. Eco.F.C.	1993 K Million RI. Fin.L.C. Fin.Tota. Eco.L.C. Eco.Tota	Ein.F.C.	į	1994 X Million RIS Fin.L.C. Fin.Total Ecc.L.C. Ecc.Total	3-9	Fin.F.C. Eco.F.C.	1995 × Mil Fin.L.C. Fi	Million Rls. Fin. Total
A. Haraz West District			:					*.		•	٠.	
1. I. Storage Dam	43.010	28.673	71.683	٠.								
1.2. Diversion Dam	976	2.5.2 9.6.6.0 9.6.0.0	948			100	379 0	996	ඩ කු ව	4.	٠.	
1.3. Main Canal/Orain	567	253	820 790			001	567 567	253	820 790		•	
1.4. Secondary Canal	3,913	5,957	9.910									
I.S. Tertiary Canal	1,628	4,182	5,810	٠		<i>:</i>						. *
1.6. Land Consolidation	1.628 24.228 24.228	3,011 8,251 7,891	32,479	-								
1.7. River Training	169	102	763									:
1.8. 0/M Road	349	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	367		-						1	
1.9. Miscellaneous	,	3	;									
- HW Sub-Total (I) -	74,765	48,045 38,940	122,810 113.326	96	00		946 387	822 223	1,763	00	90	60
2. Procurement of Equipment	4.774	462	5,236		•							
3. Survey & Investigation	# 964 # 436	927	1,363			. 20	218	464 371	682 50 589	218	464 371	682 589
4. D.D. and Supervision	4.144	4,875 900	9,019 8,019		-				ம	207	244 195	451
5. Building/Matar Paol	មួយ មួយ មួយ មួយ	00 m	140			20	11	13	28 50 24	82 83	9.42 24.22	70 6 2
6. Land Acquisition and Compensation 7. 0 & M Equipment		3,130 2,504 75	3,130 2,504 750	·					50	00	1,565	1.565 1.252
8. Administration (% of 1.) 5 %	3,738	2,402 1,547	6,140	06	0 €	00	47	4 H	ଷ୍ଟେମ ଷ୍ଟେମ	00	00	00
9. Physical Contigency 10 % (% of 1.)		4.805 3.894	12.282	000	000		90 to	82 22	771	00	00	00
- HW · Tatal (1~9) -	95,055 95,629	64,805 52,424	160,870 148,053	0.0	00	00	1.317	1,426	2,743	453	2,315	2,768
10. Price Contingency F.C. 4.8% L.C. 15.5 %	143.283 142,805	219,672 179,131	362,955 321.936	90	Ç Q	00	1. 9.68 8.00	1,902 854	3.348	521 521	3,567	4,088
Total	239,348	284.477	523.825 469.939	00	0 0	00	2,783	3, 328 1, 494	5,091 3,343	974 974	5,882	5,856
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

						:				•				
Work Description/1tem	Fin.	ပုံပုံ	1996 x Mil Fin.L.C. Fi	Million RIS Fin.Total	Fin.F.C.	1997 Fin.L.C. Fin.Total	Million RIS Fin. Total	Fin.F.C. Eco.F.C.	1998 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Million RIS Fin;Total	Fin.F.C.	1999 ** Hillion Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Million Rls Fin.Total Eco.Total	
A. Haraz West District I. Construction Cost I.I. Storage Dam							10	4,301	2,867	7,168 10	4,301	2.867	7,168	1
1.2. Diversion Dam								4.301	2,294	G, 285	4,301	2.284	6, 595	
1.3. Main Canal/Drain												· · · .	٠	
1.4. Secondary Canal	20	783	1,199	1,982 20	783	1,199	1,982 20	783	1,138	1,982 20	783	1,199	1,982	
1.5. Tertiary Canal	15	244	627	871 15	244	627	871 20	328	20 00 00 00 00 00 00 00 00 00 00 00 00 0	1,162.20	326		1,162	
1.6. Land Consolidation	•	t t	704	10	2,423	825 825	3,248 15	3,534	1,238	4.872.15	3 634	1,238	4.872	
1.7. River Training				10	34,4 388 88	807	3,412 79 15	104	15	119 15	104	15.	4,818 113	
1.8. 0/H Road				10	ភូណ្ឌ	4 00	37 15	22	วู เก เ	55 15	222	700	55 55 55 55 55 55 55 55 55 55 55 55 55	: '
1.9. Miscellaneous				. 01	ဂ္ဂဝ	n 0 (3 0 12	% 0 (000	0.15	y o c	000	~ O G	:
- HW Sub-Total (1) -		1.027	1,826	2,853	3,554 3,554	2,683 2,199	6,217 5,753	9,200	6,158 5,048	15,358 14,248	9,200	6,158 5,048	15.358 14.248	
2. Procurement of Equipment	50 2.3	387	231	2,618 50	2,387	231	2,618							
3. Survey & Investigation	,		6	710.7	25,	o PT	210.7					٠.		
4. D.D. and Supervision	10	114	488	902 20	828	975	1,804 20	829	975	1,804 15	622	731	1,353	
5. Building/Motor Pool	° 8	17	, y, g	808 75 75	RN RN RN	08.		829 9	780 1	509	229	gg	1,207	
6. Land Acquisition7. O & H Equipment	20	00	1,565	1,565					. •					
8. Administration (% of 1.) 5 %		13 14	91	142	178	133	8 10 10 10 10 10 10 10 10 10 10 10 10 10	460	308	768	94 60	308	768	
9. Physical Contigency 10 % (% of 1.)	 :	103 103	183	286 242	355 355 355	286 220 220	521 575	920 820	616 505 505	1,536	920	505 505	1,536	
- HW · Total (1~9) -	3,999 3,999	. S 66	4,409	8,408	7,303	4,268	11.571	11,408	8,057 6,585	19,466	11,202	7,813 6,390	19,015 17,592	
<pre>10. Price Contingency F.C. 4.8 % L.C. 15.5 %</pre>	4,824	24	7,846 6,138	12,670 10,962	9,232	8,773 7,182	18,005 16,414	15,115 15,115	19,128 15,633	34,243 30,748	15,553	21,424 17,522	36,977 33,075	4, 4, 1
Total	8,823 8,823		12,255 9,587	21,078	16,535 16,535	13.041 10,676	29, 576 27, 211	26, 524 26, 524	27,185 22,218	53,709 48,742	26,755 26,755	28,237 23,912	55,992	
				-										

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Second S						:			1			; ; ;		ì
1.1. Storage ban 1.5. Storage ban 1.5. Storage ban 1.5. Main Channellan Dot 1.1. Storage ban 1.5. Main Channellan Dot 1.5. Main Channellan Dot 1.5. Main Channellan Channellan 1.5. Main Channellan 1.5.	Work Description/Item		Fin.F.C. Eco.F.C.	Z000 x Mi Fin.L.C. Eco.L.C.	llion Ris Fin. Total	Fin.F.C. Eco.F.C.	Z001 x Hil Fin.L.C. F Eco.L.C. E	,	Fin.F.C. Bco.F.C.	2002 x Mil Fin.L.C. F Eco.L.C. E	. 1	Fin.F.C. Eco.F.C.	2003 X Fin.L.(Eco.L.(Killion C. Fin. To C. Eco. To
1.2 Nain Const/Portin 20 1.892	Hara 1			4,301	10,753 15	60 a 254.50 50 ca	4,301	10,753 15	6,452	4,301	10,753 15	6,452	3,4	뻪펕
1.3.	1.2. Diversion Dam		0,432	1,44	200,0	0,406	5	2	<u>}</u>					
1.6. Terriary Canal 15 244 627 618 6	1.3. Main Canal/Drain													
1.5. Territary Canal 15 244 627 6871 15 244 687	1.4. Secondary Canal	20	783	1,199	1,982				٠					
1.6. Land Consolidation 15 3.524 1.226 4.672 15 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624 1.126 4.612 3.624	1.5. Tertiary Canal	15	242	627		244	627	871			<i>:</i>			
1.7. River Training 15 104 115 119 119 1	1.6. Land Consolidation	15	3,534	1,238		3,634	1,238	4,872 15 4 818	3,634	1,238		3,634	1,238	~ -+
1.6. O/M Road 15 52 5 15 15 15 15 15	1.7. River Training	15	104	121		104	1226	119 15	104	15		104	# 25	·
1.9. Miscellaneous 15	1.8. D/M Road	15		1 1 co n		20.0	ստ		522	ເນ ເນ		52	v, u,	
Procurement of Equipment 5 Building/Motor Pool Land Supervision (% of 1.) 5 % 563 37.383 18.652 19.245 5.104 15.890 10.242 5.557 15.799 10.242 5.207 244 451 5 207 224 200 804 15.890 804 10.242 5.557 15.799 10.242 20.207 244 451 5 207 244 551 5 207 244 551 5 207 244 551 5 207 244 551 5 207 244 521 5 207 241 5 2	1.9. Miscellaneous	15	300	000		300	, 0 0		900	· 🖰 🛱	0 15	0 0	00	
Survey & Investigation D.D.and Supervision 10 414 488 902 10 414 488 902 5 207 244 451 5 207 Building/Hotor Pool Land Acquisition 0 & H Equipment Acquisition 0 & H Equipment (% of 1.) 5 % 563 369 532 52.351 12.473 7.599 20.072 12.323 5.675 17.888 12.323 Frice Contingency Frice Contingency Frice Contingency L.C. 15.5 % 32 37.427 70.244 47.893 19.494 29.154 60.898 22.017 29.129 60.893 20.072 20.175 60.895 20.494 47.893 20.404 47.894 20.404 47.894 20.	- EW Sub-Total (1) -		11,269	7,383	18,652	10.486 10.486	6,184 5,104	16,870	10,242	5,557	15,799	10,242	5,557	
Survey & Investigation 10 414 488 902 10 414 488 902 5 207 244 451 5 207 Building/Motor Pool Land Acquisition and Compensation 414 498 902 10 5 207 244 451 5 207 Land Acquisition and Compensation 0 & M Equipment 50 338 38 376 50 338 Administration (% of 1.) 5 % 563 302 665 524 255 779 512 273 746 512 273 746 512 512 Physical Contigency 10 % 1.127 738 1.865 1,049 510 1.659 11024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 556 1.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 1,024 5.689 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							_							
D.D. and Supervision 10														
Building/Motor Pool Land Acquisition and Compensation and Compensation and Compensation and Compensation and Compensation 0 & H Equipment Administration (% of 1.) 5 % 563 389 832 524 255 779 512 278 790 512 563 302 865 524 255 779 512 233 745 512 Hysical Contigency 10 % 1127 738 1,865 1,049 618 1,667 1,024 455 1,489 1,024 Hysical Contingency 11,127 738 1,845 22.351 12,473 7,599 20,702 12,323 5,675 17,896 12,323 Hyperce Contingency Frice Contingency 12,459 23,233 42,712 19,021 22,895 41,916 19,694 23,564 43,246 20,639 Total Total L.C. 15.5 % 268 37,412 70,244 35,396 65,890 32,017 29,129 61,146 32,962		10	414	488		414	488 390		207	244		207	195	
Land Acquisition O & H Equipment O & H Equipme			r 1	}	.	•	3							
Administration (% of 1.) 5 % 563 369 932 524 309 833 512 278 790 512 512 512 513 745 512 512 513 745 512 513 745 512 513 745 512 513 745 512 513 745 512 513 745 512 513 745 512 513 745 512 513 745 512 745 745 745 745 745 745 745 745 745 745								50	60 63 63 63 63 63		376 50 368	338 338	88	
Physical Contigency 10 % 1,127 738 1,865 1,049 510 1,667 1,024 556 1,580 1,024	Administration (% of 1.)		563	369	233 833 84 84 84 84 84 84 84 84 84 84 84 84 84	524	309 955	833	512		790 745	512 512	233	
F.C. 4.8 % 19,459 23,253 6,976 22.351 12,473 7,599 20,072 12,323 6,673 18,996 12,323 12,323 13,373 7,342 20,715 12,473 6,259 18,732 12,323 5,575 17,898 12,323 12,323 12,459 12,459 13,494 13,459 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,494 13,498 13,101 13,1	Physical Contigency (% of 1.)	× 0	1,127	738 738 605	1,865	1,049	618 510	1,567	1,024		1,580	1,024	556 465	
F.C. 4.8 % 19,459 28,434 47,853 19,021 27,787 46,818 19,694 23,554 43,248 20,639 L.C. 15.5 % 32,632 37,412 70,244 31,494 29,154 60,648 32,017 29,129 61,146 32,962	- HM · Total (1~9) -		13,373 13,373	8,978	22.351 20,715	12,473	7,599	20,072 18,732	12,323	5,673 5,575	18,996	12,323	5,575	
32,632 37,412 70,244 31,494 35,396 65,890 32,017 34,866 66,883 32,832 30,595 63,477 31,494 29,154 60,648 32,017 29,129 61,146		: თ. ის . 94.94	18,459	28,434	47,893	19,021	27,797	46,818 41,916	19,694 19,694	23,554	43,248	20,639	32,563	
	Total		32,832	37,412	70,244	31,494	35,396	66,890	32,017	34,866	66,883 · 61,145	32,962 32,962	39,236 32,780	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Work Description/Item	»• 	Fin.F.C. Eco.F.C.	Fin.L Eco.L	4 x Million Rls .C. Fin. Total % .C. Eco. Total %	Fin.F.C.	Fin. 1	x Million RlsC. Fin.Total	F E E	Fin.F.C.	2006 X F Fin.L.C. Eco.L.C.	2006 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	
A. Haraz West District 1. Construction Cost 1.1. Storage Dam	ឧ	4,301	2,867	7,168 10	4,301	2.867	7,168				· :	
1.2. Diversion Dam 1.3. Main Canal/Drain				٠							* - :	
1.4. Secondary Canal												
1.5. Tertiary Canal									٠			
1.6. Land Consolidation		ě										
1.7. River Training							-					
1.8. 0/M Road												,
1.9. Miscellaneous			:	00			00					
- HW Sub-Total (1) -		4.301	2,867	7,168	4,301	2,867	7,168		00		00	
2. Procurement of Equipment							-	:				
3. Survey & Investigation				٠							٠	
4. D.D.and Supervision		٠,		*								
5. Building/Motor Pool												
 Land Acquisition and Compensation O & M Equipment 										:		
8. Administration (% of 1.) 5	> <	215	143	358	215		358		00	00	0.0	
9. Physical Contigency 10 % (% of 1.)	} <	430	287 229	717 659	430 430	287 229	717 659		000		000	* *•
- HM · Total (1~9) -		4,946	3,287	8,243	4,946	3,297 2,638	8,243	ļ	00	0.0		
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	34 34	8,681 8,681	18,582	27,263	9.038 9.038	21,463 17,173	30,561		00	00	00	
Total	l	13,627	21,879	35,506	14,044 14,044	24,760 19,811	38,804		00	00	0	I #
	; 						-	;	1			

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Work Description/Item	ر ب ند	1 7	ion Ris Rin Hotal	C.	1993 X Milix	Million Ris		1994 x Kil	Million Ris		1995 X	Willion Ris
	Ecc. F. C.	.Bca. 1. C.	Eco.Total	MECC.F.C.	Eco.L.C. Eco.	Total %	Eco. 7. C.	E	co.Total %	Eco. F. C.	Eca. L. C.	Eco.Total
B. Haraz East District(I)											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1. Construction cost		79.583	73 958									
	44.375	23, 567	68.042									-
1.2. Diversion Dam	391	587	978			100	391	587	978	•		
1.3. Main Canal/Brain	908	557	1,463			100	308	55.7	1,453			٠
, Kari Rud M.C.	679 291	175	854 462				678	175	854			
2	251	140	431									
1.4. Secondary Canal	4,101	4,067	8, 335 8, 228									
1.5. Tertiary Canal	1,315	3,087	4,403									
i.6. Land Consolidation	25,413	10.599	36,012									
1.7. River Iraining	27.1	0 0 I	387								٠	
1.8. 0/H Road	380	20 20	368 400	٠								
1.9. Miscellaneous	000	32	412									
- HE- I Sub-Total (1) -	0 77,504	49.855	0 127,359		, 6	0	1,297	1.144	2,441	0		0
	76.886	40.387	117,273	0	0	0	678	175	854	0	0	0
2. Procurement of Equipment	5,115 115 115	495	5.810									
3. Survey & Investigation		908	1,182			96	189	402	591 50	189		591
4. D.D. and Supervision	4.440	5 223	170.1 6.633				163	325	1 1 1 1	222		684 188
5. Building/Notor Pool	0.00	4.178 90 90	. 051 130 130			20	12	e0 -	30 50	30	203	4 157 150
6. Land Acquisition	200	2,877	2.877	:			77	6 1	09 97	200		1,439
And Compensation 7. G & M Equipment	មា មា មា	2.302 65 65	2.302.							=>	10717	1:131
8. Administration (% of 1.) 5%		2,495	5.370	0	0	0 (ម្ដា ម	57	122	0	0	Θ,
9. Physical Contigency 10% (% of 1.)	3.844 7.750 7,559	2,019 4,990 4,039	5,863 12,740 11,728	3 00	500	000	34 130 58	114	4 ነገ ይ 4 ነን	000	000	000
- HE-I· Total (1∼9) -	99,707	56,934 54,088	166.641 153.085	00	00	00	1,693	1,735	3.428 1.520	441	2.147	2.538
		6	000				000					
LC. 15.5 % L.C. 15.5 %	148,794	191,251	340,055	⊃ ©			1.079	718	1.797	5008 8008	2,547	3.13.13.13.13.13.13.13.13.13.13.13.13.13
Total .	249,281 247,791	300,848 245,349	550,129 493,140	00	00	00	3.552 2,061	4.050 1.256	7,602	949	5,455	6,404 5,314

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

The state of the s	*									1			
Work Description/Item	Fin.F.C	1996 x Mi Fin.L.C.	Million Rls Fin.Total Goo.Total	Fin.F.C. Eco.F.C.	1997 x Hil Fin.L.C. Eco.L.C.	Hillion Ris Fin.Total	Fin.F.C. Eco.F.C.	1998 x Mi Fin.L.C. Eco.L.C.	Million Rls . Fin.Total . Eco.Total %	Fin.F.C. Eco.F.C.	1999 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Bco.Total	Million RIS	
B. Haraz East District(I) 1. Construction Cost 1.1. Storage Dam		-	·			10	4.438	2.05 85 85	7.386.10	4 438	9.058	388	
1.2. Diversion Dam			-				4.438	2,367	6,805	4,438	2,367	6,805	
1.3. Main Canal/Drain				•	٠		-						
Kari Rud M.C.			25		4.0 0.0	118 25	52	43	116 25	73	£3	116	
1.4. Secondary Canal	15 624		1,400 15		776	1,400 20	832	1,035	1,867 20	832	1.988 88.88	1,867	
1.5. Tertiary Canal	132	308	441 15	187	610 463	1,234 660 15 531	187	818 883 883	1,645 680 15	832	813 463	1. 845 860 8	5
1.6. Land Consolidation	701		334	-	1,060	3,601 10	2,541	1,060	3,601 15	3,812	1.590	5,402	
1.7. River Training	٠.		01		173	39 10	27.27	21. 21.	39 15	3,812 41	1.488	55. 56.	
1.8. O/M Road			01		<u> </u>	40 10	88	3 62	37 40 15	41 57	ဥက	8 8	
1.9. Miscellaneous			OI	ထ္ထင	ო 🔾 (41 0 10	g င t	ოძ	41 0 15	23	တပ	සු ර	
- HE-I Sub-Total (1) -	758 756	1,085	1,841	3,500	2,356	5,856	8,146 8,146	5,573 4,561	13,719 12,707	9,450 9,450	6,109 5,067	15,559 14,517	
2. Procurement of Equipment	50 2,558	248	2,806 50	2,558	248	2.806				:			
3. Survey & Investigation	000.47		901.2	2,338	861	. 90/ 17							
4. D.D. and Supervision	10 444		966 15	966	783	1,449 20	888	1,045	1,933 15	988	783	1,449	
5. Building/Motor Pool	30 18		2 4 4 3 75 6	3	3	3	8	000	*2/17	000	770	CR7 .	
S. Land Acquisition. and Compensation 7. O & M Equipment	200	1,439	1,439										
8. Administration (% of 1.) 5 %	88 8		800	175	118	293	407	279	988	473	305	778	
9. Physical Contigency 10 % (% of 1.)	85 92 92	109 83	80 185 159	350 350 350	100 236 199	275 586 549	407 815 815	228 557 456	635 1,372 1,271	473 945 945	253 611 507	726 1,556 1,452	
- HE-I · Total (1~9) -	3,890 3,890	3,484	7,374	7,249	3,741	10,990	10,256 10,256	7,454	17,710.	11,534	7,808	19,342	
<pre>10. Price Contingency F.C. 4.8 % L.C. 15.5 %</pre>	4,692	6,200	10,892 9,579	9,164	7,689	16,853 15,567	13,588	17,696 14,437	31,284	16,014	21,410	33,711	. =
Total	8,582 8,582	9,684	18,266	16,413	11,430	27,843 25,931	23,844	25,150 20,518	48,994	27,548 27,548	29,218	55,766	1.
						•	1					1	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Work Description/Item		Fin.F.C.	2000 x Hil Fin.L.C. F	00 x Million Rls L.C. Fin.Total L.C. Bco.Total X	Fin.F.C.	2001 x Mil Fin.L.C. E	Ol x Million RIS L.C. Fin. Total L.C. Eco. Total %	Fin.F.C. Eco.F.C.	2002 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Bco.Total	X Million Ris .C. Fin. Total .C. Boo. Total	Fin. F.C. Eco. F.C.	2003 x-Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	lion Rls in.Total
		1		4 1		4							
B. Haraz East District(I)													
1. Construction Cost	•				6		900.11	9	1 137	11 000		4.485	11 003
1.1. Storage Dam	-	15 6,656 6,655	3,550	11,093 15	5, 55 5, 55 5, 55	3,550	10,206	9 9 9 9 9	3,550	10,206	6,636 6,656	3,550	10,206
1.2. Diversion Dam						-						-	
1.3. Main Canal/Drain								:	٠.				
Kari Rud M.C.	25		4. c	116									
1.4. Secondary Canal	15	5 624		1,400 15	624	776	1,400						
1.5. Tertiary Canal	,	15 197		650 15	197	463	660 15	197	463	680			
1.6. Land Consolidation		15 3,812	1,590	5,402 15	3,812	1,590	5,402 15	3,812	1,590	5,402 10	2.541	1,060	3,540
1.7. River Training		5,012		58 15	417	71	58 15	44	17	58 10	27	12 2	86
1.8. 0/M Road	15		300	80 15 80 15	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 m u	80 80 81	to to	ស្រស	00 00 01 02	; # #	co m	40 41
1.9. Miscellaneous	15		900	20 c	,00	000	0 15	00	, 000	0100	00	00	00
- HK-I Sub·Total (1) -		11,460	7,329	18,789 17,507	11,387	7,286	18,673	10,763	6,510 5,402	17,273 16,165	9,262	5,511	14,773
2. Procurement of Squipment					٠				-				
3. Survey & Investigation									•				
4. D.D.and Supervision	15	5 666	783	1,449 10	444	522	956 5 852	222	261 209	483 431 5	222	261	483 431
5. Building/Motor Pool		8	į	2	:	}	}						
6. Land Acquisition and Compensation 7. 0 & M Equipment										90	293	33	326 319
8. Administration (% of 1.)	₩.	573	366	939 979	00 c	364	833	538 738	326	864	4 63 8 63 8 63	276 228	739 691
 Physical Contigency (% of 1.) 	10 %	1,146 1,146	733 605	1,879	1,139	729 801	1,868	1,076	651 540	1,727	926	551 456	1,477
- RE-I·Total (1~8) -		13,845	9,211	23,056	13,539	8,901	22,440 20,871	12,599	7,748	20,347	11,166	5,481	17,798
10. Price Contingency R.C.	4.8 % 15.5 %	20,146	29,172 24,009	49,318	20,646	32,559 26,820	53,205 47,466	20,135 20,135	32,735 27,128	52,870	18,701	32,363 25,746	51,064
Total		33,991	38,383	72,374 65,581	34,185	41,460	75,645 88,337	32,734	40,483 33,549	73,217	29,867	38,995 32,227	68,862 62,094
	1			· ·							•		!

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

										-	
Work Description/Item	in F	2004 × H Fin.L.C.	Million Rls	Fin.F.C.	2005 x Mil Fin.L.C. F	Million Rls	Fin. F.C.	2006 x Million Rls Fin.L.C. Fin.Total	Fin.F.C.	Total x Million RIS Fin.L.C. Fin.Tot	ion Ris Fin.Total
-	# Eco. F. C.	Eco.L.C.	Eco.Total %		Eco.L.C. E	co.Total %		Eco. L.C. Eco. Total	Eco.F.C.	Eco. E. C.	Eco. Total
B. Haraz East District(I)						· · :			ı		
i. Construction Cost	10 4 438		7 306 10	•	c	6			000	9	6
	4,438	2,367	6,805	4,438	2,367	6,805			44,376	23,568	68,044 88,044
1.2. Diversion Dam									391	587	978
1.3. Main Canal/Drain	٠								908	557	1,453
Kari Rud M.C.									679 292	175	854 464
1.4. Secondary Canal									292	140	432
1.5. Tertiary Canal									4,160	3,087	8,226 4,401
1.5. Land Consclidation	10 2,541		3,601						25,412	2,226	3,540
1.7. River Training	10 27	888	3,540 39				•		25,412 272	9,388 116	35,400 388
1.8. 0/H Road	10 38		40		ŕ	• .•			272 380	2 2 2	372 400
1.9. Miscellaneous	10		140			•			380	ర్ట్ల ర	412
- HE-I Sub·Total (1) -	7.044		0.11,076	4,438	2,958	7,396	. 0	0	77,503	49,893	0 127,396
•	7,044		10,423	4,438	2,367	6,805	o [']		76,885	40,385	117,280
2. Procurement of Equipment									5,116	486	5,612
3. Survey & Investigation					- () - ()	. •			378	804	1,182
4. D.D. and Supervision						. ·			4,440	5,221	1,022
5. Building/Motor Pool									4,440 60	4,180 90	8,620 150
6. Land Acquisition and Compensation									200	2,878	2.878
7. 0 & M Equipment	50 293	88	326				٠		288	66 66	652
8. Administration (% of 1.) 5 %		202	25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5	222	148	370	0.0		3,875	2,495	6,370
9. Physical Contigency 10.% (% of 1.)	704 704	403 338	1,107	444	236 237	740 681	000	900	7,751	4,040 4,040	5,504 12,741 11,729
- HE-I· Total (1~9) -	8,393 8,393	4,670	13,063	5,104	3,402	8,506	00		98,709	66,933 54,101	166,642
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	14,732	26,321 22,049	41.053	9,389 9,389	22,146 17,720	31,535 27,109	00	00	149.500 148,754	233,678	383,178 339,978
Total	23,125	30,991	54,116	14,493	25,548	40,041	00	0 0	249,209	300,611	549,820
							.:				1111111111111

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

1995 x Killion Rls Fin.L.C. Ein.Total Eco.L.C. Eco.Total		0 0	340 500 272 355 192 355 153 316 23 49 1,169 1,169 935 1,169	0000	1,734 2,079	2,672 3,069 2,137 2,534	4,406 5,148
Rin. F. C. F. C. B. C. B. C.		00	160 163 163 22 22 22 0 0	0000	345	397	742 742
Million RIS Fin. Total Eco. Total %	758 1.187 714	1,945	500 50 432 5 22 50 20 50 50	97 355 72	2,759	3.357 I.505	6,116
1994 × Ki Fin.L.C. Eco.L.C.	A A 4.0000000000000000000000000000000000	. 888 146	340 272 272 13 13	45 7 15 15	1.386	1.849	3,235
Fin. F. C.	303 7 4 4 4 56 8	1.047	190 190 8	52 28 105 57	1,373	1,508	2.881
. 3-2	100		20		•	•	,
Million RIS C. Fin. Total C. Eco. Total		00		0000	00	00	DO
1993 x Mi Fin.L.C. Ecc.L.C.		© 0		0000	00	5 0	00
Fin.F.C. Ecc.F.C.		00		0000	0	00	00
9-6					•		
ion Ris Fin.Totai Eco.Totai	57, 75 52, 727 75, 727 75, 728 7, 187 7, 187 7, 188 2, 288 2, 288 23, 294 23, 294 23, 294 359 0	83,579 81,804 4,114 4,041	884 884 6,320 110 2,337 1,870	434 4.030 8.858 8.181	117,178 107,806	273,466	350,644
Total x Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total	22. 18, 340. 240. 455. 10.08. 10.08. 11.44. 11.08. 10.08.	34,495 28,099 363	3, 2830 3,064 3,064 56 53 1,870	1,725 1,405 3,450 2,810	47.001	137,829	214,776 175,008
Fin. F. C.	34, 387 34, 387 303 303 206 226 1, 076 1, 147 1, 14	54, 184 53, 705 3, 751	6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6	2,485 2,685 5,418 5,371	70,177 69,627	105,891 105,086	175,868
Work Description/Item	Haraz East District() 1. Construction Cost 1.1. Storage Dam 1.2. Diversion Dam 1.3. Main Canal/Drain 3. Main Canal/Drain 4. Secondary Canal 1.5. Tertiary Canal 1.6. Land Consolidation 1.7. River Training 1.8. 0/H Road 1.9. Miscellaneous	- HE-II Sub-Total (1) - 2. Procurement of Equipment	3. Survey & Investigation 4. D.D.and Supervision 5. Building/Motor Pool 6. Land Acquisition and Compensation 7. O & M Equipment	8. Administration (% of 1.) 5 % 9. Physical Contigency 10 % (% of 1.)	- HE-II ·Total (1∼9) -	10. Price Contingency F.C. 4.8 % L.C. 15.5 %	Total

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

																1	1200		
Million Ris Fin. Total Eco. Total	5.732		6	422	338 388 388 388 388 388 388 388 388 388	3,557	64 64 64	88.29	, o c	10.288 9.656			1,063		514 482 1,029 966	12,894	22,535	34,587	
1999 × Mil Fin.L.C. F	2,293 1,834	•		82.58 72.58	218 218	1.193	77.	(m ×	roc	3,959			575 460		198 396 333	5,128 4,286	14,061	19,189	
Fin.F.C. Eco.F.C.	3,439		1	57 215	215 172	2,364	\$ 88 8 •	3 G G	300	6,329			488 884 883	. •	316 318 633 633	7,766	10,783 10,783	18.549	
. >*	. 91		Ž,	; 3 8	15	15	5	12	ເນ				្រុ			. 1	: 14		
Million RIS Fin. Total	5,732		ç		388		ខ្លួនន	88 8 88 8		9,069		:	1,417 1	* .	454 423 907 846	11,847	20,790	32,637	
1998 x Mi Fin.L.C. Eco.L.C.	2,293		, ,	27 207	161 216	796	r cn oc) 64 M	900	3,555			766 613		178 147 356 295	4,856	11,528 9,499	16,384	
Fin.F.C. Eco.F.C.	3,438		ŭ	215	215	1,576	22.5	; es e	300	6,513 6,513 6,513			651 651	-	276 276 551 551	6,991 6,991	9,262	16,253 16,253	
. 54	91		15	8 8	35	20	01	g	93				02					'	
Million Rls Fin. Total			8	316	388	2,372	8 8 8	ន្ត	၀ ၀	3,231	2,058	1	1,063 20 948		162 155 323 309	6,837	10,344	17,181	
1997 X Mil Fin.L.C. E	: ·		ç	155 155	121 216	967 885 885		2 69 0	3 CO C	1,211	182		575 460		81 54 121 107	2,150	4,419 3,778	6,569 5,616	
Fin.F.C. Eco.F.C.			Ē	57 161	161 172	1.576	22.5	4 60 6	300	2,020	1,876	2	468 488		101 101 202 202	4,687	5,925	10,612	
**			ų	15 53	13	9	12	10	10		20		ν ο			•	i		
Million Ris					282 259 1	777			-	575 503	2,058 5	1420.43	709 1 632 33 29 1,169	88 88 88 88	25 25 51 51	4,631	6,789	11,420	
1986 x Mi Fin.L.C.				155	121	901				299 227	182		383 306 20 16 169		83118	2,098	3,734	5,832	
Fin.F.C. Eco.F.C.	1:			161	115	113				276 276	1,875) •	326 326 13 0	=	14 14 28 28	2,533	3,055	5,588	
96	1			15	10						20		50 88 B8					1 1	
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															5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		4.8 %		
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/Ite	B S (∷	Dam		Cans	ana	lida	guid		OUS	0	Equi	igat	sion Pool	pens	C C	: €			
tion	rict S B	101	ana.	ary .	ر ک	osuo	Irai	g	lene	Tota	£	vest	ervi tor itio	and Compensation uipment	ion Itiga G	J.	ıgen	-	
crip	Dist ctio orag	vers	ក ភ	Karı Kud M.C. Secondary Car	rtia	ပ်. ဗွ	ver.	. % 	Sce.]	Sub-	nen t	E II	Sup g/Ho guisi	end juipt	trat Cor	ota	ntir	Tota!	
Work Description/Item	z East District(I Construction Cost 1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	Karı Mud M.C. 1.4. Secondary Canal	1.5. Tertiary Canal	1.6. Land Consolidation	1.7. River Iraining	1.3. 0/H Road	1.9. Miscellaneous	- HE-II Sub-Total (1)	Procurement of Equipment	Survey & Investigation	D.D. and Supervision Building/Motor Pool Land Acquisition	end Comp O & M Equipment	Administration (% of 1.) Physical Contigency (% of 1.)	i.	e g		
Kork	82 E Con 1.1		 	1.4	.5	1.6	7.1	.3		铝铝	Pro	Sur	D.D Bui.	e S	8. Administration (% of I. 9. Physical Contigency (% of 1.)	- HE-II·Total (1~9)	10. Price Contingency		
_	C. Haraz East District(II) 1. Construction Cost 1.1. Storage Dam									•	%	ຕ່	4 č. č.	7.	ထိ တ	,	ដ្ឋ		
	lö																	!	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

			. 60			1000			6006			6006	
Work Description/Item		Fin.F.C.	Fin.L.C.	ZUCU X Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total %	Fin.F.C.	zuci x Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Million Ris Fin.Total	Fin.F.C. Eco.F.C.			Fin.F.C. % Eco.F.C.	န်း ဦးဦးဦး	x Million Bls C. Fin. Total C. Eco. Total
1 0											:		
1. Construction Cost 1.1. Storage Dam	÷	15 5,158	3,439	8,597 15	5,158	3,439	8,597 15	5,158	3,439	8,597 15	5,158	3,439	8,597
1.2. Diversion Dam		0770			0,140	101.17	2	3	1		•	1	}
1.3. Main Canal/Drain					4								
Kari Rud M.C.		25 57		06					•				
1.4. Secondary Canal		15 15 161			•	155	316						
1.5. Tertiary Canal		15 172				216	388 15	172	216	388			
1.6. Land Consolidation		15 2,364	1,193	3,557 15	2,364	1,193	3,557 15	2,364	1, 193	3,557 10	1,576	796	2,372
1.7. River Training		15 32			32	401 (1 41 14	46.15	28.	14	46 10		g or or	8 g
1.8. 0/M Road		32 15 50		43 53 15	. •	1 to 4	53 15	202	1 m ←	53 IO 54 IO	33.8	0 64 m	3 33 5
1.9. Miscellaneous	-	15 0	400		٠	*00	4 0 0	300	*00	90 0		000	800
- HE-II Sub-Total (1) -		7,994 7,994	5,05	13,047 12,198	7,937	5,020	12,957	7,776	4,865	12,641	6,788 6,788	4,246	11,034
2. Procurement of Equipment													
3. Survey & Investigation												-	
4. D.D. and Supervision		15 468	575	1,063 10	326	383	709 5	153	202	355 5	163	192	355 316
5. Building/Motor Pool		007			020	2	3	3	2	3			
 Land Acquisition and Compensation O & M Equipment 										50		88	276
	8₹ 1Ω.	400			387	251	648	8	243	632	848 838 838 848 848 848 848 848 848 848	212	270 551 77
9. Physical Contigency (% of 1.)	10	400 799 799	210 . 505 . 420	610 1,304 1,219	397 794 794	202 502 418	1,296 1,212	778 778	487 406	1,265 1,184	678 878	425 425 352	1,104
- HE-II ·Total (1~9) -		9,681	6,386	16,067	9,454	5,156	15,610	9,106	5,787	14,893	8,217	5,103	13,320
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	-4.10 co.10 26.24	14,087 14,087	.,	.,,,	14,417	22,518 18,692	35,935 33,109	14,553	24,450	39,003	13,762	24,902	38,664
Total		23,768 23,768	26,611 22,060	50,379	23,871 23,871	28,674 23,802	52,545 47,673	23,659	30,237	53,896 48,833	21,979	30,005	51,984
	-			1	. : •						!		

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

n Ris Totai Totai		• • • • • • • • • • • • • • • • • • •		
2006 x Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total				0000
86.93 86.93 87.77		© 0	9900	00 00 0
lion Ris Fin.Total Eco.Total	5,732 5,273	5.273.2 273.2	2837 264 573 527	6,592 6,064 24,441 21,004
2005 x Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total	2,293	2,293	115 92 229 183	2, 637 2, 109 17, 166 13, 729 19, 803
E 0	0 0 0 0 0 0 0	3,439	172 172 344 344	3,955 3,955 7,275 7,275 11,230
Hillion Bls Fin.Total Eco.Total	5,732 10 5,273	2,372 2,332 2,330 2,30 3,5 3,1 6,1 7,668	276 270 408 383 817 767	9.670 9.088 30.918 27.537
2004 x Million Rls Fin.L.C. Fin.Total Ecs.L.C. Eco Total	2,293	6 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	28 22 155 130 310 260	3,593 3,011 20,251 16,970
Fin. F. C. Eco. F. C.	3,439	1,576 1,576 21 22 33 33 33 5,069	248 248 253 253 507	6,077 10,667 10,667
ક .ફ : :	10	10 10 10 10	no 01 %4 74 00	4.81 80.82 84.85
Mork Description/Itez	C. Maraz East District(II) 1. Construction Cost 1.1. Storage Dam 11.2. Diversion Dam	· · · · · · · · · · · · · · · · · · ·	2. Procurement of Equipment 3. Survey & Investigation 4. D.D.and Supervision 5. Building/Motor Pool 6. Land Acquisition 7. O & K Equipment 7. O & K Equipment 8. Administration (% of 1.) 9. Physical Contigency 9. Physical Contigency	- HE-N-Total (1~9) - 10. Price Contingency F.C. 4 L.C. 15

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

on Ris .Total		00	225 195	27	0000	255 222	360	615 532
1995 x Millian Fin.L.C. Fin.To Eco.L.C. Eco.To		0 0	153 123	18 15		138	263	434
Fin. F. C. Fi		00	72	12	ବ୍ରବ୍ର	8 % 24 %	97	181
판 판 원			. 50				į	
illion Ris Fin.Total Ecc.Total	395 0 245 0	640		12 5	80 A0	749	930 13	1,679
1994 x Million Fin.L.C. Fin.To Eco.L.C. Eco.To	237 0 53 0	390		r- ώ	39000		808 80	1,064
Fin.F.C. Eco.P.C.	158 0 32 0	250 0		មា មា	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	293 5	322	818 10
9-8	100			20			ŀ	• {
x Million Ris .C. Fin.Total .C. Ecc.Total		60			0000	• 0	00	0 0
1993 x M in.L.C.		00	·		0000	00	00	00
Fin. B. C. F. Eco, F. C. Ec		00			0000	00	00	0
. sr m							į	. ;
ion Ris Fin.Total Eco.Total	29 29 29 29 29 29 29 29 29 29 29 29 29 2	48,684	44.2 20.2 40.0 20.0 20.0 20.0 20.0 20.0	1, 120 86 896 250	2,434 2,232 4,868 4,464	63.975 58.571	168.781	232,756
Total x Million RIS Fin.L.C. Fin.Tota Eco.L.C. Eco.Tota	9,551 1,939 237 237 1,378 1,052 1,052 1,052 1,634 4,434 4,434 1,434 1,434 1,434 1,434 1,434 1,434 1,434 1,434 1,000 1,00	19,642	198 158 306 245 2,089	1, 120 896 896 255	982 792 1,964 1,585	26.362 21.245	109,217	135,579 110,786
Fin. F. C. Eco. F. C.	17, 99 17, 99 15, 99 16, 92 11, 11, 95 11, 95 11, 95 10, 96 10, 9	29,042	2,046 2,046 144 1,776	225 244 225 244 225 255	1,452 1,440 2,904 2,879	37,813 37,328	59,564 59,247	97,177 96.573
					94 98		96 9-8	
Work Description/Item	D. Haraz East District(III) 1. Construction Cost 1.1. Storage Dam 1.2. Diversion Dam 1.3. Main Canal/Drain 7. Kari Rud M.C. 1.4. Secondary Canal 1.5. Tertiary Canal 1.5. Land Consolidation 1.7. River Training 1.8. O/M Road 1.9. Miscellaneous	, 1	Procurement of Equipment Survey & Investigation D.D.and Supervision	Building/Motor Pool Land Acquisition and Compensation 0 & M Equipment	Administration (% of 1.) 5 % Physical Contigency 10 % (% of 1.)	- 96-111.Tataī (1~9) -	10. Price Contingency F.C. 4.8 % L.C. 15.5 %]otal
	i žie		61 e e	5. 6.	கர் சர்		10	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

		2,985	i , ·			પંજ	# 12		00			3,508	1,122	573	560 448	181 165 361 329	5,852	12,577	18,988
- 1	1999 x Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total	1.194			17	207	97					1,515	99 79	313	560 448	76 60 152 120	2,715	7,445 5,910	10,160
	Fin.F.C.	1.791			88	218	54				-	2,093	1.023	256	3 00	105 105 209 209	3,686	5,132 5,132	8,828
	Million Rls Fin.Total	2.985 10			47 25	15	10					3,032	8	193 15	560 50 448	152 139 303 279	3,825	6,800	12,015
	1998 x Mill Fin.L.C. Fi Eco.L.C. Ec	1,194			17		·		1.	٠.		1,211		104	560 560 448	81 48 121 97	2,057	4,833 3,908	6.940
	Fin.F.C. Bco.F.C.	1,791	•		88	1:						1,821		. 28 8	g & &	91 91 182 182	2,183	2,892	5,075
1	Rls otal	10			47 25							44			20	ധ ന വ 4	53	85	140
	1997 x Million Fin.L.C. Fin.To Eco.L.C. Eco.To				17	;						17			· .		20 16	33	61
	Fin.F.C. F				8 8	3						30 90				ପଷଷଷ	ន្តន	44	79
:	>4				22		.:							225 195	18 16	0000	9. e	r- 0	l le
	Hillion Rls Fin. Total Eco. Total								٠					18 22			243	387 330	630
	1996 x Mil Fin.L.C. I											00	÷	153	11 8	0000	164	232	455
	Fin.F.C. Eco.F.C.										٠	00,		72 72	ē~ ē~	0000	67 67	10 to 0 0	174
	> <													20	98	n 5		36.36 01.00	
	Work Description/Item	D. Haraz East District(Ⅲ) 1. Construction Cost 1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	Kari and M.C.	1.4. Secondary Canal	1.5. Tertiary Canal	1.6. Land Consolidation	1.7. River Training	1.8. 0/M Road	1.9. Miscellaneous	- HE-III Sub-Total (1) -	2. Procurement of Equipment	 Survey & Investigation D.D.and Supervision 	5. Building/Motor Pool 6. Land Acquisition and Compensation		- HE-III·Total (1~9) -	10. Price Contingency F.C. 4.8 % L.C. 15.5 %	Total

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

:	•	E. C.	2000 x Hi. Fin.L.C.	Million Ris	Fin.F.C.	2001 x Mi Fin.L.C.	llion Rls Fin. Total	Fin.F.C.	2002 x Mi Fin.L.C.	X Million Rls L.C. Fin.Total	Fin.F.C.	2003 x Mi Fin.L.C.	Million Ris
D. Haraz East District(III) 1. Construction Cost 1.1. Storage Dam 1.2. Dispersion Dam 1.2. Dispersion Dam 1.3. Dispersion Dam 1.5	15	2,686 2,686	1,791	4,477 15 4,119	2,686 2,686	1,791	4,477 i	•		4, 477 15 4, 119	•	1,791	4,477 4,119
1.3. Main Canal/Drain	•	-											
Kari Rud M.C.	25	93	17	47			•						
1.4. Secondary Canal	15	30 218	207	425 20	290	276	566 20		276	566 15	218	207	425
1.5. Tertiary Canal	15	818	146 146	27.6 227 15	81	210	227 15		146	500 227 15	218 16	146	376 227
1.6. Land Consolidation	15	1,278	726	2,004 15	1,278	726	2,004 15		106 726	2,004 15	1,278	726	2,004
1.7. River Training	15	1,278	665 7	1,943	1,278	565 7	1,843 23 15	•	868 7	1,943 23 15	1,278	, r	23.0
1.8. 0/M Road	15	222	ю н (22 15	21	(D +1	22 15	21 7	о — «	22 15	ខ្លួន	ω ⊷ (22.23
1.9. Miscellaneous	15	700	N O 6	23	12 0	N O (23 0 15		N O (0 15	700	N O (300
- HB-III Sub-Total (1) -		4,330	2,895	7,225 6,714	4,372 4,372 4,372	2,947	7,319 6,794	4,372 4,372	2,947	7,319	4,300	2,878 2,370	7,178 5,670
2. Procurement of Equipment	50	1,023	66 £	1,122									ě
3. Survey & Investigation		1,060	n	701.1									
4. D.D. and Supervision	15	266	313	579 20	355	418	773 15	256	313	579 15	266	313	579
5. Building/Motor Pool		202	T 83).Ic	900 900 900	334	890 0	907	162) To	7.20	167) TC
6. Land Acquisition and Compensation 7. 0 & M Equipment													
8. Administration (% of 1.)	54 24	217	145	362	219	147	366	219	147	366	215	144	353
9. Physical Contigency (% of 1.)	10 %	217 433 453	119 290 238	336 723 671	219 437 437	121 295 242	340 732 679	218 437 437	121 295 242	340 732 679	215 430 430	288 237	334 718 667
- HE-III·Total (1∼9) -		6,289	3,742	10,011	5,383	3,807	9,190 8,502	5,294	3,702	8,330 8,330	5,211	3,623	8.834
 Price Contingency F.C. 4.8) L.C. 15.5) 	96 96	9,122	11,851	20,973 18,848	8,209	13,926	22,135 19,618	8,461	15,641	24,102	8,728	17,680	25,408
Total	' 	15,391	15,593	30,984	13,592	17,733	31,325	13,755	19,343	33,098	13,939	21,303	35,242

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Mork Description/Item	34 I	Fin.F.C.	2004 x Million RIs Fin.L.C. Fin.Total Eco.L.C. Eco.Lotal	x Million RIS L.C. Fin. Total L.C. Eco. Total	Fin.F.C. Sco.F.C.	2005 x Hillion RIs Fin.L.C. Fin.Total Bco.L.C. Eco.Total	i	Fin.F.C.	!	2006 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	X Hillion Ris L.C. Fin.Total L.C. Eco.Total
<pre>Haraz East District(NI) 1. Construction Cost 1.1. Storage Dam</pre>	9	1,791	1,194	2,985 10	1,791	1,194	2,985	f .			
1.2. Diversion Dam								•			
Hain Canal/Drain											
Kari Rud M.C.											-
1.4. Secondary Canal	15	218	207	425							
1.5. Tertiary Canal	15	817		227 15		146	227				
1.6. Land Consolidation	13	1,278	:	2,004 15	1,278	726	2,004 10		852 852	484 443	1,336
1.7. River Training	12	134		23 15) - «	23 10		==	เบ 4	9 9 12
1.8. 0/H Road	15	21.5	⊃ ⊷ ¢	22 15	62.5		22 23 23		4 4	r	12 12
1.9. Miscellaneous	15	;00	100	0 15		00	0 10		00	00	00
HE-Di Sub-Iotal (1) -		3,405	°, ±,	5,886	3,187	2,074	5,261		877	448	1,325
Procurement of Equipment			·						٠	٠	
Survey & Investigation											
D.D.and Supervision	2	178	209	387 5	88	104	193				
Building/Motor Pool					-						
Land Acquisition and Compensation O & M Equipment				S		515	126 5	20	113	£ 5	126
Administration (% of 1.) 5 %		170	114	284	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	104	263		44	52 52 53 53 54 54 54 54 54 54 54 54 54 54 54 54 54	88 88
Physical Contigency 10 % (% of 1.)		341	228 189	23.65	319	207	526 492		88 88	3 3	137
HE-M·Total (1~9) -		4,094	2.832	6,926	3,867	2,502	6,389		1,122	577 525	1,699
10. Price Contingency F.C. 4.8 % L.C. 15.5 %		7,186	15,982 13,206	23,148 20,392	7,113	16,287	23,400	8 8 8	2,153	4,338 3,947	6,501
Total	1	11,280	18,794	30,074	10,980	18,789	29,769	ள்ள்	3,285	4,915	8,200

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

	į																								
Million RIS C. Fin.Total C. Eco.Total	1			:					•			0	O		015 ·	354	35	m m		0	o ?	0	445 385	629 537	1.074
1995 X Mi Fin.L.C. Ecc.L.C.												O	0		279	223	21	7		0	00	O	300 240	462	762 610
Fin. F. C. Ecc. F. C.							-						0		131	131	14	14 4	-	0	00	o .	145	167 167	312
Milion Ris C. Fin. Total C. Eco. Total %												. 0	0		85		14 50	13		0	0 0	0	भूग (१) सर्वे इस्ते	18 16	32
1994 x Mil Fin.l.C. F									-		-	0	0				∞ :	,		0	00	0	æ <i>c</i> -	II 6	611
Fin.Boa.F.C.									:		-	0	0				ω (م		0	ଚନ	0	ശേശ	, r- r-	13
**													•				20	٠							i
Ris stal					-							0	0							0	00	0	0.0	00	00
1993 x. Million Ris Fin.L.C. Fin.Total Eco.L.C. Ecc.Total												Ö	0							Ç	00	6	00	00	0
Fin. F. C.			٠									0	0							0	o o	0	00	90	0
9-8																									
ion RIS Fin.Total Eco.Total		36,821	2002	1,441	1,285	950	1,515	16,470	407	221	0 977	58,533	54,941	2,618	819	4,509	4.322	1,798	1,438	2,927	2,747	5.494	77,578 72,425	192,233	269.811
Total x Million F Fin.L.C. Fin. Ecc.L.C. Ecc.		14,728	120	918	860 868	434	730	4,756	32 74	H	2 C	22, 155	18,553	231	557	2,437	1.950	1,798	1,438	1, 208	928 2.216	1.856	30,589 25,436	118,974 99,311	149,563
Fin. F. C. Eco. F. C.		22,093	80	625	625 516	ស ភូមិ ស្រុក	785	11.714	355 355	210	017	35,378	38,378	2,387	262	2.072	2,072	90	405	405	1,819 3,638	3,638	48.989	73,259	120,248
Work Description/Item	E. Saal West District(I)	1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	1.4. Secondary Ganal	Tare are land		1.0. Laid tunbulidatiun	1.7. River Training	1.8. 0/H Road	1.9. Miscellaneous	- 4%- I Sub-Total (1) -		2. Procurement of Equipment	3. Survey & Investigation	4. D.D.and Supervision	5. Suilding/Mator Paal	6. Land Acquisition	and Compensation 7. 0 & M Equipment	8. Administration (% of I.) 5 %	9. Physical Contigency 10 %	(% of 1.)	- AH-I -Total (1~9) -	10. Price Contingency F.C. 4.8 % L.C. 15.5 %	Total

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

1	Work Description/Item		t S S	1996 X Mil	Hillion Rls		1997 X Mil	Million Ris		g ×	Million Ris			1999 x Million
1		> (Eco.F.C.	Eco. L.C. F		Eco.F.C.	Fin.L.C. Eco.L.C.		Fin. F.C. Eco. F.C.	Fin.E.C. 1 Eco.L.C. 2		Eco.F.C.		Fin.L.C. Fin.Total Eco.L.C. Eco.Total
10 2.208 1.173 3.982 10 2.208 1.173 3.982 10 2.209 1.174 3.582 12 2.209 1.174 3.174	West District(I)												•	
on Dam 30 24 36 60 40 22 46 80 30 22 3 36 60 1 120 1 1	.1. Storage Dam							10	2,209	1,473		2,209		1,473
The control of the co	. Diversion Dam	ଚ		98	60 40				24	98	86	3		4
Second	Main Canal/Drain		t 7	,					24 94	32 122		94		122
ing ing ing ing ing ing ing ing	Secondary Canal					63			52	99 57		94 77		
ing ing ing ing ing ing ing ing	Tertiary Canal							10	73	100		118		143
ing 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Land Consolidation								73	73		11.757		110 730
us (1) - 24 36 60 95 130 225 2.458 1.788 4.246 4.30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	River Training											1,757 53		713 8
115	0/H Road		٠		:	:		•			-	32		120
(1) - 24 36 60 95 130 225 2.458 1.786 4.246 4.340 authment	Miscellaneous										15	ಜ္က ဝ		ကဝ
### Solution	I Sub-Total (1) -		22	32	26	9 69 85 83	130	225	2,458	1,788	3,883	4,340		2,569 2,179
setion 50 131 273 410 1.184 93 1.287 1.184 93 1.287 1.184 1.287 1.184 93 1.287 1.184 1.184 93 1.184 93 1.184 93 1.184 93 1.184 93 1.184 93 1.184 93 1.184 93 1.184 93 96 97 93 98 96 97 93 98 96 97 93 98 96 97 93 98 96 97 93 98 96 97 93 98 96 97	urement of Equipment			٠				20	1,194	116		1,134		116
Sample S	ey & Investigation	20		279	410				1, 194	, ,	1,287	1,194		တ္တ
for 1.) 5 % 1 1 2 3 6 6 13 21 1.04 50 202 511 255 004 511 1.55 % 1 1 2 3 6 10 899 50 0 899 899 899 899 899 899 899 899 899	and Supervision					104	122	226 15	311	366		311		366
fof 1.) 5 % 0 899 899 50 0 899 899 50 0 899 899 50 0 719 711 71	ling/Motor Pool	ල :		ដូខ	21	* 01	ñ	200 2	110	83	808		٠.	283
10 x 5 x 1 2 3 5 7 12 123 89 212 217 217 10 123 10 123 11 134	Acquisition and Compensation f Equipment					00	898 719		00	898	899 719			
cy 10 % 2 4 6 10 13 23 246 179 425 434 9) - 156 334 500 214 1,171 1,345 4,332 3,437 7,769 6,496 F.C. 4.8 % 200 480 680 271 2,407 2,678 5,739 8,160 13,899 9,019 L.C. 15.5 % 368 1,294 485 3,576 4,063 10,071 11,597 2,168 15,515 368 10,071 11,597 2,168 15,515	7	৯-ব	`+-	87.6	നണ	ww	t-u	12	123	38	212	217		128
9) - 166 334 500 214 1,171 1,365 4,332 3,437 7,769 6,496 6,496 270 438 214 942 1,156 4,332 2,744 7,076 6,496 6,496 200 594 794 271 2,407 2,678 5,739 8,160 13,899 9,019 L.C. 15,5 \$ 200 480 680 271 1,935 2,207 5,739 6,514 12,283 9,019 2,C. 15,5 \$ 3,68 328 1,294 485 3,576 4,063 10,071 11,597 21,688 15,515 368 750 1,116 485 2,878 3,363 10,071 9,258 19,339 15,515	ical Contigency 10 (% of 1.)	₩.,		1 4 W	പ വ	99	113	23 23	246 246 246	179 143	425 389	434		257 218
F.C. 4.8 % 200 584 794 271 2.407 2.678 5.739 8.160 13.889 9.019 L.C. 15.5 % 200 460 680 271 1,835 2,207 5,739 6.514 12.253 9.019 L.C. 15.5 % 3.68 928 1.294 485 3.576 4.063 10.071 11.537 21.688 15.515 368 750 1,116 485 2.878 3.863 10.071 9.258 13.339 15.515	I.Total (1~9) -		166 166	334	500 436	214	1,171	1,385	4,332	3,437	7,769	5,496 6,496		3,436
366 928 1,294 485 3,576 4,063 10,071 11,597 21,668 15,515 365 750 1,116 485 2,678 3,363 10,071 9,258 19,329 15,515	F 1	∂€ ∂ €	200	594 480	794 680	271 271	2,407	2,678	5,739	8,160	13.899 12.253	9.019 9.019	57.	9,422
	Total	·	366	928 750	1,294	485 485	3,576	4.063	10,071	11,597	21,668	15,515	122	12,858

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

		; ;	<u>.</u> j		֡֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֓֡֓֓֓֡֓֡			j 1))				2	ζ
Work Description/Item	**	Fin.F.C.	Z000 x Hi Fin.L.C. Eco.L.C.	Hillion Ris C. Fin Total C. Eco. Total %	Fin.F.C. Bco.F.C.	2001 x Fin.L. Eco.L.	Hillion Ris C. Fin.Total C. Eco.Total %	Fin.F.C.	2002 x Mil Fin.L.C. E	Million Rls . Fin. Total Eco. Total .	Fin.F.C. Bco.F.C.	2003 x Mi Fin.L.C. Eco.L.C.	Million Rls C. Fin.Total C. Eco.Total	
1. Construction Cost 1.1. Storage Dam 1.2. Diversion Dam	15	3,314	2,209	5,523 15 5,081	3,314	2,209	5,523 15 5,081	3,314	2,209	5,523 15 5,081	3,314 3,314	2,209	5,823	
1.3. Main Canal/Drein 1.4. Secondary Canal 1.5. Tertiary Canal	ស្តី ស្ត	•	222 99 11 14 15 15 15 15 15 15 15 15 15 15 15 15 15		99 99 77 77 1118	122 93 85 65 110		446	122 58 85 85 148 110		48 P. P. P. B. B. B. B. B. B. B. B. B. B. B. B. B.	122 98 85 85 149 110	216 193 162 142 264 228	•
1.7. River Training 1.8. O/H Road 1.9. Hiscellaneous	15 15 15		5 E & II & & O	2,487 10 2,470 61 15 64 15 34 15 0 15		7130 713 8 111 8	2,487 15 2,470 5115 6115 84 15 35 15 0 15		85 8 H 9 40	2,487 La 2,470 61 15 61 15 34 15 35 0 15	1,757 1,757 53 53 32 32 0	8 5 5 5 5 5 5 5 5 5 5 6 7 8 7 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	2,457 2,470 61 34 35 0	
- AW-I Sub-Total (1) - 2. Procurement of Equipment 3. Survey & Investigation		5,445 5,445	3,365 2,768	8,750 8,213	5,445 5,445	3,305 2,768	8,750 8,213	5,445	3,305 2,768	8,750 8,213	5,445	3,305 2,768	8,750 8,213	
4. D.D.and Supervision 5. Building/Hotor Pool 6. Land Acquisition and Compensation 7. O & H Equipment	19	311	366 293 396	677 15 804	311	39 8 29 3 30 3	677 15 604	311	8 8 8 8 8 8	677 15 604	311	298 283	604	
8. Administration (% of 1.) 9. Physical Contigency (% of 1.)	0 0 % %	272 272 545 545	165 138 331 277	437 410 876 822	272 272 545 545	185 138 331 277	437 410 876 822	272 272 545 545	165 138 331 277	437 410 876 822	272 272 545 545	165 138 331 277	437 410 876 822	
- AW-I .Total (1~9) 10. Price Contingency F.C. 4 L.C. 15	4 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6,573 6,573 9,564 9,564	4,167 3,476 13,197 11,009	10,740 10,049 22,761 20,573	6,573 6,573 10,023 10,023	4,167 3,476 15,243 12,715	10,740 10,049 25,266 22,738	6,573 8,573 10,505 10,505	4,167 3,476 17,505 14,686	10,740 10,049 26,110 25,191	6,573 6,573 11,009 11,009	4,167 3,476 20,334 16,862	10,740 10,049 31,343 27,971	
Total		16,137	17,364	33,501	16,596 16,596	19,410	36,006 32,787	17,078 17,078	21,772 18,162	38,850 35,240	17,582	24,501	42,083 38,020	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Work Description/Item	Fin. F. C. 200. F. C.	2004 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	lion Rls in.Total co.Total %	Fin.F.C. Bco.F.C.	2005 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	x Million Rls C. Fin Total	Fin. F. C. Eco. F. C.	2 Fin Eco	2006 x Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total	1.5
E. Amol West District(J) 1. Construction Cost 1.1. Storage Dam 1.2. Diversion Dam	10 2,209	1,473	3.582 10	2.209	1,473	3.632				· !
1.3. Main Canal/Drain 1.4. Secondary Canal	<i>11</i> 2		162		٠					
Tertiary Canal	115 118	110	142 267 228	,	;					
1.6. Lend Consolidation 1.7. River Training	1,757		2,487 10 2,470 61 10	1.171 1.171 36	478 674 675	1, 657 7, 64, 7				
1.8. O/F Road 1.1.5. Fiscellaneous 1.	15 32 32 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		38 88 0 0 0	3550	~ H N,O (9 2 3 5 9 9 7 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9				
- AW- I Sub-Total (I) - Provincement of Equipment	4,246 4,246	2,447	6,326 6,326	3,437	1,965	5,402 5,100	00		00	18 18
					:					
4. D.D. and Supervision 5. Building/Hotor Pool	104	122 98	226 202							
6. Land Acquisition and Compensation 7. O & M Equipment 50	203	13 18	226 50 221	203 203	73 18	226 221				
8. Administration (% of 1.) 5 % 9. Physical Contigency 10 % (% of 1.)	212 212 425 425	122 104 245 208	334 316 570 533	172 344 344	98 83 197 165	270 255 541 510	0000	0000	0000	
- AM- 1 .Total (1~9) -	5,130	2,508	8.149	4,156	2,283	6,439	00	00		
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	9,110	16,677	23,246	7,645	14,852	22,507	00	00	00	1
Total	14,300	19,838	33,936	11,801	17,145	28,946 26,295	00		00	
								٠.		

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

	00	582 589	20 71	0000	762 660	1.077 920	1,839
	00	464	38	9000	512 410	789 1 632	1,301 1
i '	00	218 218	32	0000	250 250	288 288	538 538
•		20	32 50 28	0000	32 28	ස ය. ස ය.	71 62
	00	·	15	0000	15	25 20	44. 35.
- j :	00		88	9000	13	144 144	27 27
			_				, !
	00		21	0000	00	00	00
	00			0000	00	00	0
	00			9000	00	00	0
89, 28 73, 38, 88, 88, 88, 88, 88, 88, 88, 88, 8	111.735	5,984 1,353 1,178 10,307 9,193	160 141 3,245 2,596 750	5,586 5,189 11,174 10,379	150,304	379,590 336,009	529, 894 475, 090
25.155 25.724 26.724 1.440 3.544 3.965 3.965 2.746 3.965 3.965 4.7	43,587	528 422 927 742 5,571 4,457	3,245 2,596 75 75 75	2,179 1,782 4,359 3,564	60,567 49,344	239.068 195,487	299, 635 244; 831
48,233 48,233 174 174 1,226 1,226 1,637 1,637 1,637 1,637 1,501 13,501 1	68,148 68,143	5,455 436 436 436 736 736	6.4 6.4 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	3,407 3,407 6,815 8,815	89,737 69,737	140,522 140,522	230,259 230,259
F. Amol West District(II) J. Donsruction Cost I.1. Storage Dam I.2. Diversion Dam I.3. Main Canal/Drain I.4. Secondary Canal I.5. Tertiary Canal I.6. Land Consolidation I.7. River Training I.8. D/M Boad I.9. Miscellaneous	- 4W-11 Sub-Total (1) -		5. Building/Motor Pool 8. Land Acquisition and Compensation 7. O & M Equipment	8. Administration (% of 1.) 5 % 9. Physical Contigency 10 % of 1.)	- AM-II-Total (1~9) -	10. Price Contingency F.C. 4.8 % L.C. 15.5 %	Total
	48,233 32.155 80.388 48,233 22.155 80.388 174 235 403 174 235 403 1.226 1.739 2.655 1.226 1.739 2.655 1.226 1.739 2.655 1.227 3.46 654 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.637 2.097 3.734 1.657 3.75 114 889 775 114 889 775 114 889 775 114 865 521 44 666 0 0 0	48.233 32.155 80.388 48.233 22.155 80.388 48.233 22.155 409 1.74 261 403 1.226 1.400 2.655 at 2.031 2.573 4.654 1.637 2.037 3.734 1.637 2.037 3.734 1.637 3.955 at 2.031 3.945 17.447 ation 13.501 3.945 17.447 ation 12.501 3.955 1.655 5.1 2.7 548 5.2 4.6 565 6.148 43.567 111.735 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ein 1.226 90.388 90.388 46.233 25.724 73.957 73.957 1.74 25.95 2.965	46.223 32.155 80.388 46.223 22.156 80.388 46.223 22.156 80.388 41.226 1.739 2.595 42.22 1.400 42.22 1.	## 48.23 22.155 80.088 ## 48.23 22.155 72.45 73.857 ## 225 20.08 ## 2.00 2.00 2.00 2.00 2.00 ## 2.00 2.00 2.00 2.00 ## 2.00 2.00 2.00 2.00 ## 2.00 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ## 2.00 2.00 2.00 ##	### 1.124	tion 1.256 1

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

x Million Rlsc. Fin. Total	8,039		9445 394 533	465 374 318 745	1,747	25 55 C	11,280 10,469	2,992	1,546		564 524 1,128 1,047	17,510 16,358	32,683	50, 193 45, 882
1938 x Mi Fin.L.c. Eco.L.c.	3,216	2,51%	281 210 325	257 210 154 395	397	ପୁ ମ ୯ ୦	0 4.421 3,610	264	989 899 		221 181 442 361	6,184 5,032	16,957	23,141
Fin.F.C. Eco.F.C.	4,823	4,823	184 164 208	208 164 164	1,350 T8	5 52 52 O	0 6,859 6,859	2,728	710		343 343 686 686	11,326	15,726 15,726	27,052 27,052
Million Ris Fin. Total Eco. Total	8,039 10	130 130 123	445 15 394 533 10	465 374 10 318 10	9 9	10	9,521 8,695	2,992 50 2,939	1,031 15 920	1,623	477 435 952 869	16,596 15,156	29,467 26,068	46,083 41,224
1998 X Mil. Fin.L.C. F. Eco.L.C. B	3,216	2,0,2 78 71 71	261 210 325	257 210 154	*. •		3,264	264	557 446	1,623	205 163 409 326	7,148 5,708	16,970 13,551	24,118 19,259
Fin.F.C. Eco.F.C.	4,823	4 52 52 52 52	184 184 208	208 164 164			5,431 5,431	2,728	474	00	272 272 543 543	9,448	12,517 12,517	21,965 21,965
x Million Rls. .c. Fin.Total .c. Eco.Total X	10	174 30	297 15 263 10	10			471	50	516 10 460	1,623 50	22 22 74 22	2,581	5,147	7,828 6,508
Fin.L.C. F		104	174				278 234		279 223	1,623	12 12 23 23	2,222 1,790	3,679	6,789 5,469
Fin.F.C. Eco.F.C.		55 55	123				193 193		237 237	00	10 10 19 19	459 459	580 580	1,039
llion Rls Fin.Total Eco.Total %		130 40 123	10				130	682	589 48 55	42 50	r-525	880 773	1,396 1,205	2,276
. 1986 x Million Fin.L.C. Fin.To Ecoll.C. Eco.To		78					78 71	464	E 83	3	4400	583 476	1,038	1,621
Fin.F.C. Sco.F.C.		52 52			: :		52 52	218	812 61	£ T	വധന	297 297	358 358	655 655
54		೫						50	30		라 연 % 34		i გაგალი სის და	
Work Description/Item	F. Amol West District(II) 1. Construction Cost 1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain 1.4. Secondary Canal	1.5. Tertiary Canal	1.7. River Training	1.8. O/M Road 1.9. Miscellaneous	- AW-II Sub-Total (1) -	. Procurement of Equipment . Survey & Investigation		iand Acquisition and Compensation O & M Equipment	Administration (% of 1.) Physical Contigency (% of 1.)	- AW-II-Total (1~9) -	 Price Contingency F.C. 4.8 % L.C. 15.5 % 	Total
j	∀ ↔							ભં જ	4. ro	. 6.	တ က		9	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Work Description/Item	Fin.F.C.		2000 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Million Rls Fin Total	Fin.F.C.	2001 x Hillion Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Hillion Ris Fin. Total	Fin.F.C. Eco.F.C.	2002 x Hil Fin.L.C. F	x Million RlsC. Fin.Total %	Fin.F.C. Eco.F.C.	2003 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	x Million RIS
F. Amol West District(II) 1. Construction Cost 1.1. Storage Dam 1.2. Diversion Dam	15 7.	7,235	4,823 3,859	12,058 15	7,235	4,823 3,859	12,058 15 11,094	7,235	4,823 3,859	12,058 15	7,235	4, & 8, 8	12,058
1.3. Main Canal/Drain 1.4. Secondary Canal 1.5. Tertiary Canal	15 15	184 312 312 346	261 210 487 386 315	445 15 394 799 15 698 561 15	184 184 312 312 246	261 210 487 386 315	445 15 384 799 15 698 561 15	184 184 312 312 246	261 210 487 386 315	445 15 394 799 15 698 561 15	184 184 312 312 246	261 210 487 386 315	445 394 799 698 561
1.6. Lend Consolidation 1.7. River Training 1.8. O/M Road	10 1, 10 1,	246 1,350 1,350 78 78 52	3933	1,745 15 1,747 1 89 15 94 15	246 2,025 2,025 116 116 78	25 25 25 25 25 25 25 25 25 25 25 25 25 2	2,617 15 2,620 133 15 140 62 15	2,025 2,025 1,025 116 116	1888.00 1888.00 1888.00 1888.00 1889.00 1899.0	2,617 15 2,620 133 15 140 82 15	246 2,025 2,025 116 116	25 23 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2,617 2,620 133 140
1.9. Miscellaneous - AW-II Sub-Total (1) - 2. Procurement of Equipment	01	9,457	6,295 5,103	00 015 15.752 14.560	0 0 10,196 10,196	6,489 5,312	83 0 15 16,835 15,508	10,196 10,196	6,439 5,312	23 0 15 16,695 15,508	10,196 10,196	6,489 5,312	16,695 15,508
	12	710	836 869	1,546 15	710	836 669	1,546 15	710	836 836	1,546 10	474	557	1,031 920
6. Land Acquisition and Compensation 7. O & H Equipment 8. Administration (% of 1.) 5 % 9. Physical Contigency 10 % (% of 1.)		473 473 946	315 255 630 510	788 728 1,576	510 510 1,020 1,020	325 266 650 531	635 776 1,670	510 510 1,020 1,020	325 266 650 531	835 776 1,670	510 510 1,020 1,020	325 265 650 531	835 776 1,670 1,551
- AW-II.Total (1~9) - 10. Price Contingency P.C. 4.8 X L.C. 15.5 %	11,585 11,586 11,586 16,859		8,076 6,537 25,577 20,703	19,862 18,123 42,436 37,562	12,435 12,435 18,964 18,954	8,310 6,778 30,398 24,794	20,746 19,214 49,362 43,758	12,436 12,436 19,874 19,874	8,310 6,778 35,109 28,637	20,746 19,214 54,983 48,511	12,200 12,200 · 20,433 20,433	8,031 6,555 39,180 31,987	20,231 18,755 59,623 52,420
Total	28,445		33,653 27,240	55,685	31,400	38,708 31,572	70,108 62,972	32,310 32,310	43,419 35,415	75,729 67,725	32,633	47,221	79,854 71,175

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Work Description/Item	54 E	Fin.F.C. Eco.F.C.	. 2004 x Hil Fin.L.C. F	Million Ris Fin.fotel	Fin.F.C. Eco.F.C.	2005 x Mil Fin.L.C. F Eco.L.C. E	s Million Ris .C. Fin.Total	Fin.F.C. Eco.F.C.	2006 x Million Bls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	6 x Million Bls .C. Fin.Total .C. Eco.Total	Fin.F.C. Eco.F.C.	Total x Million Fin.L.C. Fin Eco.L.C. Eco	ion Rls Fin. Total Eco. Total
F. Amol West District(II) 1. Construction Cost 1. Strade Dem	· 	A 893	e.	0.000	4 A	e.	o o						
1100 P	24	4,823	2,572	7,395	4,823	2.572	7,395				48,232	25,724	73.955
1.2. Diversion Dam											174	280	434
1.3. Main Canal/Drain											1,227	1,740	2,967
1.4. Secondary Canal	10	208	325	533 10	208	325	533				2,080	3,248	5,328
1.5. Tertiary Canal	10	164	210	374 10	164	210	374				1,640	2,572	4,652 3,740
1.6. Land Consolidation	15	2,025	134 592	2,617 10	1,350	395 395	1,745 10	1,350	385	1,745	13,500	3,948	3,180
1.7. River Training	12	2,022	17	133 10	78 78	, ,	89 10	1,330 87	5 II	1,747 89	13,500	3,968	17,468 888
1.8. 0/M Road	55	78	4.4.1	82 10	229	ည္က	55 10	22	9 9 8	8 8 8 8	776 520	28 28	936 548
1.9. Miscellaneous	15	ထူဝ	-01	85 0 10	220	40	56 0 10	220	40	 0 0	520	4 0	564 0
- AW-11 Sub-Total (1) -		7,414	4,364 3,609	0 11,778 11,023	6,675 6,675	4,160 3,400	10,835 10,075	1,480 1,480	0 409 417	0 1,889 1,897	68,149 68,149 58,149	0 43,592 35,644	0 111,741 103,793
2. Procurement of Equipment											5,458	528	5,984
3. Survey & Investigation				•							5,456 436	422 928	5,878
4. D.D.and Supervision	10	474	557	1,031 5	237	279	516				436	742 5,573	1,176
5. Building/Motor Pool		4/4	440	028	762	223	450	·.			4,736 64	4.460	9, 196 160
6. Land Acquisition and Compensation 7. 0 & M Equipment				č.	c c c	å	6. 6.	0000	ć	0 6	84 00 %	3,246 2,596	3,246
		371	218		338	8 8 8 8 8 8	368 368 542	338	ននេះ	388	676	889	738
-		371	180	551	334	170	504	148	3 C 4 □ 14	189	3,410 6,816	1,784	5,194
(% of 1.) - AW-II-Total (1~9) -		741	7 261 77 7	1,102	999 898 898 898 898	340	1,008	148	42	190	6,816	3,563	10,379
Š	·. :	9,000	4,596	13,586	8,252	4,163	12,415	2,040	510	2,550	89.743 89.743	49,348	150,322
<pre>10. Price Contingency F.C. 4.8 % L.C. 15.5 %</pre>		15,797	31,422	47,219 41,701	15,179 15,179	33.206	48,385 42,279	3,933	3,820	7,753	140,522 140,522	239,068 195,487	379,590 336,009
Total		24,797 24,797	36,997 30,500	61,794 55,297	23,431 23,431	38,307 31,263	54,694	5,973 5,973	4,328	10,301 10,318	230,265	299,647	529,912 475,100
									1				

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

South Decrees the fam / Tebs		Total	, ,		580 T		1994 William	<u>.</u>		1995	, ,
אסנא הפסנויגענים!/ דופם	Fin. F. C. Eco. F. C.		Fin. Total Ecc. Total	Fin.F.C.	Fin.L.C. Fin.Total	Fin.F.C. Eco.F.C.	Fin.L.C. Fin.Total Eco.L.C. Eco.Total	otal Fin.F.		Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Total
G. Amol Bast District(1)											
1.1. Storage Dam	23.857	15.904			·						
1.2. Diversion Dam	98	129				-					
1.3. Main Canal/Drain	794	945	1.639						:		
Fereydon Kenal Drain	794 295	122		٠		·. :		٠			
1.4. Secondary Canal	1,265	105	404								
1.5. Tertiary Canal	1.265	578									
1.6. Land Consolidation.	10,365	4,934									
1.7. River Training	19.355	4, 638 52			٠					•	
1.8. 0/% Boad	146 257	13 2					-				
1.9. Miscellaneous	755 0	22 0									
- AE- I Sub-Total (1) -	37,400	24,000 24,000 19,805	0 61,400 57,205	00	00	00	00		. 0 0	D 0	00
2. Procurement of Equipment	2.728	254	2.982								
3. Survey & Investigation	23.728	495	727					50	915	248	364
4. D.D.and Supervision	2.368	2,786	5.15¢						₽ →	0 7 7	5. 1. 1.
5. Building/Mator Pool	2,38 32 32 32	2, 229	4.597 80 80 80			20 5	10	16 50	9 4	24	940
6. Land Acguisition and Compensation 7. O & M Equipment	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,700 1,350 40	1.700			•		1	3	3	3
8. Administration (% of 1.) 5 %	360 1,870	32 1,200	392 3,070	D		0	ø	0	0	- C)	Q
9. Physical Contigency 10% (% of 1.)	1,870 3,740 3,740	930 2,400 1,981	2,860 6,140 5,721	000	000	000	000	ဝဝ ဗ	000	000	000
- AE-I ·fotal (1~9) -	48.730 48,730	32,939 27,042	81,683	90	00	ເນ <i>ເ</i> ນ	ବ୍ୟୁ ଓ	18 14	132 132	272	404 349
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	75,882	128,679 105,958	204,581	0 0	00		e ii	20 18	152 152	419 334	571 486
Total	124.612 124.612	161.612	286.224	0	00	E E	23 19	36 32	284 284	691 551	975 835
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1					

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

1996 Work Description/Item x Hillion Rls Fin.F.C. Fin.L.C. Fin.Total % Eco.F.C. Eco.L.C. Eco.Total %	G. Amol East District(I) 1. Construction Cost 1.1. Storage Dam 30 26 39 65 40		1.4. Secondary Canal 1.5. Tertiary Canal	1.6. Land Consolidation 1.7. River Training	1.8. O/M Road 1.9. Miscellaneous	- AE-I Sub·Total (1) - 26 39 65 26 35 61	2. Procurement of Squipment 3. Survey & Investigation 50 116 248 384	14	3	8. Administration (% of 1.) 5 % 1 2 3 1 2 3 9. Physical Contigency 10 % 3 4 7 7 (% of 1.) 3 4 7	9) - 156 307 156 250	10. Price Contingency F.C. 4.8 % 188 546 734 L.C. 15.5 % 188 445 633
Fin.F.C.		34 78				113		118	00	99711	248 248	314
1997 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total		46 80 85 164 70 149				137 250 116 229		139 257 111 229	850 850 860 860	7 8 14 12 25 25 25	1,147 1,395 925 1,173	2,358 2,672 1,901 2,215
Fin.F.C.	 2 8		10 127 127 10 33	က္လ		2,691 2,691	50 1,364	15 355 355	00	135 135 269 269	4.814	6,378 5,378
1998 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	1,590 1,272 39	35 61 127 246 104 223	141 268 103 230 58 91			1,955 4,646 1,556 4,247	132 1,496 106 1,470	418 773 334 689	850 850 680 580	98 233 78 213 196 465 156 425	3,649 8,453 2,910 7,724	8,663 15,041 6,909 13,287
s Fin.F.C. Eco.F.C.	6 10 2,386 3 2,385	2 15 119 3 119 119	15	15 1,555 15 1,555 15 22		4.35	50 1,364	15 355 355		218 218 436 436	6,734	9,350
1999 X M Fin.L.C. Eco.L.C.	1,590	127 104		63 740 896 9		4,4,	132 106	418	· .	138 115 277 230	3,732	10.233 8.462
illion Rls Fin. Total Eco. Total	3,975	246	402 345 137	2,295 2,295 2,251 31	1844°	7,128 6,662	1,495	773 889		356 333 713 666	10,466 9,820	19,583 17,812

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Mork Description/Item	> <	Fin.F.C. Eco.F.C.	Z000 x Mi Fin.L.C. Eco.L.C.	Million Ris Fin. Total	Fin.F.C. Boo.F.C.	Z001 x Million Els Fin.L.C. Fin. Total Eco.L.C. Eco. Total	llion Els in. Jotal cco. Total %	Fin.7.C. Eco.7.C.	2002 x Million Rls Fin.L.C. Fin. Fotal Eco.L.C. Eco.Total	22 Million Rls C. Fin. Fotal %	Fin.F.C. Eco.F.C.	2003 x Mi Fin.L.C. Eco.L.C.	Million Ris C. Fin.Total C. Eco.Total	
3. Amol East District(I) 1. Construction Cost 1.1. Storage Dam 1.2. Diversion Dam	12	3,579	2,386	5,965 15 5,488	3,579 3,579	2,386	5,965 15	3,579 3,579	2,386	5,965 15 5,488	3,579	2,386	5,965 5,488	
1.3. Main Canal/Drain Fereydon Kenal Drain	15	119	127 104	246 15 223	118	127	246 15 223	119	127	246 15 223 50	113	127 104 61	246 223 211	
1.4. Secondary Canal 1.5. Tertiary Canal	ਹੈ - ਸ਼ੁ	190 190 50	212 155 87	402 15 345 137 15		212 155 87	402 15 345 137 15	190 190 50	212 155 87	402 15 345 137 15	1888 1888 1888 1888 1888 1888 1888 18	212 155 87	203 402 345 137	
1.6. Land Consolidation	12 E	1,555	886 896 896	113 2,295 15 2,251 31 15	1,555	740 636 9	113 2,295 15 2,251	1,555	740 695 9	113 2,295:15 2,251 31:15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	63 696 9	113 2,295 2,251 31	
1.8. C/H Road	H H	នេនន) ପ ପ ୯		4) ଦେ ୧୬ ୩	30 41 42 42	3888	, co cu m		3888		28 17 87	
1.9. Miscellaneous - AE-ĭ Sub·Total (1) -	ទ	5,554 5,554	3,563 2,938	0 15 0 9,117 8,492	5,554 5,554	3,563 2,938	0 15 6 0 9,117 8,492	5,554 0 5,554 5,554	3,563 2,938	0 15 0 9,117 8,492	5,704 5,704 5,704	3,624 2,991	9,328 8,895	
 Survey & Investigation D.D.and Supervision 	51	355	418	773 15	355	418	773 15	355	418	773 15	33.5	418	773	
		e e e e	00 00 00 00 00 00 00 00 00 00 00 00 00	699	905	334	683 9	ය ග	334	200	322	334	88 9	
 Land Acquisition and Compensation O & H Equipment 												:		
8. Administration (% of 1.) 5 % 9. Physical Contigency 10 % (% of 1.)	-	278 278 555 555	178 147 356 294	456 425 911 849	278 278 555 555	178 147 356 294	458 425 911 849	278 278 555 555	178 147 356 294	456 425 911 849	285 285 570 570	181 150 362 299	466 435 932 869	
- AE-I ·Total (1~9) -		6,742	4,515	11,257	6,742	4,515	11,257	6,742	4,515	11,257	6,914	4,585	11,499	
10. Price Contingency F.C. 4.8 % L.C. 15.5 %		9,810	14,299	24,109	10,281	16,516 13,582	26,797	10,775	19,076	29,851	11,580	22,374 18,416	33,954 29,996	
Total		16,552 16,552	18,814	35,366 32,024	17,023 17,023	21,031 17,295	38,054 34,318	17,517 17,517	23,591 19,400	41,108	18,494	26,959 22,190	45,453	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

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2006 x Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total	•													•		:					·
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Hin. R.C.											00					*	00	000	00	00	00
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10tt 3	3,976 3,658						સું છે	:	2 57 8	•	5,554			:		22	3 63 8	ដែងវ	6,587 6,183	23,438	30,025 26,991
11150 Fin.																				20 20	6.62
2005 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	1,590		:				493	u car	910	100	2 090 1 743					22	385	203	22 02	55 55	20
2005 X 1.1.1.1	- m						44	•			7.5							C4 ==1	2,424	15,780 13,150	18,204 15,170
											•									•	
Fin.F.C.	2,386 2,386						1,037	3 22 2	26	300	3,464			:		081 081	173	346 346	4,163	7,658	11,821
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	. 92			=======================================	3 22 5	2 65 5	38.5 23.5	유.	3 4 5 3 5	9 20 c	222			257	ł	26 26	2 12 2	709 564	4.4	댔댔	88
10t	3,976			61.6	4 4 6	137	3 %			•	7,093			2 2	i	8 -	186	828	8,614	27,791	36,405 32,755
Fin.									٠				-			• .				10,00	
x Million Ris	1,590			6 6	8 23 15	3 62	348	on a		000	2,701			133	1	8 5	182	270	3,265	18,402 15,302	567
2004 X Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	44				•••			="		٠.	∾ ∾				,				800	55	21,667
1											•										
Fin.F.C.	2,386			150	1961	3 22 2	355	388	188	300	4,392			118	3	180	222	439	5,349	9,389	14,738 14,738
i 8	0101							•			ર્ષ વં								ហ្គូល	01 01	77
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ä			aj.	Fereydon Kenal Drain	Ę		1.6. Land Consolidation	120			-	Procurement of Equipment	Survey & Investigation	d	,1	Satt	of 1		1.	 	
/It	St E	E E	Š	(ena	Can	Cana	lid	inin		Sous) [ğ	183	isio	8	E G	3	00 at	5	Cy	
tion.	15.00 E	ion	ana	<u>6</u>	ary	į,	ons	Tra	ad	, len	704	6	ves	er.	tor	itic Con	g	atig (5	ивет	
crit	istr	vers	ä	reyo	cond	rtis	얼	ver	ρά Σ	Sce.	Suò.	en .	- E	Sup	Š	anis and auin	trat	.g	Pota	onti	Total
Des	East District(I Construction Cost 1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	e e	1.4. Secondary Canal	1.5. Tertiary Canal	9	1.7. River Training	1.8. U/M Road	1.9. Miscellaneous	AE-I Sub-Total (1)	a E	. ye	D.D.and Supervision	Building/Motor Pool	A E	nis	13.03	H	ت و	
Work Description/Item	Cent	1.2	1.3		7.4	1.5	6	1.7	1.8	1.9	- AB	Proc	Sur	D.D.	Buil	Land Acquisition and Compensation O & M Equipment	Administration (% of	Physical Contigency (% of 1.)	- AE-I ·Total (1~9) -	10. Price Contingency	
#	G. Amol East District(I) 1. Construction Gost 1.1. Storage Dam										•	8		4	ĸ,	9 -	ω.	o;	ı	10.	
	G													•		- ·	~				

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

x Million Ris L.C. Fin.Total			410 354	5.0 4.4	0000	460 398	350 350 350	1.110
1995 X X11 Fin.L.C. F		00	279	24.3	9999	309	476 331	785 828
Eca. F. C.		00	131	20 20	9999	TST	174	325 325
ion Ris Total		90	09	20 50 18	0000	18	22.	45
1994 X Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total		00		10	0000	12 10	33.6	28 23
860.9.C.				യ ശ	0000	დდ	ෆ ආ	7.T
9-9 tr fr)	\mathbf{I}_{i}			0				
illion Ris Fin.Total Eco.Total		00		20	9090	00	0 0'	00
1983 X Million RI Fin.L.C. Pin.Tota Eco.L.C. Eco.Tota		. 00			0000	0.6	00	00
Fin. F.C. F.C. F. C. F. F. C. F. F. C. F. F. C. F. F. F. F. F. F. F. F. F. F. F. F. F.		00	·		8080	00	00	
9-5 Tr tri	1 - 2.							
on Ris Fin.Total Ecc.Total	49,527 49,527 2,565 1,965 1,779 1,014 1,014 1,014 1,014 1,014 1,014 3,64 3,64 3,64 3,64 3,64 3,64 3,64	74.095 69,288	3,740 3,674 819 708 6,442 5,746	100 88 1,870 1,576 450	3,705 3,465 7,409 6,929	98,730 91,915	245.805	344.535 311.355
Total X Million RIS Fin. L. C. Fin. Total Eco. L. C. Ecc. Total	15.849 1.0375 1.	28.383 23.576	330 264 557 446 3.482 2,786	60 1,970 1,576 85 86	1,419 1,179 2,838 2,358	39.084 32.259	152.977	192.061 158,881
Pin. F. C. Bea. F. C.	29, 716 29, 716 107 107 107 107 107 107 107 107 107 108 108 108 108 108 108 108 108 108 108	45.712 45.712	3.410 3.410 2.62 2.960 2.960	04 44 0 0 0 8 0 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0	2.286 2.286 4.571 4.571	59, 646 59, 646	92,828	152,474 152,474
Work Description/Item	H. Amol East District(II) 1. Onstruction Cost 1.1. Storage Dam 1.2. Diversion Dam 1.3. Kain Canal/Drain Fereydon Kenal Drain 1.4. Secondary Canal 1.5. Tertiary Canal 1.6. Land Consolidation 1.7. River Training 1.8. 0/N Road	1.9. nisvelianeous - AE-II Sub-Total (1) -	-	5. Building/Mutor Pool 6. Land Acquisition and Compensation 7. O & M Equipment	8. Administration (% of 1.) 5 % 9. Physical Contigency 10 % (% of 1.)	- AE-II·Total (1~9) -	<pre>10. Price Contingency F.C. 4.8 % L.C. 15.5 %</pre>	Tstal

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Mork Description/Item	3 €	Fin.F.C. Eco.F.C.	1996 x Mi Fin.L.C. Eco.L.C.	6 x Million Rls .C. Fin. Total .C. Eco. Total	** E: m [Fin.F.C.	1997 x Million Fin.L.C. Fin.Tc Eco.L.C. Eco.Tc	illion Ris Fin. Total Eco. Total %	Fin.F.C. Eco.F.C.	Fin.L.C. F	x Million Rls	Fin.F.C. BCO.F.C.	1989 x Million Bls Fin.L.C. Fin.Total Ecc.L.C. Eco.Total	lion Els in.Total	•
H. Amol East District(II) 1. Construction Cost 1.1. Storage Dam	1		.**	٠				10	2,972	1,981	4,953 10 4,557	2,972	1,981	4,953	
1.2 Diversion Dam	30	32	48	92	40	5 5	58	107 30	32 32	48 44	80 76				
1.3. Main Canal/Drain		3	i•	٠	10	& & &	104 88	197 15	138 138	158	295 15 267	138 851	156 128	295	
Fereydon Kenal Brain								٠.					;	,	
1.4. Secondary Canal					÷			10	154	75 51	229 15 215		113 92°	324	
1.5. Tertiary Canal								10	88	46 46		50 50	9 6 6	126	
1.6. Land Consolidation							,				15	1,830	863	2,647	•
1.7. River Training							. •				S	-	201	3 2 83	
1.8. U/H Road											5		W 47	22 23	
1.9. Hiscellaneous											E)		66	00	
- AE-II Sub-Total (1) -		32 3	ক ক	48 80 44 76		136 136	168	304 279	3,335	2,324	5,659	5,306	3,224	8,530	
2. Procurement of Equipment				:	2.5	:		20	1,705	165	1,870 50 1,837	1,705	165	1,870	٠
3. Survey & investigation	20	131	279	9 410 3 354	٠		. :			,				6	
4. D.D.and Supervision	-				ம் .	148	174 139	322 15 287	444	522	866 15 862	444	522 418	862	
5. Building/Motor Pool	8	12	-	18 30 14 26										. •	
6. Land Acquisition Compensation					. 05	00	985 788	385 50 785	00	985 788	985 783			٠	
		Ø1¢				t- t	00 t	15	167	116	283 260	285 285	161 135	428 400	
9. Physical Contigency 10 % (% of 1.)		v 60 60		4 70 4.		14	17	83	334	232	566 520	531 531	322	853 802	
- AE-II·Total (1~9) -	•	180	352	2 532 7 467		305	1,352	1,657	5,935 5,985	4,344	10,329	8,251 8,251	3,661	12,645	
10. Price Contingency F.C. 4.8 % L.C. 15.5 %		21.7 21.7	626 511	6 843 1 728		386	2,243	3,165	7,929	8,264	18,242	11,456	12,049	23,505	
Total		397	978 798	8 1,375 8 1,195	1	691 691	4,131	4,822	13,914	14,657	28,571 25,659	19,707	16,443	35,150	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

i																							
x Million RIS .C. Fin. Total .C. Eco. Total		7,429				345						0 11,239 10,511			986	>00 00	-		298	1,124	13,891	40,722	54,613 49,086
2003 x Hi Fin.L.C. Eco.L.C.		2,972		156	389	113	36 86 86	88.6	727	ο ·	40	4,283 3,555			522	014			214	428 356	5,447	26,580 21,993	32,027 26,500
Fin.F.C. Eco.F.C.		4,457		139	1631	232	57	1,830	27.2	40		6,956 6,956			444	*			348	69 69 69 69 69 69 69 69 69 69 69 69 69 6	8,444	14,142	22,586 22,586
lion Rls in.Total co.Total %		7,429 15		295 15	20	345 15	153 15	2,693.15	39 15	52 15	0 15	0 11,006 10,288			986 15	700			55 55 57 57	1,029	13,624 12,694	35,879	48,503
2002 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total		2,972		156	}	113	78 96 8	863	12		4 (C) (0 4,215 3,497			522	614			211	422 350	5,370	22,688 18,759	28,058 23,189
Fin.F.C.		4,457	. :	139		232	552	1,830	224	7 64 9		6,791 6,791			444	*			340	679 679	8,254	13,191	21,445
Hillion Rls Fin.Total		7,429 15		295 15	}	345 15	153 15	2,693 15	39 15	52 15 52 15	0 15	0 11,006 10,288	٠		966 15	700			551 7	1,101	13,624	32,230 28,828	45,854
2001 x Hillion Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total		2,972		156		113	76 96	883	12	g m .	40	4,215 3,497			522	410			211	422 422 350	5,370	19,643 16,241	25,013 20,581
Fin.F.C. Eco.F.C.		4,457		138		232	7.07	1,830	27	- 64		6,791 6,791	٠		444	,			340	679 679 679	8,254 8,254	12,587	20,841
\$ \$		55 55 57		12		52	12	12	12	15	53				22								
Million Rls Fin. Total Eco. Total		7,429		295			153			5 65 6		11,006 10,288			966	700			551	1,101 1,029 1,029	13,624 12,694	29,017	42,641 38,766
2000 × Mi Fin.L.C. Eco.L.C.		2,872		156		113	96	388	12 5	3 60 4	* 0 0	4,215 3,497			522	0 *			211	350	5,370	17,007	22,377 18,502
Fin.F.C. Eco.F.C.		4,457		139		232	52.5	1,830	2,000	64	ကို ဝ	6,791 5,791			444	ţ			340	679 679	8,254	12,010 12,010	20,264
. Se	• • • • •	12		15	٠.	15	5	121	15	35	15				15						,		i
17												•							(n)	*		જો શો ક્ર∉ ક્રિક	
Work Description/Item	H. Amol East District(II)	1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	Fereydon Kenal Drain	1.4. Secondary Canal	1.5. Tertiary Canal	1.6. Land Consolidation	1.7. River Training	1.8. 0/H Road	1.9. Miscellaneous	- AE-II Sub-Total (1) -	Procurement of Equipment	Survey & Investigation	D.D.and Supervision	Building/Motor Pool	Land Acquisition	O & M Equipment	Administration (% of 1.)	Physical Contigency 10 (% of 1.)	- AE-II·Total (1~8) -	 Price Contingency F.C. 4.8 L.C. 15.5 	Total
	mi mi												2	ะ	4.	S.	œ.	t-	. 00	တ်		70	

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

2006 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total			. 1 *							• .	00							000	00	00	00
2006 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total											00			÷			0.	000	00	00	00
Fin.F.C. Eco.F.C.						-					00		-		-		0	000	00	00	00
. 3₹																					l .
x Hillion Rls	4,953	7.557					1,795	52 52 53 54 54 54	9 69 6	ဋ္ဌ ဝ င	6.809 6.383					226	340 340	319 681 838	8,056	28,708 25,486	35,764
2005 x Hillion Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	1,981	1.585					575	ည္ ထိ	- 03 0	n c .c	2,566					23	128	257 257 214	2,974	19,360 16,138	22,334
Fin.F.C. Eco.F.C.	2,972	218.2					1,220	18	988	300	4,243					203	203	212 424 424	5,082	9,348	14,430
. > ₹	្ន						2	01	10	91	. *					20			4		1
04 x Million Rls L.C. Fin.Total L.C. Eco.Total	2, 4 8, 5 8, 5 8, 5	, cc , s		233	345	153	2,693	86.	22.5	200	8,468	-		322	97	226	424	385 847 797	10,287	32,819 29,347	43,106 39,018
2004 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	1,981	1,083		82 8	8 23 8	26 26 26	963	27.	- m	* © C	3,136			174	601	23	157	314 264	3,804	21,440 17,968	25,244 21,156
Fin.F.C. Eco.F.C.	2,972	212.2		165	232	25.5	1,830	272	3 49 4	<u>,</u> a c	5,332			148	0 7 7	203	267	533 533	6,483	11,379	17,862
34	10			20	15	15	5	15	55	ις:				ro.		SS SS					
				ain		•	æ					ı,		:			34 10	10 %		4. 13 6. 13 74.74	
Mork Description/Item	H. Amol East District(II) 1. Construction Cost 1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	Fereydon Kenal Drain	1.4. Secondary Canal	1.5. Tertiary Canal	1.6. Land Consolidation	1.7. River Training	1.8. 0/H Road	1.9. Miscellaneous	- AE-II Sub Total (1) -	2. Procurement of Equipment	3. Survey & Investigation	4. D.D. and Supervision	5. Building/Motor Pool	6. Land Acquisition and Compensation 7. 0 & M Equipment	8. Administration (% of 1.)	9. Physical Contigency (% of 1.)	- AE-II.Total (1~9) -	10. Price Contingency F.C. L.C.	Total
	, 14																•			•	I .
																			-		

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Work Description/Item	Fin. F. C. Eca. F. C.	Total x Million Ris Fin.L.C. Fin.Tote	ion Ris Fin Total Ecc. Total %	Fin. F.C. Eco. P.C.	1993 X Million F Fin.L.C. Fin.Tot	RIS ctal	5tn.3.C.	1394 X Mill Fin.L.C. Fi	94 XIIIion RIS L.C. Fin. Total %	Fin. F. C.	1995 Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Nillion Ris
I. Amel East District(III)								٠				
	42,422	28, 281 22, 625	70,703									
1.2. Diversion Dam	153	230	383									
1.3. Main Canal/Drain	1,421	1,506	2.927		-		÷					
Fereydon Kenal Drain	100 cc	220	758				·.					
2.4. Secondary Canal	1,090	9 4 6	1,730									
1.5. Tertiary Canal	2,098 2,098	1,897							*			
1.6. Land Consolidation	21,211	13,621	35,032 34,197					,				-
1.7. River Training	259	111	370									
1.8. 0/H Road	5 60 60 5 60 60 5 60 60	191	383		-							
1.9. Miscellaneous	000	200	2									
- AE-III Sub-Total (1) -	69.560 69.560	45,725 39,306	116.285 108.866	00	00	. 00	0.0	00	00	00	00	60
2. Procurement of Equipment	4.433	429	4.862				-			;	;	;
3. Survey & Investigation	A 4.	927	1,363			90	218 218	464 371	682 50 589	218 218	464 371	582 589
4. D.L. and Supervision	3.848 3.848	4.527	9.375								. :	ţ
5. Building/Mater Pool	52	78	130			20	គ ួ	12	26 50 22	78 78 78	8 5	51 to
6. Land Acquisition	joe	3,073	3,073									
7. 0 & H Equipment	973	រ ម្ចាស់ មាន	750								٠	
8. Administration (% of 1.) 5 %	3,478	2,336	5.814	00	50	00	0 0	60	- -	00	00	0 0
9. Physical Contigency 10% (% of 1.)	6.955 6.955	4,673 3,631	11.629	.00	.00	00	• •	90	• •	00	00	0 0
- A≅-III·Iotal (1∼9) -	89,438 89,438	62.843 52,489	152,281 141,927	00	0 0	90	228 228	450 383	708	244 244	503 402	747
13. Price Contingency F.C. 4.8 % L.C. 15.5 %	140,975 140,975	256.837 215,995	397,862 356,970	00	00	0 6	250	640 511	290	281	775 619	1 056 900
Total	230.413	319,730	550,143	00	00	00	478 873	1,120	1,598	525 525	1.278	1.803
111111111111111111111111111111111111111				1		1						

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

Illion Ris Fin. Total Eco. Total	7.070	6,505	439	388	173	160	353 3,503	3,420	క్ట్రణ్ణ	6 0	0 11,661 10,912	2,432	2,389	1,256	1.120		583	546 1,166 1,091	17,098 16,058	32,270 29,419
1999 x Million Fin.L.C. Fin.To Eco.L.C. Eco.To	2,828	2,263	226	186	94	51	143	1,299	σ, 64	n ପ		215	:	679				198 470 395		17,280 32 14,429 29
Fin.F.C. Bco.F.C.	4,242	4,242	213	213	109	109	210	2,121	26 37	37	6,958 6,958	2,217	2,217	577	577		348	348 895 895	10,796 10,796	14,390
x Million Rls .C. Fin.Total	7.070 10	6,505 115	108 439 15	369	173 10	160 400 40	353	01	10		8,197	2,432 50	2,389	838 15	151	1,537	410	376 820 753	14,234	25,247 22,362
Fin.L.C. Eco.L.C.	2,828	2,263	62 226	186	84	51 190	143				3,377	215	172	453	392	1,537	169	135 338 271	6,089 4,874	14,455
Fin.F.C. Eco.F.C.	4,242	4,242	213	213	109	210	210				4,820	2.217	2,217	385	385	00	241	241 482 482	8,145 8,145	10,791
Million RIS Fin.Total Eco.Total	10	153 30	144 293 15	286	10	10					446 410	25		418 10	8/3	1,537 50	22	44 44 41 44	2,457	4,734 3,924
Fin.L.C. F.		- 26	151	124							243 207			226	181	1,537	12	222	2,042	4,197
Fin. F.C. Eco. F.C.	* 1 a	33	142	142						-	203 203			192	251	00	10	288	425 425	537 537
Million RIS Fin.Total . Eco.Total		115 40	108							٠	115			ĸ	88	. 03 50	to t	11 12	171	265 243
Ein.L.C. Fi	 	89	29		•						68 62 63				23	2	က (_.	31-10	102	182 160
Fin.F.C.		46	95								46 46				16	9	816	งเลย	88 88	88 83
≯ €		30											•		30		.			
Work Description/Item	Amol East District(III) 1. Construction Cost 1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	Fereydon Kenal Drain	1.4. Secondary Canal	1.5. Tertiary Canal	1.6. Land Consolidation	1.7. River Training	1.8. 0/N Road	1.9. Miscellaneous	- AE-H Sub·Total (1) -	2. Procurement of Equipment	3. Survey & Investigation	4. D.B. and Supervision	5. Building/Motor Pool	6. Land Acquisition and Compensation 7. O & M Equipment	8. Administration (% of 1.) 5%	9. Physical Contigency 10 % (% of 1.)	- AE-III-Total (1∼9) -	<pre>10. Price Contingency F.C. 4.8 % L.C. 15.5 %</pre>

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

	<u> </u>	1 1	<u> </u>					1					
Work Description/Item	Fin. F. C. Boo. F. C.		2000 x Hillion Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Hillion Rls Fin.Total	Fin. F.C. Eco. F.C.	ZOU1 x Mi Fin.L.C. Bco.L.C.	2001 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Fin.F.C.	2002 x. Hillion Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	x Hillion RlsC. Fin. Total %	Fin.F.C. Eco.F.C.	2003 x Mil Fin.L.C. F Eco.L.C. E	Million Ris X Million Ris L.C. Fin.Total
I. Amol East District(III)													
 Construction Cost I.1. Storage Dam 	15 6,3	6,363	4,242	10,605 15	6,363	4,242	10,605 15	6,383	4,242	10,605 15	6,363	4,242	10,605
1.2. Diversion Dam	•	3	5	5	3	5	:				: .'.		
1.3. Main Canal/Drain	15 . 2	213	226 186	439 15	213	226	439 15	213	226 186	439 15 399	213 213	226 186	369
Fereydon Kenal Drain		1	:							20	269 269	110 35	379 364
1.4. Secondary Canal	15		98	260 15	164	9 5	260 15		96	260 15 240	164	96	260 240
1.5. Tertiary Canal	15		285	600 15 520 15	315	285	600 1		285	600 15 529	315	285	600 529
1.6. Land Consolidation	10 2,1	2,121	1,382	3,503 15	3,182	2,073	5,255 16	3,182	2,073	5,255 15	3,182	2,073	5,255
1.7. River Training	10			37 15	5 66 6	71.	58 18		17	56 15 53	88	17	ີ ຄຸດ ຄຸດ
1.8. 0/H Road	10	37	. 63 0	38 P	2 CA C	r eo w	51 88 86 86 86 86 86 86 86 86 86 86 86 86		നധ	58 15 60		வம	80 80 80
1.9. Miscellaneous	10	500		5 D 15	300	000	0 15			0 15		00	00
- AE-III Sub Total (1) -	6, 6,	9,239 9,239	6,244 5,181	15,483 14,420	10,331	6,942	17,273	10,331	5,942 5,837	17,273	10,600	7,052	17, 652 16, 532
2. Procurement of Equipment												٠.	
3. Survey & Investigation							٠				,		
4. D.D. and Supervision	15	577	579	1,256.15	577	679	1,256 15	577	679 543	1,256 10	385	453	838
5. Building/Motor Pool	.,	-	2	1,160		2	291	5	<u>}</u>				
6. Land Acquisition													
and Compensation 7. 0 & M Equipment		-											
8. Administration (% of 1.) 5 %		291	312	774	517	347	864 808	517	347	8 64 808	530	353	883 827
9. Physical Contigency 10 % (% of 1.)	r	924 924 924	624 518	1,548	1,033	694 584	1,727	1,033	584 584	1,727	1,060	705 593	1,765
- AE-III.Total (1~9) -	11,202		7,859	19.061 17.703	12,458	8,662 7,256	21,120	12,458 12,458	8,662	21,120 19,714	12,575 12,575	7,184	21,138
10. Price Contingency F.C. 4.8 % i.C. 15.5 %	16,300 16,300		24,890 20,589	41,190 36,889	18,998 18,998	31,685	50,683 45,540	19,910	36,596 30,656	56,506 50,566	21,061 21,061	41,786 35,056	62,847 56,117
	27,502		32,749	60,251	31,456	40,347	71,803	32,368	45,258 37,912	77,626	33,636 33,636	50,349 42,240	83,985 75,878
										1			1

TABLE E. 2. 2-13 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITH MANGOL DAM CASE)

	ļ.			an jiri			
6 x Hillion RIs .C. Fin.Total .C. Eco.Total			3,420 3,420 37 35 39	40 0 3,579 3,485	378 368 179 375	349 4,492 4,387 17,845 17,056	22,337
2006 × Hi Fin.L.C. Eco.L.C.		•	1,382 1,282 1,182 11,182	311 1,385 1,311	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	131 1,643 1,538 12,353 11,564	13,996 13,102
Fin.F.C. Eco.F.C.	3 3 6 6 6 6 7		2,121 2,121 2,121 26 26 37	37 0 0 2,184 2,184	3 3 3 8 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	218 2,849 2,849 5,492 5,492	8,341
x Million RlsC. Fin.Total	7.070 6.505	173	35.3 3.420 3.420 3.710 35 35	40 0 10 0 11,222 10,513	373 373 376 50 50 50 50 50 50 50 50 50 50 50 50 50	1,052 13,700 12,831 50,481 44,824	64,181
2005 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	2,828	88 13	1,382 1,382 1,299 1,299 1,1	3,768	225 181 38 30 224 188 188 448	5,413 4,544 35,237 29,580	40,850
Fin.F.C. Eco.F.C.	4,242		2,121 2,121 2,121 2,121 2,621 2,631 37	6,0	192 192 338 338 337 337 575	8,287 8,287 15,244 15,244	23,531
15 18 18 18	70 10 05 10	67 27 3 10 57 3 10	83 10 83 10 84 10	90 0 m 10		ന മധ മന	i I w w
4 Million Ris.C. Fin.Total	7,070 8,505	ଳି କିଷ	5,255 10 5,130 5,130 5,130 58 10	50 0 0 13,391 12,625	838 747 689 631 1,340	16,238 15,266 15,266 53,848 48,369	70,086 63,635
2004 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	2,828		190 143 2,073 1,948 17		453 362 226 529 529	6,531 5,558 36,810 31,331	43,341 36,890
Fin.F.C. Eco.F.C.	4,242	269 269 109	3,1810 3,1810 3,1810 3,1810 3,820 3,	55 0 0 8,106 8,106	385 385 405 405 811	9,707 9,707 17,038 17,038	26,745 26,745
94	9.	10	15 15 15 15 15 15 15 15 15 15 15 15 15 1	E .	0		' i .
•	 	ig Ei	e		1 0 v × ×	4.1 8.1	
Mork Description/Item	I. Amol East District(II) 1. Construction Cost 1.1. Storage Dam 1.2. Diversion Dam	1.3. Hain Canal/Drain Fereydon Kenal Drain 1.4. Secondary Canal	1.5. Tertiary Canal 1.6. Land Consolidation 1.7. River Training 1.8. O/# Road	1	3. Survey & Investigation 4. D.D.and Supervision 5. Building/Hotor Pool 6. Land Acquisition 7. D.& M Equipment 7. D.& M Equipment 8. Administration (% of 1.) 9. Physical Contigency 9.		L.C. Total
						6 - 6	1.

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

		Annual Disbu	Annual Disbursement Schedule	dule														
!	Work Description/Item	Fin. F.C.	Total x Mill Fin.L.C. Eco.L.C.	lion Rls Fin.Total Eco.Total	** EE	Fin. F.C.	1993 x M Fin.L.C Eco.L.C.	1993 X Million RIS Fin. L.C. Fin. Total Eco. L.C. Eco. Total	is is is	E E C	}	1994 X Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total	llion Ris Fin. Total Eco. Total	3-6	Fin. F.C.	1995 X Million Rls Fin. L.C. Fin. Total Eco. L.C. Eco. Total	95 x Million Ris L.C. Fin. Total L.C. Eco. Total	
	Totai (A∼I)	281,176	188,209 158,185	469, 385 437, 376		.00	. 0 0		0.0	4.930		5,515	10,445		2,133	7.032	9,165	
·; ;	Price Contingency F.C. 4.8 % L.C. 15.5 %	422,213	641,685 552,716	1,063,898 972,747		00	00		00	5.415		7,357	12,772 5,980		2,455 2,455	10,835 8,570	13.290	: 1
	Grand Total	703,389 699,222	829,894 710,901	1,533,283		80	00		00	10.345 6.177		12.872 2 4.771 I	23.217 10.948		25.5 58.5 58.5 58.5 58.5	17.867	22.455 18.885	
					ı												٠	
.	Work Description/Item	### ### ### ###	Fin.	198 X Million Ris L.C. Fin.Total L.C. Eco.Total %	Fin.F.C Eco.F.C		.≅	Illion RIS Fin.Total Eco.Total	Fin	Fin. F. C. Fi	1993 . x Kij Fin.L.C. E	Killion Ris C. Fin. Total C. Ecc. Total	96	Fin. F.C. Ecc. F.C.	136 1.023 500.1	x Million Ris	Ris tal	
	Iotal (A~I)	11,164	10,571	21.735	20,456		15.325 3	35,782 33,885	27.	27.622 27.622	21.532 17,533	49,154		41,863	3 23.508 3 20,012		65.371. 51.875	
+;	J. Price Contingency F.C. 4.8 % L.C. 15.5 %	13,467	18,812 14,865	32,279 28,332	25.880		33.558 57,503 5	53,418	8 8	38,585 38,585	51,118	87,713 78,338		58, 125 58, 125	5 54,450 5 54,872	450 122.585 372 112.997	585 997	
1	Grend Total	24,631	29.383 23.218	54.014 47.849	46,316 46,316		49.884 9	96.200 87.348	95 24	64.217 64.217	72.650 59.326	136,867	 •	988 988 988	8 87.968 8 74.384	384 174,872	956 872	
1					<i>}</i>			! !					!					

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

		:			;											
	Work Description/Item		* Et n. E. C.	2000 ' × Kil Fin.L.C. F Eco.L.C. E	Million Rls Fin.Total	Fin F.C.	نن	2001 X Killion RIs Fin.L.C. Fin.Total Eco.L.C. Eco.Total	llion RIS Fin. Total Eco. Total	## ## ## ## ## ## ## ## ##	0 0	2002 X Mil Fin.L.C. F Ecc.L.C. E	Million RIS Fin.Total Eco.Total	## ## ##		2003 x Million RIS Fin.L.C. Fin.Total Eco.L.C. Ecc.Total
	Total (A~I)		34.026	22,755 19,516	56,781 53,542	33,861		21,965 19.061	55.827 52.522	6,6	32,450 32,450	19,469	51.919 49.588	30.352 30.352	2 17.396 2 15.403	47.758
±,	Price Contingency F.	F.C. 4.8	49.511	72,066 51,808	121.577	\$1.535 \$1,636	:	80.351 1 69.724 1	131.987 121.360	មាស៊ី	51.859	82,255 72,407	134.114	50.852 50.852	2 84.889 2 75.164	135,741 126,916
<u>;</u>	Grand Ictal		83.537	94,821	178,358 IS4,861	85.497	!	102.317 88.785	187.814	20.00	84,309	101.724	185.033	81,214	4 102:285 4 90.567	183.499
i ! !						1	1 1 1 1		 	i - 						
	Work Description/Item	24	Fin.F.C.	2004 X Kil Fin.L.C. F Eco.L.C. E	Killion RIS Fin.Total Eco.Total	Fin. F.		2005 × Million RI: Fin.L.C. Fin. Tota Eco.L.C. Eco.Tota	Killion Ris Fin. Total Eco. Total	Bin Bon	0.0	2006 x Mil in.L.C. F	M Million RIS L.C. Fin. Total	## 6 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 1	Ting Ting Ting Ting Ting Ting Ting Ting	Total Fin.L.C. Fin.Total Fco.L.C. Eco.Total
	Ictal (A~1)		23.811 23.811	12.948	35,419	12,534		6.528 5.893	19.052	ш (6	6.011 5.011	2,728	6 7.39 584	281,223 279,237	3 188,274 158,240	4 469,497 0 437,477
.; .;	Price Contingency F.	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	41,794	72.977 65.425	114.771	23,056	1, 11	42.496 38.352	65,552		11,588	Z0.511 19,345	32,099	422.213 420.031	552.716	5 1.063,898 6 972,747
	Grand Total		55,505 65,505	85.925 77.033	151.530 142.638	35,590 35,590		49.024	84.514 79.845	17	17.599	23,239	40.838 39.518	703.436 699.268	829.959 710,956	9 1,533,395 5 1,410,224
							1									1

TABLE E.2.2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

1995 x Million Rls Fin.L.C. fin.Potel							ဗဝ		459 675 367 583			2-4	٥٥	• • •	1,890 2,306 1,512 1,928	į	4,802 5,697 3,842 4,737
74 H H H H H H H H H H H H H H H H H H H							9 6		216	172			66	00	415	478	895
lijon Ris Fin.Total Eco.Total		820 0 0 790					1,768		875 50 583	ы э	28 50 24	4,	80 6	171	2,736	3.340	6,078 3,328
2994 X ME Fin.L.C. 1 Eco.L.C. 1		253 223 223					822 223		459 367		F 67	1	4.1	22	1,421	1,898 848	3,317
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		567 557			• • •		945 567		216		= =		747	95 57	1,315	1,444	2.759
5·8		100		-					ŝ		20						
1993 x Million RIS Fin. L.C. Fin. Total Ecc. L.C. Eco. Total									٠					000	00	90	00
1993 X X Fin. L.C. Ecc. L.C.							00						00		00	00	ပပ
717.F E00.F C.							00					÷	90		Ω O		00
ntal X Million Rls 1, L.C. Fin. Total 1, L.C. Eco. Total	00	948 0 820 790	9.910	32,479	36.55 36.55 37.55 37.55	, 0 0	51.127	5, 236	1,166	7,969	123	2,325 1,860 750	2,557	5.113 4.738	76.567	146,407	222, 974 203, 550
Total x Mill Fin. L.C. Eco. L.C.	9.6	253 253 223	5.997 4.703 4.182	7,891	144 144 30		19,372	462	918	4.525	54	2,325 1,850 75	9 69	1.937	30,667	81.676	112,343
Fin. F. C.	00	379 0 567 567	E 6 25 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.228	989 949 149 149		31.755	4,774	432	3 444	មា មា មា	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3,176	45,900	64, 731 64, 252	110,631
Work Description/Item	A. Maraz West District 1. Construction Cost 1.1. Storage Dam	1.2. Diversion Dam 1.3. Main Canal/Drain	1.4. Secondary Canal 1.5. Tertiary Canal	1.6. Land Consolidation	1.7. River Training 1.8. D/M Road	I.9. Miscellaneous	- HW Sub Total (1) -	2. Procurement of Equipment	3. Survey & Investigation	4. D.B. and Supervision	5. Building/Motor Pocl	 Land Acquisition and Compensation 0 & W Equipment 	8. Administration (% of 1.) 5 %	9. Physical Contigency 10 % (% of 1.)	- HW - Total (1~9) -	10. Price Contingency F.C. 4.8 % I.C. 15.5 %	Total

TABLE E.2.2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

1.1. Strong ban 1.2. Stron	Work Description/Item	₩. W.	88 8.9 9.0	1995 × Mil Fin.L.C. Eco.L.C.	35 L.C. Fin.fotal L.C. Eco.Total	Fin.F.C.	1997 x Mi Fin.L.C. Ecc.L.C.	Milion Ris J. Fin.Total J. Eco.Total %	#13. P. C. C. C. C. C. C. C. C. C. C. C. C. C.	1998 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	llion Rls Fin.Tetal Eco.Total %	Fin. F. C. Eco. F. C.	1999 X.Mil Fin.L.C. F Ecc.L.C. E	9 x Million Rls C. Fin.Total C. Eco.Total
1.2 Diversion Dax	A. Haraz West District I. Construction Cost I.I. Storage Dam									0.0			0.0	0 (
1.5 Keth Canal/Dean 20	1.2. Diversion Dam									>	>	>	•	⇒
1.4. Secondary Canal 1.5. Terriary Canal	1.3. Main Canal/Orain							•			-			
1.5. Terriary Came 15	1.4. Secondary Canal	20	783	1.199	1.982 20					1,199	1.982 20	783	1,199	1,962
1.6. Land Consolidation	1.5. Tertiary Canal	15	244	527	871 15 871 15					832 832 832	1,152 20	326	835	1,162
1.5. D/W Fload 1.5. O/M Fload 1.5.	1,6. Land Consolidation		54.7	765)[160	ς,		9 60 6	3,534	1,238	4,872 15	3 634	1.238	4.872
1.5. O/N Fload 1.5	1.7. River Training				10	,		25.5	104	15 15	119 15			119
1.0. Wiscellaneous	1.8. 0/M Road				31				104 104 104		126 55 15		51 en 1	126 55
- HW Sub-Total (1) - 1.027	1.9. Miscellaneous				10		n 0 (700		0 15	700	n O (, O
Procurement of Equipment 50 2.387 218 50 2.387 185 2.572 Survey & Investigation D.E.and Supervision 10 344 458 797 0 689 905 1.594 18 517 543 Building/Motor Paol 30 17 26 42 42 1.413 689 724 1.413 689 724 1.413 689 724 1.413 594 517 543 Building/Motor Paol 30 17 26 42	- HW Sub-Total (1) -		1.027	1.826	2,852	3.554		6.217 5,753	4,899 4,899	2,291 2,754	8,190	4,899	3,291	8,190 7,653
Survey & Investigation D. E. and Supervision Building/Motor Pool. 30	2. Procurement of Equipment	50	2.387	231	2,618 50			2.618						-
D.E.and Supervision D.E.and Supervision D.E.and Supervision D.E.and Supervision Suliding/Motor Pool D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/Motor D.E. Addining/			9		716.7	705.7		7,6.7						
Building/Motor Pool. 25 472	1. D.E. and Supervision	91	344	453					589	905		517	828	1,196
Land Acquisition and Compensation		30	344	32.52	705 42	50 50 50 50		1,413	50 g	124	1,413	/Tc	543	1.060
Administration (% of 1.) 5 % 51 91 142 178 133 311 245 165 410 245 165 138 383 245 138	5. Land Acquisition and Compensation 7. D & M Equipment	20	300	1,163	1,163									
Physical Contigency 10 % 103 183 286 286 621 499 139 364 629 139 364 629 138 6 189 138 138 138 138 138 138 138 138 138 138	Administration (% of 1.)		51	66	142	178	133	311	245	165	410	245	165	410
9.929 3.927 7.928 7.53 4.38 10.601 6.323 4.696 11.013 6.151 4.464 6.323 3.939 7.028 7.028 7.163 1.0601 6.323 3.891 10.214 6.151 3.710 1.2.24 1.739 7.028 11.808 9.055 8.629 17.684 8.377 11.134 19.511 8.540 12.240 1.0.173 1.0.54 9.055 7.067 16.122 8.377 9.237 17.514 8.540 10.173 1.0.55 8.658 11.041 19.709 16.218 12.87 29.045 14.700 13.228 27.328 14.591 15.704	Physical Contigency (% of 1.)		103	183	286 286 242	322	266 220 220	621 621 575	490 490 90 90	329 275	7 88 43 7 85 43 64 7 65 43 64	490	138 129 275	383 765
F.C. 4.8 % 4.739 7.069 11.808 9.055 8.629 17.684 8.377 11.134 19.511 8.540 12.240 12.240 15.0.153 5.515 10.254 9.055 7.087 16.122 8.377 9,237 17.514 8.540 10.173 15.0.155 8.658 11.041 19.709 15.218 12.827 29.045 14.700 13.824 30.524 14.591 13.839 13.839	- H# · Total (1~9) -		3,929	3.972	7.901	7,163		11.361	6,323	3.890	11.013	6,151	4,464	10,615
8.668 11.041 19.709 16.218 12.827 29.045 14.700 15.824 30.524 14.691 15.704 8.658 8.614 17.282 16.218 10.505 26,723 14.700 13.128 27.328 14.691 13.883	10. Price Contingency P.C. 4.8 % L.C. 15.5 %		4.739	7,069 5,515	11.808	9,055		17.684	8.377	11.134	19,511	8.540	12.240	20.780
	Total		8.658 8.558	11.041	19,709	16,218	12,827	29,045	14.700	15,824	30.524	14, 591	15,704	31,395

TABLE E. 2. 2. 14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

				1				1						
Wark Description/ltem	. 44	## # 0 # F C C C	2000 ; x Mi Fin.L.C. Ecc.L.C.	llion Ris Fin.Total Eco.Total	Fin F C	2001 X Mi Fin.L.C. Ecs.L.C.	2001 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total %	Fin. #. C. Eco. F. C.	2002 x Million Ris Fin.L.C. Fin.Total Eco.L.C. Ecc.Total	Million Rls Fin.Total	Fin.F.C.	2003 X %5 Fin. L.C. Eco. L.C.	Z003 X Willion Ris Fin.L.C. Fin.Total Eco.L.C. Eco.fetal	
A. Haraz West District 1. Construction Cost 1.1. Storage Dam	15	0	0.	SI D	0	0	0 15	0	0	0 15	0		0	
1.2. Diversion Dem		Φ	0	0	0		0		0	ဗ	0	0	0	
1.3. Main Canal/Drain							•							
1.4. Secondary Canal	20		1,139	1.982										
1.5. Tertiary Canal	ţ		627	1,724 871 15		627	871							
1.6. Land Consolidation	15	3.634	1,238	4.872 15	3,634	452	4,872 15	3.634	1,238	4.872 15	3,634	1,238	4.872	
1.7. River Training	15	701 701	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	119 15		1, 184	4,818	3,634	1.184	1.818	3, 534 104	1, 184 15	4,818	
1.8. 0/M Road	15		27 65 1	126 55 15		22	126 55 15	104 52	3 22	126 55 15	104 52	. 22	126 55	
1.9. Miscellaneous	15	70.	no	57 0 15		ωo	57 0 IS	52	ωo	57 0 15	52 0	တလ	57	
- HW Sub-Total (I) -		4,817 4,817	3.032 2.604	7.859	0 4,034 4,034	1,983 1,653	5.917 5.697	0 3,790 3,790	1.256	5,046 5,046	3,790	1,256	5,046 0.046	
2. Produrement of Equipment											3	: :	3	
3. Survey & Investigation								4		-				
4. D.D. and Supervision	10	344	553	797 10	356	453	787 5	172	225	398 5	172	226	398	
5. Building/Mater Pool		***	302	90/	344	362	706	172	181	383	172	181	353	
6. Land Acquisition and Compensation 7. O & M Equipment	٠						90	338	83	376 50	33 88	38	378	
8. Administration (% of 2.)	113 946	241	154	385	202	56	295	338	939	368 253	338 190	88	368 253	
 Physical Contigency (% of 1.) 	10 84	482 482 482	130 308 260	371 790 742	202 403 403	83 188 166	285 591 599	190 379 379	61 126 121	251 505 500	190 379 379	51 126 121	251 505 500	
- H# · Total (1~9) -		5.884	3.997	9,881	4,983	2,618	7,601	4,869	1.709	6.578	4.869	1.709	6.578	
10. Price Contingency F.C. 4.8 L.C. 15.5	ao'n' Sass	8,562	12.659	21,221	7,599	9,577 8,318	17.176	7.781	6.777	15,001 14,558	8,135 155 155 155 155 155 155 155 155 155	7.827	15,982	
Total		14,446	16,656 13,985	31,102	12,582	12,195	24,777	12,650	8.929 8.381	21,579	13,024	10.049	23.073 22.455	
												1111111111		

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

	!								2005	1		Total	
Work Description/Item	**	Fin. F. C.	x Million Fin.L.C. Fin.To Ecc.L.C. Ecc.To	fin.Total Fin.Total Eco.Total %	Fin. F. C.	Fin.L.C.	Million Als J. Fin. Total J. Eco. Total	F13.F.C	x Million F C. Fin L.C. Fin.Tot Ecc.L.C. Ecc.Tot	on Ris .Total .Total	Fin. F. C. Eco. F. C.	Fin. L.C.	llion Ris Fin.Total Eco.Total
A. Haraz West District												 1	
I.1. Storage Dam	01	06	•	0 10			0				0 (:.
1.2. Diversion Dam		>	>	>	>						379	569	948
1.3. Main Canal/Drain											587	253	820
1.4. Secondary Canal								•			3,915	223 5,995	790 9.910
1.5. Tertiary Canal											3.91	4,705	8, 820 5, 808
1.6. Land Consolidation											1,528	3,012	4,640
1.2. Piver Training								٠			24.227	7,893	32,120
1.8. 0/N Road									-	-	347	146 20	839 357
1.9. Miscellaneous				0	-		0				35.7	၉ ဝ	086 0
- HW Sub-Total (1) -		00	00	0 0 0	. e.e	50	000		000	00	31,756	19,370 16,012	51,126 47,389
2. Procurement of Equipment	•							-			4.77\$	462	5,235
3. Survey & Investigation											4.774	370 918	5,244
4. D.D.and Supervision			٠	-							3,443	734	1.166
5. Building/Mator Poal			÷								8,443 583	3,620	7,053
 Land Acquisition and Compensation 0 & N Equipment 						• .					0 0 0 0 0 0	2,326 1,860 76	123 2,326 1,860 752
8. Administration (% of 1.) 5 %		00	00	00	60	00	00			00	1,589	989 989	2.553
9. Physical Contigency 10 % (% of 1.)		000	• • • •			,00	0.0		000		3,176	1,599	5.113
- HW . Total (1~9) -		00	00	00	00	00	00			00	45.902	30,568	75.570
10. Price Contingency F.C. 4.8 % L.C. 15.5 %		00	00	90	0 0	00	00	:	000	.00	64,731	81.876 88.721	146.407
Total		00	00	00	00	00	00		0 0	00	110.633	112.344	222.977
													}

TABLE E. 2. 2. 14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

								1		1		-
Work Description/Item	Fin. F. C.	Total Total Fin.L.C. Eco.L.C.	I Millian Rls .C. Fin Total .C. Eco.fotal	Fin. F. C. C. F. C. C. C. C. C. C. C. C. C. C. C. C. C.	1993 x Million RIS Fin.L.C. Fin.Total Ecc.L.C. Ecc.Total	illion Rls Fin.Total Ecc.Total &	Fin. F. C.	1994 × Mill Fin.L.C. Fi	Million Rls S. Fin.Total J. Ecc.Total %	E E E E E E E E E E E E E E E E E E E	1995 Fin. L.C. F	Million Ris Tin Total
E. Haraz East District(I)			 		4 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 						
I. Construction cost 1.1. Storage Dam	O	0	0									
	0	60 60	0 2 20			100	. 8	1887	878			
1.2. Diversion Dam	165	ĝ	90			?	3.	0	0			
1.3. Main Canal/Drain	905	557 175	1.463			100	906 679	557 175	1,453 854			
Kari Rud M.C.	231	171	452									
1.4. Secondary Canal	4.161	5.175	9336									
1.5. Tertiary Canal	100 H	3.087	4,403									
1.6. Land Consolidation	25.413	10,599	36,012		•							
1.7. River Training	271	116	387									
1.8, 0/H Road	380 380 080	320	400									
1.9. Miscellaneous	00		00									
- HE- I Sub-Total (I) -	32,129	20,312	53,441 49,231	00	00	00	1,297	1,144	2,441 854	0 0	0 0	00
2. Procurement of Equipment	8,115 115	495 396	5,610							!		į
3. Survey & Investigation	374	796	1,170			20	187	398	585 50 506	187	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	506 506 506
4. D.D.and Supervision	690	4.848	8,538							185 185	242 184	379
5. Building/Matar Paal	09	90				20	12	14	30 50 26	စိုင်း	ស្តេស ស្តេស	5 B 3
6. Land Acquisition and Compensation	00	2,015	2,015						Ó.	00	1.008 805	1,003
7. 0 & M Equipment	585 585	55							,	•		•
8. Administration (% of 1.) 5%	1.656	1,016		00	00	00	34	60 60	122	5 6	90	5 0 4
 Physical Contigency 10 % (% of 1.) 	3,251	2,031	5,344	00	00	00	130 68	134	244 86	00	00	00
- HE- I . Total (1~9) -	47,922	31.668	79,590		00	00	1,691	1,731	3,422	402	1.683	2.086
10. Price Contingency	68.45	91,438	159,924		000		1.857		4,168	463	2,509	3,072
15.5.1 1.0.15.50	60	107.11	716.11		>	> !		i				
	116,408	123, 106	239,514	0	00	o o -	3.548	4.040	3,305	865 865	4,302	5.157

TABLE E. 2. 2. 14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

	1	1	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1 1 2 2 5 5 5						
Work Description/Item	94	Fin. F. C. Eco. F. C.	1996 . x. Kil Fin. L. C. E	Killion Rls 3. Fin.Total C. Eco.Total &	Fin. F. C. Boa. F. C.	1997 x Hil Fin.L.C. F	Hillion RIS C. Fin.Total C. Eco.Total %	Fin. F. C.	1998 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Ecc.Total		Fin.F.C.	1989 x. Mi Fin.L.C. Eco.L.C.	1989 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total
E. Haraz East District(I) 1. Construction Cost 1.1. Storage Dam	į					! ! ! ! ! ! !	01		0	01.0	1	c	
1.2. Diversion Dam								0	0	0,	0	. 6	0
1.3. Main Canal/Drain											٠.		
Kari Rud M.C.				25	73	5	115 25	73	43	116 25			116
1.4. Secondary Canal	15	\$29	776	1,400 15	524	776	1.400 20	832	1,035	1.867 20			108
1.5. Tertiery Canal	10	132	9696	441 15	197	463	1, 234 660 15	197	813 463	1.645	832 197	813	1.645 660
1.6. Land Consolidation		761	777	10	2.541	1.050	3.601 10	2,541	1,060	3.601 15			531
I.7 River Training				10	27	128	39 10	2,541	9 9 9	3,540			5,310 5,8
I.S. 0/# Road				0 I	38	2 7 7	40 10	23.	7	37 40 15			50 80
1.9. Wiscellaneous				10	900	m co (41 0 10	တ္က ဝ	m O ·	41 0 15	50		62
- HE-I Sub-Total (1) -		756 756	1,085	1,841	3,500	2,356	5.856	3.708 3.708	2,615 2,194	6.323 5.902	5,012 5,012 5,012	3,151 2,700	8,163 7,712
2. Procurement of Equipment	90	2.558	248	2.806 50	2,558	248	2,806		. •		•		:
3. Survey & Investigation		3	2	9	3	o n	2			•	٠		·
4. D.D.and Supervision	. 10	365	385	854 15	554	727	1.281 20	738	970	1,708 15	554	727	1.281
5. Building/Motor Pool	30	9 2	27.5	200	* · · · · · · · · · · · · · · · · · · ·	786	C 71	8	9//	5101	554	285	1, 136
 Land Acquisition and Compensation O & M Equipment 	90	စ္ဝဝ	1,008	1.006 806								•	
8. Administration (% of 1.) 5	≥ •₹	88	55	95	15 H	118	293	185	131	316	192	158	409
9. Physical Contigency 10 (2 of 1.)	÷*	37 76	109 83	185 159	320 320	236 159	586 549	165 371 371	110 262 219	295 533 590	251 501 502	315 270 270	385 815 771
- HE-I · Total (1~9) -		3.815	3.018	6.831 6.188	7, 137	3.685	10.822	5,002	3,578	8.980	9.318	4,351	10.669
10. Price Cantingency F.C. 4.8 1.C. 15.5	24 2 4	4,602	5.357	9.969 8.821	9,022	6,310	15,332	6.627	5,444 7,832	16.071	8,772 8,772	11.931	10, 50, 20, 703 18,862
Total		8.417	8.383	16.800	16.159	11,259	27.418	11.629	13,422	25.051	15.090	16,282	31, 372
		0,41	250.0	,no. c1	ADT. 01	A. 60 U	55.538	11,629	101111	77,/00	13, 080	19, 18,	79.62

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

	;			. !									
Work Description/Item	%*	860 81.9 9.0	2000 Fin, L.C. F Eco, L.C. E	Million Rls C. Fin.Total C. Eco.Total %	Fin. F. C. Eco. F. C.	2001 x. Million Rls Fin.L.C. Fin. Total Eco.L.C. Eco. Total	lion Ris in.Total co.Total %	Fin. 9.0.	2002 X M3) Fin. L.C. 2	Million Rls C. Fin. Total C. Eco. Total	Fin. F. C. Eco. F. C.	2003 x Million Ris Fin L.C. Fin Josal Ecol. C. Eco. Total	llion Ris Fin Total
8. Merar East District(1) 1. Construction Cost. 1.1. Storage Dax 1.2. Oliveration Cost.	 #3 	00		5 0	00	00	SI 0	00	00	0 15		00	00
1.3. Main Canal/Drain							-						
Karî Rud K.C.	23	73	43	116									
1.4. Secondary Canal	51	624	776	1.400 15		2776	1,400						٠
1.5. Terriary Canal	15	197	463	1,234	197	610 463	1,234	197	463	980			
1.6. Land Consolidation	21	3.812	1.590	5,402 15		1,590	5,402 15	3.812	1.590	531	•	1,060	3,601
1.7. River Training	13	3,0,5	1,438	5, 318 58 15	25. 21.	1,496	5,310	3,812	1,498	5,310		998 12	3,540
1.8. 0/W Road	35	4 to 1	ဂ္ဂ ဗ	50 15		က္က	58 60 IS	57	ន្នា	56 60 10		10	40
1.9. Miscellaneous	51		n 🗢 (62 0 15	i~ O	တပ	62 0 15	57	6 0	62 0 10	39	୧୨ ୦	410
- HE- I Sub-Total (1) -		4,804 4,804	2,892 2,497	7,696 7,301	4,731 4,731	2,849 2,462	7,580 7,193	6,107 4,107	0 2,073 1,852	6,180 5,959	2.606 2.605	1,074 1,612	3.680 3.616
2. Procurement of Equipment										•			
3. Survey & Investigation													
4. D.D.and Supervision	15	មា មា ក្រុម	727	1,281 10	369	485	854 5	185	242	427 5	91 81 11	242	427
5. Building/Motor Paol		400	70C	B 7 . T	5.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	90 80 80 80 80 80 80 80 80 80 80 80 80 80	757	8	or (7) ~•1	55 55 55 55 55 55 55 55 55 55 55 55 55	185	194	55 24 26
6. Land Acquisition and Compensation 7. 0 & M Equipment										0s	293	33	326
8. Administration (% of 1.) 5 %		052	145	385	237	142	379	205	104	308	130	24 24	315 184
9. Physical Cantigency 10 % of 1.)		480 480	289 250 250	789 730	237 473 473	123 285 246	360 758 719	205 411 411	93 207 185	258 618 596	130 261 261	101	181 368 362
- HE- I · Total (1~9) -	-	5.078	4,053	10,131	5,810	3,761	9,573	4.908	2,626	7,534	3,475	1,510	4.985
<pre>10. Price Contingency F.C. 4.8 % L.D. 15.5 %</pre>		8.844 244	12,836 10,939	21,680	8,880 0,880 0,880	13,756	22.615 20.625	7.844	11.095 9.819	13,663	5,820	7,368 6,754	13,188 12,574
lotal		14.922 14.922	16,889 14,393	31.811	14.670	17,519	32.189	12,752	13.721	25.473 24.895	9,295	8,878 8,138	18.173
;;	!	-								1.			

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

10 0 0 0 0 0 0 0 0 0	Wark Description/Item)	50.5 5.05 5.05	2004 X Mil Fin.L.C. E	Million Ris C. Fin.Total C. Eco.Tetal %	Fin.F Eco.F.C.	2005 X M3 Fin.L.C. Eco.L.C.	Million Als Fin.Total Eco.Total	** # # # # # # # # # # # # # # # # # # #	2006 X K Fin.L.C. Eco.L.C.	Million Rls Fin.Total Eco.Total	Fin: F. C. Ecc. F. C.	Total X Hill Fin.L.C.	Hillion RIS C. Fin.Total C. Eco.Total
1.2 Diversion Data 1.3 Main Canal/Plain 1.4 Main Canal/Plain 1.5 Textuary Canal 1.6 Land Consolidation 1.7 Textuary Canal 1.7 Textuary Canal 1.8 Land Consolidation 1.9 Section State 1.9 Section State 1.9 Section State 1.0 Sectio	E. Haraz East District(I) 1. Construction Cost 1.1. Storage Dam	i ខ ៖		0			0.0					0.0	.	:
1.3 Mile Camil/Drain 1.2 1.2 1.0	1.2. Diversion Dam	٠	9	9	>	•	•	9				391	587	978 978
1.4. Secondary Canal	1.3. Main Canal/Drain							•				906	175	2,463 854
1.5. Territary Canal 1.5. Territary Canal 1.5. Territary Canal 1.5. Territary Canal 1.6. Lund Consolidation 1.0 2.541 1.000 3.601 1.6. Lund Consolidation 1.0 2.541 1.000 3.601 1.6. Miscellaneous 1.0 2.541 1.000 3.601 1.7. River Tening 1.0 2.541 1.000 3.601 1.8. Miscellaneous 1.9. Miscellaneous 1.0 2.606 1.074 3.600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Kari Rud M.C.											292	172	464
1.5. Fertiary Chan1	1.4. Secondary Canal					•						4 150	5,174	9,334
1.6. Land Consolidation 10 2.541 1.050 3.501 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 2.542 1.050 3.500 3.5	1.5. Tertiary Canal								•			1,314	3,087	4,401
1.8. Miscellanous 10 77 12 39 272 116 116 118 118 118 119 119 118 118 118 118 118	I.6. Land Consolidation	10	2,541		3,601							25,412	10,500	35,400
1.9. Miscellaneus 10 38 2 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.7. Piver Training	10	27		39			٠				272	116	388
1.9. Miscellameous 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	I.S. O/M Road	10	3 88 6		9.4	•						380	200	400
HE - I Sub-Total (I) - 2.606 1.074 3.680 0 0 0 0 0 0 32.127 20.333 16.777 1.002 1.012 3.680 0 0 0 0 0 0 0 0 0	1.9. Miscellaneous	91	300		;00								00	
Survey & Investigation	HE- I Sub Tatal (1)		2,606		3,680	00	00		- -			33,127	20,313	53,440 49,236
Survey & Investigation			٠							•		17 E	496 306	5,612
D.D.and Supervision Building/Motor Pool Building/												374	795	1.170
Building/Martor Pool Land Acquisition Land Corpensation Land Corpensation O. & N Equipment O. & N Equipment O. & N Equipment O. & N Equipment O. & N Equipment C. & O. & N Equipment C. & O. & O. & O. & O. & O. & O. & O. &				•.							٠,	3 693	4,847	9,540
Land Acquisition and Compensation 5C 293 33 326 56 56 56 56 66 56 56 66 56 56 66 56 56												60	90	150
Administration (% of 1.) 5 % 139 26 319 0 0 0 0 0 0 1.856 1.017 130 54 184 0 0 0 0 0 0 0 1.856 1.017 103 54 184 0 0 0 0 0 0 0 0 1.856 1.017 103 68 1.017 104 1.017 105 1.017 105 1.017 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		. og	293	88	326				t			0 0 585	2.016 1.612 66	2.016 1,612 652
Physical Contigency 10 % 251 101 362 0 0 0 0 0 0 0 3.514 2.033 (% of 1.) 251 101 362 0 0 0 0 0 0 0 0 3.554 1.672 1	Administration (% of 1.)		293	25.25	319	Φ,					0	1.856	1,017	638 2,673
9) - 3.290 1.268 4.558 0 0 0 0 0 0 47.926 31.672 25.888 3.290 1.190 4.480 0 0 0 0 0 47.215 25.888 2.290 1.190 4.480 0 0 0 0 0 0 47.215 25.888 21.436 25.75 7.147 12.922 0 0 0 0 0 0 0 87.705 77.257 2.15.5 \$ 2.775 8.777 12.462 0 0 0 0 0 0 67.705 77.257 2.15.5 \$ 3.415 17.462 0 0 0 0 0 0 116.412 123.110	Physical Contigency (% of 1.)		261 261 261	107	181 368 362	200			_ 0 6		000	3,314	2.031	5.345
F.C. 4:8 % 5.775 7.147 12.922 0 0 0 0 0 0 68.485 91.438 91.438 1.C. 15.5 % 5.775 8.707 12.462 0 0 0 0 0 0 67.705 77.267 1.C. 15.5 % 9.065 8.415 17.480 0 0 0 0 0 0 116.412 123.110 9.065 9.065 7.447 16.567 0 0 0 0 0 0 14.920 103.155	HE- I · Total (1∼9)		3.290	1,268	4.558	00	c o		`:	·.	00	47.926	31, 672 25, 838	79,598
9.065 8,415 17,489 0 0 0 0 0 0 116,412 123,110 0 0 0 0 116,920 103,155 0 0 0 0 114,920 103,155	<pre>10. Price Contingency F.C. 4.8 L.C. 15.5</pre>	ويد ولد	5,775	7,147	12.922	50	50				00	68,486 67,705	91.438	159.924
	Total	1	9 065	8,415	17 480	00	00			0 0	00	116,412	123,110	239,522

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

							į							
• • •	Mark Description/Item	E	Total x Mili Fin.L.C. Eco.L.C.	rta! .L.C. Fin.Total .L.C. Eco.Total	** E 60 E 61 E 61	1993 X Fin.1.0	Million Rls Fin. Total Ecc. Total %	F. F. C. C. C. C. C. C. C. C. C. C. C. C. C.	1994 X Mil Fin. L.C. E	Million RIS Fin Total Eco. Total	83 B	1998 X Min Eco. L. C. 78	% Million fils .C. Fin.Total .C. Eco.Total	
#ii	C. Haraz East District(II) I. Construction Cost													
		96	00	0 -										
	1.2. Diversion Dam	303	455	758			100	303	455	58				
	1.3. Main Canal/Drain	747	443	1,187			, 100	744	44.0	1,187				
	Kari Rud M.C.	226	200	320				o o o	0.57	57)				
÷	1.4. Secondary Canal	1,076	1,036	2,112										
	1.5. Tertiary Canal	1,147	1,46	2,588				٠						
	1.6. Land Consolidation	15,757	7,955	23,712										
	1.7. River Training	210	0 1	300							•			
	1.8. 0/M Road	334	. H .	351										
	1.9. Miscellaneous	# C C	ŋ o c	n i					:					
	- HE-II Sub-Total (1) -	19,797	11.570	31,367 29,077		00	O U	1,047	898 146	1,945	00	00	00	
2.	Procurement of Equipment	3,751	363	4,114					. *					
က်	Survey & Investigation	317	673	990. 990			50	B 6	337	496 50	159	337	300	
4	D.D. and Supervision	2,708	35.5	8,251				0	697	£	135	178	313	
က်	. Building/Notor Pool	44.4	# 19 c	110			20	53 G	13	22 50	222	186		
(10)		:00	1,705	1,705			÷	•	:	09 23	100	. 69 g	60 to 00	
۲-	o & M Equipment	495	55	4, COS							>	70	760	
ထဴ	. Administration (% of 1.) 5 %	0000 0000	579	1,569	0	0	00	22		76	00		04	
o,	. Physical Contigency 10 % (% of 1.)	1,980	1,157 976	2,454 2,137 2,908	500	900	30 0	105	90	195 72	900	300	ာစစ္	
	- HE- II · Total (1~9) -	30,080	19,723	49,803		00	٥٥	1.372	1,383	2,755	315	1.401	1,717	
10	10. Price Contingency F. C. B. W.	42.898	57,431	100,329	000	000	000	1.507	1,855	3,352	200	2,159	2.523	
į	1.0.15.58	227.34	2	000+	•		> ;	7	,		,	77	200	
	Total	72.978	77,154	150,132	0	00	00	2,879 1,723	3.228	6,107	680	2,560	4,240	
į	***************************************	111111111111			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					-			***************************************	

TABLE E. 2.2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

			-						1	1		1111111111	
Nork Description/ltem	Fin.F.C.	1956 X K Fin.L.C. Ecc.L.C.	Million RIS Fin Total	Fin.F.C. Eco.F.C.	1997 X Million Fin.L.C. Fin.To Eco.L.C. Eco.To	illion RIS Fin. Total Eco. Total	800 800 800 800 800 800 800 800 800 800	1996 * Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total	Million Ris Encrotal	Fin.F.C.	1999 X Ki Fin.L.C. Ecc.L.C.	Million Ris- Fin. Dotal	
C. Haraz East District(II) 1. Construction Cost 1.1. Storage Dam						or .	. 0 0	00	0 10	90	60	.	
1.2. Diversion Dam							•	•			•	."	
1.3. Main Canal/Drain			•										
Kari Rud M.C.			. 25	57	33	90 25	57.	33	90 25		33	66.80	
1.4. Secondary Canal	15 161		316 35	161	155	316.20	215	207	422 20 376	1.5	207	376	
1.5. Tertiary Canal	10 115	144	259 I5	172	216	388 15	172	216 159	338 15	172	216	331	
1.6. Land Consolidation	2		01	1,575	795	2,372 10	1.576	796	2,372.15		1,193	3,557	
1.7. River Training			10	21.27	, D) Q	30 10	217		30 15		11	9 5	
1.8. 0/M Road			10	* en e) (J e	05 88 50 10	888	1010	35 15		(C) V	25.25	
1.9. Miscellaneous			10	300	900	0.0	900		SIOC		00	00	
- HE-II Sub Total (1) -	2.76 2.76	299	575 503	2,020	1,211	3,231	2,074	1,263	3.337	2,890	1,666	4,556	
2, Procurement of Equipment	50 1,876	182	2,058 50	3.875	182	2,058					٠		
3. Survey & Investigation			•										
4. D.D. and Supervision	10 271		627 IS	406	533 477	939 20	199	711	1,252 15	406 406	533	9 8	
5. Building/Noter Pael	30 13	20 20	888		•	.) - ⁽¹ -		
6. Land Acquisition	20 05		853 883						• •				
7. O & W Equipment	•		<u> </u>			٠							
8. Administration (% of 1.) 5 %	\$1 1		- 2 3 £	101	50.5	162	104	63 56	167	145	83 75	228	
9. Physical Contigency 10 % (% of 1.)	28 28 28	30 57	3.58	202	121	303 303 308	207	126	318	289	167	438	
- HE-II-Total (1~9) -	2.478		3,888	4.605	2,108	6,713	2,926	2,163	5.089	3,730	2,449	5, 179	
10. Price Contingency F.C. 4.8 %	2.989	3,123	6.112 5.459	5,822	4,333	10.155	3.877	8,135	9.012	5,179	5.879	11,694	
! ہـ.									-				
Total	5,467	3.858	10,345	10.427	6,441 5,515	15.942	6.803 6.803	7.298	13.038	8,909 8,909	9,164 8,023	18.073 15.932	
\$PB\$\$4-1-1-1-56\$84141-1-1-1-1-1-5544844444				1					,				

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

Work Description/Item	** 	11. 12. 12. 12. 12. 12. 12. 12. 12. 12.	2000 X Mil Fin. L. C. 2	Million RIS C. Fin.Total	F12 C.	2001 X MI Fin.L.C.	Million Rls Fin.Total	H. F. C.	2002 x Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total	lion Ris in.Total co.Total %	F15. F. C.	2003 X #1] Fin.L.C. F	03 x Million Ris L.C. Fin. Total L.C. Ecc. Total
C Harar Rect District []]	1				,			•					
1. Construction Cost 1.1. Storage Dam	135	0	0	± 0	0	0	0 15	0		0 15			o c
1.2. Diversion Dam		0	0	0	۵		.	3	ò	•	.		>
1.3. Main Ganal/Drain							-		٠			٠	
Kari Rud M. C.	52	57	33	06 08				٠				. :	
1.4. Secondary Canal	15	191	155	316 15	161	155	316						
1.5. Tertiary Canal	15	172	216	388 15	172	216	388 15			88 8 8 8 18 8			
I.S. Land Consolidation	15	2,364	1,193	3.557 I5	2,364	1,153	3,557 15			3,557 10	1,576	796	2,372
1.7. River Training	15	, 32 22 23 24 25 25 26 27	121	46 15	32	77	46 15			46 10	21	ഗ ധ	39.5
1.8. 0/N Road	15	385	-1 (O ×	23 TS		105	53 15		יריז <i>יו</i>	53 10 54	. e. e.	1 KJ M	65 C
1.9. Miscellaneous	15	200	,00	0 15	200	, 00	. 0 15			010	00	00	00
- HE-11 Sub·Total (1) -		2.836 2.836	1,614	4.289	2,779	1.581	4,380	2.618		3,523	1,630	765	2,395
2. Procurement of Equipment													
3. Survey & Investigation													
4. D.D. and Supervision	SI	406	533	939 10	271	356	627 5 555	135	178	313 5	135 135	178	313 277
5. Building/Motor Pool		2	į		•	i							
6. Land Acquisition													
7. O & M Equipment										0.50	248 248	28	276 270
8. Administration (% of 1.) 5 %	9-5	142	31	223	139	79	218	131	71	202 136	82	40 38	122 120
9. Physical Contigency 10% (% of 1.)	3-5	284	161	445	278	158	435	262 262	143	40 80 80 80 80	163	77	244 240
- HE-]]·Tota] (1~9) -		3.568 8.688		6,057 5,766	3,467	2,174	5,641 5,391	3,146	1,618	4.964	2,258	1,134	3,392
10. Price Contingency F.C. 4.8 % L.C. 15.5 \$	94 P6	5.337	7.566	12,903	5,287	7,952	13,239	5,028	7,631	12,709	3,782	5,534 5,095	9.316
Total	!	9,005	9,955 8,742	18.960	8, 754	10, 126	18.880	8,174	9.499	17.673	6 040 5 040	6, 568 6, 139	12,708 12,179
	1								\$ \$ 1				

TABLE E. 2.2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

		•			1									
Work Description/Item	**	Fin. F. C.	2004 Fin.L.C. F	Million Ris C. Fin.Total C. Eco.Total	74 100 100 100 100 100 100 100 100 100 10	ப்ப	5 × 5 5	Million Rls Fin.Total Eco.Total %	Fin. F. C. Eco. F. C.	2006 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	ls al Fin.F.C. al Eco.F.C.	Total Fin.L.C. Eco.L.C.	llion Ris Fin.Iotal Eco.Total	
C. Haraz East District(II) I. Construction Cost	:	,	<			d		c	. :					
l.l. Storage Dan	o		- 0	 	⊃	o 0	- 0	• •						
1.2. Diversion Dam									٠		ć,	<i>i</i> .		
1.3. Kain Canal/Drain							-	•			K. ii	4.1	٠.	
Kari Rud M.C.											n idi			
1.4. Secondary Canal											1.074	1,034	2,108	
1.5. Tertiary Canal		٠									5 A A			
1.6. Land Consolidation	01	1,575	796	2,372				•			15.71			
1.7. River Training	01	23.		3 8 E				٠			19.4 2.5			
1.8. 0/N Road	01	128		វិស ភ							u ini i			
1.9. Miscellaneous	0.7	go		ရှင် (-	rá	•		
- HE-II Sub Total (1) -		1,630	807 765	2,437			00.	00	00		0 19,800 0 19,321			
2. Procurement of Equipment		-				÷	1				3,75			
3. Survey & Investigation										-	7 F		:	
4. D.D. and Supervision					٠.	٠					2,7		5,262	
5. Building/Motor Pool											z ***			
6. Land Acquisition			:		٠.						•	1,706 0 1,364	1,706	٠.
7. 0 & M Equipment	50	248	58	276							36			
8. Administration (% of 1.)	n.) 9-6		188	122			Ó.	00	0	0				
 Physical Contigency (% of 1.) 	10 %	163	8 18 F	244 240 240		200	200		300	; > 0 0	0 I.933	1,156 1 978	1,450 3,139 2,911	
- HE-II . Total (1~9) -		2,123	956	3,079		00	00		00		0 30.089 0 29.538	19,730	49.819	
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	96 96 Ch (Ch	3,726	ம் ம	9,114 8,810			00	00	. 00		0 42,898 0 42,293	: *		
Total		5,849	5,344	12,193		0.0	0	000	0	0	0 72,987 0 71,831	7 77,161	150,148	
	ŀ					1								

TABLE E.2.2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

1.1. Stocker 1.2.	Wark Description/Item	Eta. F. C.	Total x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Tetal	ion Ris Fin.Total Eco.Total	Fin. F. C. 250. F. C.	1993. X Million Fin.L.C. Fin.To Eco.L.C. Ecc.To	illion Rls Fin. Total Ecc. Total %	F 10.	1994 X Million RIS Ein.L.C. Fin.Total Eco.L.C. Eco.Total	Million RIS Fin.Totel	## ## C. #. C.	1995 X Million Rls Fin.L.C. Fin.Total Ecc.L.C. Eco.Total	ion Ris n.Total o.Total
1.2. bivaction Dam 156 227 395 150 25 26 26 26 26 26 26 26	Haraz East District(III) I. Construction Cost I.1. Storage Dan	0	0	0.		3 4 4 1 1 1 1		1 1 1 1 1				c c c c c c c c c c c	· .
1.3. Nein Comm. 1.4 1.5	1.2. Diversion Dam	158	237	395 395			100		237	មា ស ស			:
National Part Nat	1.3. Main Canal/Drain	92	153	245 A			. 100		153	245			
1.4 Secondary Canal 1.451 1.375 2.855 1.5	Kari Rud M.C.	900	တွင် လူတိုင်	187				•	•	•			
1.5. Terriary Cane Sec. 2 775 1.513	1.4. Secondary Canal	1,451	1,378	2.825			* - 2						
1.6. Land Consolidation 8.522	1.5. Tertiary Canal	542	971	1,513									-
1.5 Naver Training 199 47 156	1.6. Land Consolidation	8.522	4,841	13,363									
1.9. Miscellaneurs	1.7. River Training	601 601	t- 00	156							٠		
HE-III Sub-Total (1) - 11,133	I.8. 0/M Road	151	7	153						•			
He-III Sub-Total (I) - 11.133 7.703 18.835 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.9. Miscellaneous	100	00									-	
Procurement of Equipment 2.046 199 2.244 Survey & Investigation 144 306 2.004 Survey & Investigation 144 306 3139 3.415 D.D.and Supervision 1.476 1.539 3.415 D.D.and Supervision 1.476 1.539 3.415 Each Acquisition 2.24 2.25 2.25 2.25 2.25 2.25 2.25 2.25	- HE-III Sub-Total (1) -	11,133	7,703	18.835	00	00	00	250	390 0	640 0		00	00
Survey & Investigation 144 306 450		2.046	158	2,244									
D.D. and Supervision 1, 476 1, 551 2, 405 2, 415 2		144	306	450						90	72	153	225
## Building/Motor Pool. 1,170		r 10 00	1.939	3,415								ļ	į
Land Acquisation and Compensation 225 23 245 25 26 245 26 245 26 245 275 275 275 275 275 275 275 275 275 27		24.0	900				20	មាន	⊢ ¢		12	18	30
### Description (% of 1.) 5 % 255 25 250 #### Administration (% of 1.) 5 % 255 25 250 ###### Administration (% of 1.) 5 % 255 25 250 ###################################			775	775				•					
Administration (% of 1.) 5 % 557 365 942 0 0 0 13 20 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		225	322	220									
Physical Contigency 10% 1.113 770 1.883 0 0 0 0 25 39 64 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Administration (% of 1.) 5	557 557 544	385 385 315	942 942 840	00	90	00	51 0	20	ద్ద ల	00	00	00
1) - 16.718 12.137 28.855 0 0 0 0 293 456 749 84 171 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Physical Contigency (% of I.)	1.113	770 830	1,683		, • 0	.00	25.0	ဗ္ဗ ဝ	64	00	00	90
E.C. 4.8 % 28,470 43,150 69,620 0 0 0 0 322 606 930 97 263 L.C. 15.5 % 3 470 43,150 69,620 0 0 0 0 0 5 8 13 97 213 L.C. 15.5 % 8 13 97 213 43,505 63,373 106,878 0 0 0 615 1,054 1,679 181 434 181 351		16,718	12.137	28.855	00		00	293	456 6	749	8 8	171	255
42,505 63,373 106,878 0 0 0 615 1,054 1,679 181 434 42,500 53,016 53,916 0 0 0 10 14 24 181 351		26,787	51,236	78,023 69,620) 0 0	90	322	8 B	930	7.69	263	360
			63,373	106,878	00	0	00	615 10	1,054	1,679	181 181	434	615 532

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

***************************************				1								
¥ork Description/Item	**	1996 X Mi Fin.L.C. Eco.L.C.	Million Rls Fin.Total . Eco.Total	######################################	1997 X Mil. Fin.L.C. Fi	Million Rls Fin. Total Eco. Total	Fin. F. C. 300, F. C.	1998 x Million Fin.L.C. Fin.TC Eco.L.C. Eco.TC	on Ris .Total .Total %	200 600 700 700 700	1999 x Mi Fin.L.C. Eco.L.C.	Million RIS Fin. Total Eco Total
D. Heraz East District(UI) I. Construction Cost I.1. Storage Dam					 	10	0	0	0 10	0	0	•
1.2. Diversion Dam							0	0		9	6	6
1.3. Main Canal/Drain			٠			•	•					
Kari Rud M.C.			25	30	17	47 25	30	17	47 25	30	17	47
1.4. Secondary Canal				og S	14	4		14	44	218	207	425
1.5. Tertiary Canal									10	218	158	376
1.6. Land Consolidation										er C	. 11	125
1.7. River Training									٠.			00
1.8. 0/N Road					-							0
I.9. Miscellaneous						٠.				٠		
- HE-III Sub-Total (1) -		00	00	30	17.	44	39	12.7	47	302	321	623 545
2. Procurement of Equipment			٠.		· .			٠	50	1.023	on on	1,122
3. Survey & Investigation	50 72	153	225					٠.		1.023	79	1, 102
4. D.D. and Supervision	72	123	185			· κ	74	56	171 15	22.1	291	512
5. Building/Motor Pool	30 7	Ħ	82				74	78		221	233	454
6. Land Acquisition and Compensation 7. O & M Equipment		35	9			. 20	00	388	388 50 310	96	388	388
8. Administration (% of 1.) 5 %		0.	000	710			~ ~ ~	Ħ	m :	ឆ្ន	91	31
9. Physical Contigency 10 % (% of 1.)	000	000		100	-01-1	ଅପଟ	N 09 19	ᆔᅅᆏ	ധവം	3888	75 F	27 52 54
- HE-III·Total (1~9) -	97	164	243	ម ម	20	ტ წ.	109	505	60 r 41 c	1.591	1,147	2,738
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	99 99	292	387	44	148	385	144		1.343 1.103	2,209	3, 145	5.354 4.678
10141	174	456	630	79	61	140	253	1.704	1.957	3,800	4,292	8.092
	F17	ias	150	۵,	D	971	253		1,616	3.860	3,370	7,176

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

		e grand																				
	2003 x Million RIS Fin.L.C. Fin.Total Eco.L.C. Eco.Total	. 0	>			425	375	167 2.004	1,943	22 22 23	£ 0	2,701 2,551			512	4. 4.			135	270 270	10,999 9,876	14.617
: "	2003 X Mi Fin.1.C. Eco.1.C.	0 0	>			207	158	105 726	965 7	ω ri ι	N 0 1	1,087 337			587	233			55 1	109	7,520	9,061
	Fin. F. C. Eco. F. C.	0.0		-		218	218	1,278	1,278	9 17 1	27	1.614 1.614 1.614			221	777			81	151	3,479	5,556 5,556
	Million Ris Fin.Total	0 15				556 15	227 15	2:004 15	1,943	22 22 15	9I 0	0 2,842 2,675			512 15	454			142	782 782 782 783	10,301 9,240	14,082 12,770
	2002 x Mil Fin.L.C. F Eco.L.C. B	00	•			276	146	726		ω×α	701	1,156 989			291	552			58	2 11 8 3 12 8	5,788	8.470 7.158
	Fin. F. C.	Öe				290	087 81	1,278	1,278	218	70.	1,686 1,686			221	177		٠	8,5	200 E	3,452	5.612 5.812
	01 x Million Rls L.C. Fin.Total L.C. Eco.Total %	0 15	•	-		556 20	227 15	2,004 15	1,943	22 22 15	23 0 15	2,842 2,675			583 15	n 000			142	285 285 268	9,691 8,700	13, 643 12, 381
	2001 x Mil Fin.L.C. F	00	,			276	146	726	565	ω ⊢ ι	700	1.155 989			886	310			80 4	24. 91. 91.	6.284 5,293	8,002 6,740
	860.F.C.	0.0	>			290	818	1.278	1,278	21 21 21	701	1.686 1.686			295	ce.			8	8 16 E	3,407	5,641 5,641
	00 x Killion Ris L.C. Fin.Total L.C. Ecc.Total %	0 15	>		47	425 20	227 15	2,004 15	23 15	22 22 15	51 0 0 15	2,748 2,598	1.122	701.1	512 20	ţ			137	274 259	9.814 9.013	14.507
	2000 x Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total	00	>		77	207	146	726	0 0 0 0 0	α ⊶ α	V O C	1,104 951	9 cg 1 cg	2	291	267			88	110	5,254	6,913 5,859
1	Fin. C. C. C. C. C. C. C. C. C. C. C. C. C.	. 00	,		88	218	917	1,278	16	428	100	1,844 1,644	1.023	1,043	221	177			82	164	4.550	7.694
	à-8	15			. 25	15	13	15	15	35	15		20		뛾				11) 94	7 OT	où rù ss ss	
	Work Description/Item	Haraz East District(III) 1. Construction Cost 1.1. Storage Dam	1.2. Diversion Dam	1.3. Main Canal/Drain	Kari Rud M.C.	1.4. Secondary Canal	1.5. Tertiary Canal	I.S. Land Consolidation	1.7. River Training	1.8. 0/# Road	1.9. Miscellaneous	- HE-III Sub·Iotal (1) -	Procurement of Equipment	Survey & Investigation	D.D.and Supervision	Building/Motor Pool	Land Acquisition and Compensation	& M Equipment	Administration (% of 1.)	Physical Contigency (% of 1.)	 Price Contingency F.C. 4.8 L.C. 15.5 	Total
	Og.	. Haraz 1. C	1	н		H	erit.	r-i	-	H	ij	ī	2; 8;	3. Su	4. D	5. 8	ъ. Гв	7. 0	8. Ad	9.	10. Pr	

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

		:	. :									
Mark Description/Item	94 22 00 22 00 20 00 20 00	7004 Fin.L.C Eca.L.C	Nillion RIS Fin. Total	Fin.F.C. Eco.F.C.	2005 x Mill Fin.L.C. Fi	Million Rls Fin.Total Ecc.Total 2	Fin. F. C. Eco. F. C.	2006 x Million Fin.L.C. Fin.Tc Eco.L.C. Ecc.Tc	ilion Ris Fin Total Ecc.Total	Fin. F. C. Eco. ?. C.	Total x Mill: Fin.L.C. Eco.L.C.	llion Rls Fin. Jotal Eco. Total
D. Haraz East District(III)			1 1 1 1 1 1 1 1									
I.I. Storage Dam	10 0		0 10	00	o.c	00					0.0	00
1.2. Diversion Dam	•				,	•		٠		158	237	98
1.3. Main Canal/Drain						-				929	153	245
Kari Rud M.C.										020	ာ တွင် တွင်	188
1.4. Secondary Canal	15 218				٠					1.452	1.380	2.832
1.5. Tertiary Canal	15 51			:d :	146	227				550	973	1.513
1.6. Lend Consolidation	15 1.278	726	2,004 15	1,278	725	2,004 10	852	284	333	8;520 8,520	4.840	13,360
1.7. River Training			-	18	ς ι ~ 0	23 10	726	ຼູນກາ ສ	6 E	107	5.54	15, 953
1.8. U/M Road	15 21			21	ο ⊷ τ		1 2 2	* +1 +	ខ្មែ	140) , ,	147
1.9. Miscellaneous	13			700	ų o c	0 10	200	406	1 - 0 (200	300	20 C
- HE-III Sub-Total (1) -	1,614	1.087	2,701	1,398	980 779	2,276 2,175	877 877	446	1,367	11,129	7,705	18,834 17,180
2. Procurement of Equipment									٧	2.045	198	2.244
3. Survey & Investigation			:							144	300 300 946	450
4. D.D. and Supervision	10 148	194	342 5	74	- 53 F	171			,	1.475	1.940	3,415
5. Building/Matar Pael	o ≠ -1			₹	0	767				24.2	36	3, 623 60 80 80 80 80
6. Land Acquisition			٠.	•						*00	776	776
7. 0 & M Equipment			90	5113	213	126 50	113	ഇള	126	225	526	252
8. Administration (%_of_1.) 5 %	163		135	70	77	211	44	3 12 1	5 E	558	986	556 557
9. Physical Contigency 10 % (% of 1.)	181	109	128 270 255	07 140 140	88. 38. 38.	228 228 216	4 8 83 4 88 83	77 78 78	137 133	545 1,113 1,088	315 772 630	860 1.885 1.716
- HE-III-Total (1~8) -	2.004	rit rii	60 64 64 64 64 64 64 64 64 64 64 64 64 64	1,793	1,122	2.915	1,122	577 525	1,699	16.715	12,145	28,860
 Price Contingency F.C. 4.8 % L.C. 15.5 % 	3,517	8,139 5,949	11,656	3,298	7,304	10.602 9.704	2,163	3,947	6,110	26,470	51.235 43,150	75,023
Total	5.521	9,583	15.104	5,091	8,426	13,517	3,285	4.915	8,200	43.502	63,381 53,023	106,883
			1	11111111111	***************************************							

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

					٠	İ						
Work Description/Item	В 1 г. С. С. С. С. С. С. С. С. С. С. С. С. С.	Total x Million Ris Fin.L.C. Fin.Total Eco.L.C. Eco.Total		Fin.F.C. Fi	1993 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Ecc.Total	94	ein.F.C. Fi BCO.F.C. BC	1994 X.Million Rls Fin.L.C. Fin.Total Eco.L.C. Ecc.Total	R18 Tall 141	E.C. F. C.	1995 X Million Ris Fin.L.C. Fin.Total Ecc.L.C. Eco.Total	ion Ris n.Total
E. Amol West District(I) I. Construction Cost	k 9 1 1 1 1 1 1 1 1 1 1											
1.1. Storage Dam		o o	00									
1.2. Diversion Dam	88	120	200 188									
I.3. Main Canal/Drain	625	816	1.441		•							
1.4. Secondary Canal	1 10 to 10 t	85.54 85.54 8.55	1,084						4			
1.5, Tertiary Canal	785	730	1.781									
1.6. Land Consolidation	11.714	4,834	16.578		-							
1.7. River Training	1356 1356 14	525	407									
1.8. 0/M Road	210	. II &	221						·			
1.9. Miscellaneous	200	900		٠.	-							•
- AW- I Sub-Total (1) -	14,285	7,427	21,712 21,065	0 0	00	60	00	ф <u>о</u>	00	00	00	00
2. Procurement of Equipment	2.387	231	2,618							:	į	
3. Survey & Investigation	952	551	810						20	130	276	406 351
4. D.D. and Supervisian	1,722	2,262	3,584				-			:	;	ď
5. Building/Motor Faal	23°	342	70			50	ധ ധ	00 t	13 20 13	3 Z	31	32
 Land Acquistion and Oorpensation O. M. Equipment 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,395 1,116	1,395 1,116 450						÷			
8. Administration (% of 1.) 5.%	7140	37.1	1,085	00		00	00	00	. 0	00	00	0 0
9. Physical Contigency 10 % (% of 1.)	1,429	743	2:172		00	00	00	೧೦	00	00	00	၁ဝ
- AW- I -Total (1~9) -	21,229	13.067	34,296	00	90	60	மம	86	13	144	238	382
10. Price Contingency F.C. 4.8 % L.C. 15.5 %	32,872 32,872	42,343	80.610 75.215	00	00			-	1 18 8 1 18 18	166	367	233
Total	54, 101 54, 101	60.805	114.906	00		00	13	Б Н	32 23	310	755 605	3,055
				***************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	;		, , , , , , , ,				

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

	** ** ** ** ** ** **			30 24	ï						•	22	*.	50 130		30				A A	нн	364
	ပ်ပဲ	į										** **		0 9	•	တ္ထ		P4 P	27	82.63	199	1
	1996 x Million Rls Fin.L.C. Fin.Total Eco.L.C. Eco.Total	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3.05 20.05	;							32		276	;	13		2.5	t ser en		589 78 477 67	920 1,284
	9-5	! !		60 40	១			. •	:			. 80 . 86		406	ил <u>.</u>	21	80	ကက	ர் ம	496 433	788 67 6	% 8
	Fib. F. C. Eco. F. C.			3 22	ខេត្ត	;						88	٠		8 8 8 8		00	មាមា	10	196	248	444
	1997 Fin.L.C. Fin Eco.L.C. Ec	# # # # # # # # # # # # # # # # # # #		8 6	89.5							130			113		898 558	~ ₩	ен ен	961	1,975	2.936
,	Million RIS 3. Fin. Total 3. Ecc. Total &		10		145 15	я]	01					225	50		199 15		698 50 558	12	23	1,157	2,223	3,380
	Sco. 7. C.		00	24	96.00	52.5	5. 5.	2	ı			249 249	1,184		258 258		00	22	52 52 52 52	1.738	2,303	4,041
	1998 - x Mil. Fin.L.C. Fi Sco.L.C. Ec		00	36	122	0.00 4 0.00 4	100	?				315 247	116	:	339		55 88 52 88 53 88	15	25.83	1,516	2.599	5,115
	Million Ris Fin.Total Eco.Total %		0 10	92 E	216 15	109 15	179 15	0 35	0 15	55	ii)	554 496	1,310 50		557 15 530		698 558	28	57 50	2,254	5,902	9,156
	85 60 71 72				9 5	77	8011	1.757		3 2 2 8	00	2, 131	1.194		258 258			107	213	3,903	5,419	9,322
	1999 x Mil Fin.L.C. F Eco.L.C. E			٠.	122	8 K	149	730	80 =	100		1.096	116		339				110	1,716	4.157	6,421 5,673
	Million Als Fin.Total . Eco.Total		o e		216	162	267	2,487	51.	. % S	00	3, 227	1.310	; ;	597 530			162	323 313	5,619	10,124 5,576	15,743

TABLE E. 2. 2-14 ANNUAL DISBURSEMENT SCHEDULE BY SUB-DISTRICT-WISE (WITHOUT MANGOL DAM CASE)

								. !					
Mork Description/Item		Fin.F.C.	2000 X K Fin. L. C. Ecc. L. C.	Million Rls Fin. Total	Fin.F.C. Eco.F.C.	2001 x Mil Fin.L.C. E	Million Rls Fin Total Ecc. Total %	869. 19.19. 19.19.	2002 × Mil Fin.L.C. F	Million RIS Fir.Total Foc.Total	865.5.C.	2003 x Mil Fin.L.C. E	Million Rls . Fin. Total . Eco. Total
E. Amol West District(I) I. Construction Cost	-	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; 1 1 1 1 1 1 1	1 1 1 1 1 1								
1.1. Storage Dam	P*I	15	0 0	SI 0		90	51 0	• •	00	0 15	00	00	00
1.2. Diversion Dam		•		>	•	,	,			•	•	•	
1.3. Main Canal/Drain	Н	50.00		216 15	75	122	216 15	8.8	721	216 15	9,4	122	216
1.4. Secondary Canal	Н	77.		162 15	# L F	ກເກີດ	162 15	7.1	ត្ត ស្គ ភ ស	162 15	* t- t		162
1.5. Tertiary Canal	-1	118	. 65-L	267 15	118	0 00 0 0 00 0	267 15	118	149	257 15	118	149	257
1.6. Land Consolidation	-	15 1.757		2,487 15	1,757	730	2,487 15	1.757	730	2,487 15	1,757	730	2,487
1.7, River Training	,~<	1,757		2,470	1,757		2,470 61 15	7.75 53		2,470 E1 15	1, (3)	2,8	191
1.8. 0/M Road	-	15 32	12.	34 15	223	12.	34 15		400	34 15	350	777	# ** u
1.9. Miscellaneous	-	32 15 0		35 0 15	0 32	m 0	35 0 15		, O	35 0 15	20	90	ဂ္ဂ ဝ
- AW- I Sub-Total (1) -		2,131	1,086	3,227 3,132	2,131	1.09£	3, 227 3, 132	2,131 2,131 2,131	1,096	3,227 3,132	2,131 2,131 2,131	1,095 1,001	3,227 3,132
2. Procurement of Equipment					-								
 Survey & Investigation 													
4. D.D. and Supervision	ä	15 258	0 to 0	597 15	258	339	597 15	25.5	939	597 15	258	339	597
5. Building/Motor Posl		0 07	7/7	ခင် ဝ	9 67	717	222	977	212	2	2	1	3
6. Land Acquisition and Compensation 7. O & M Equipment													•
8. Administration (% of 1.)	94	101	55	162	101	មាន	162	107	35.0	182	107	ម្ដា	162
 Physical Contigency (% of 1.) 	3-8	107 213 213	110 100	157 323 313	213 213	110 110 100	323	213 213 213	110	323	213 213	1100	323
- AW- I · Total (1~9) -		2,709	1,600	4,309	2,709	1,600	4,309	2,709	1,600	4,309	2,709	1,600	4.309
10. Price Contingency F.C. 4.8 L.C. 15.5	94.94 (N.00	3.942	5.067	5,009 5,449	4,131	5.853	9,964 9,336	4,329	6,760	11,069	4,537	7.808	12.345
Total	1	6,651	6.687 5,930	13,318	6.840	7,453	13,468	7.038	8.360	15.398	7.246	9,408	16,654
	}		İ										