Irrigation Water Requirement for Typical Cropping Pattern in Zone - A

Table 3-5.1

Companies Comp	Coope	Transmir				;	-																	Cirit: 1	Unit: lit/sec/ha
Area (Milvec/ha) Area (Milvec/		ᇺ	Jan.	-	G.	Mar		Apr.	_	۷ay	<u>-</u>		E	_	Aug		Scp.		ğ		ió		٤	5	Bemarke
Store Construction Store		-	Early La	te Early	- Late	Early 1	_			<u> </u>	Early	L	Early	⊢	۳.	la a	L	4	_	1227	1.	12,22			THE PART OF THE PA
Septences - 1	Paddy	50.0%		٥	0	c	c	c			4		27.0	4	4_		- 1	_	_	۲.	\$	-1			ļ
Colores Colo	Dytatoes	20.00		; ;	,	2		5	5	• •			200						_					0,633	
Forting Signatures 1 250% 0.095 0.036 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T-during	0,5	0.0 150.0	88 C.14	0 0.136	0.050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ر د	0.00			
Strong color	Early Folatoes - 1	25.0%	0.095 0.0	98	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	. 0	0.00				
Figure Pagetables Construction	Late Potatoes	25.0%	0	0	0 0.032	0.166		_	2,5	0	0	U	C	_	c	_	_	_	C		,				
S. Vegetables-1 250% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Summer Vegetables (Total)	80.0%	0	c	c	c	_	10			0.10	• <	۰ د	, ,		> <	> 0	٠ ،		, ,	٠,	. ·		7.77	
S. Vegetables-Took 0.043 0.052 0.142 0.257 0.319 0.253 0.165 0.055 0.181 0.134 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S Westshler 1	200		,	, (> (5 ·		-	•	10.10	>	∍	>	5	Þ	5	5	9	- 0	-	۔ د	о ~	0.181	
N. Vegetables-1 25.0%	- Argengalan	9	.	- -	ت ح	0	о О	_			0.1%	0	0	0	0	0	0	0	0	.0	C	0	-	0.181	
T Vegetables- Total 100.0% 0.043 0.062 0.142 0.257 0.319 0.253 0.165 0.056 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5. vegetables-2	25.0%	0	0	0	0	0	0	٥	0	0	0	0	0	0	0	0	0	c	-	_	. ~		-	
W. Vegetables-1 250% 0.002 0.056 0.110 0.153 0.135 0.048 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Winter Vegetables (Total)	100.0%	0.043 0.0		2 0257	0.319 0	0		Š	0	0	C	c	· c	· c			000							
W. Vegetables-3 250% 0.003 0.007 0.022 0.104 0.184 0.205 0.165 0.059 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W. Vegetables-1	25.0%	_		200	0.135					• •		· <	,	,	,		3							
W. Vegetables-3 250% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	W. Venetalian		•			0.133			>	÷	⇒	2	-	0	0	٥	0	0	0	ر 0	<u>۔</u> ٥	3000		0.153	
W. Vegetables-3 25.0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	w vegetables-	5	_	_		0.18t	_	_	8	0	О	0	0	0	0	0	0	0	0	0	-	٠	·	0.205	
W. Vegetables-4 250% 0.019 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W. Vegetables-3	25.0%	0	0	0	0	0	0	ó	0	0	0	0	c	0	C	C	000						3	
(iii/sec/ha) 275% 0.189 0.187 0.282 0.424 0.535 0.505 0.441 0.187	W. Vegetables-4	25.0%	0.019	0	ء . ح	c	_	Ç			•	•				· c									
(iii) 275% 0.189 0.187 0.282 0.424 0.535 0.505 0.451 0.152 0.052 0.181 0.207 0.502 0.163 0.101 0.375 0.305 0.497 0.492 0.515 0.330 0.228 0.238 0.225 (imm/day)						,	,	,			2					د	5	<u>.</u>	- 1	- 1		- 1	- 1	0.132	
1.63 1.61 2.44 3.66 4.62 4.36 3.90 1.32 0.45 1.56 1.79 4.34 5.64 0.89 1.82 3.24 2.64 4.30 4.25 4.45 2.85 1.97 2.06 1.95		275%	0.189 0.1	87 0.28	2 0.424	0.535 0						0.502												0.653	_
24 258 366 476 603 609 409 60 50 030 030 030 030 030 030 030 030 030	(mm/day)				4 3.66	69																	•		
	шш		24.4		5 476	6	* 809	58.4 10			0.70		Č												_

Timit . list/occulus	Dominica	Nemet NS					••••	=						-								(Total)
1.4:4:1	Mar			6890	01.40	}	6.10	C	0.101	1 0	0.101	Ö	0.319	1.0		5	0.160	2	20.132	3	20.0	921
		,	1.410	Ю	6600	0.0	0.100	O	_	5 6	> (ö	0.085	000	3	5	ō	200	22,5	1	1.95	31.2
	7	1	Early	¢	. 610	210.0	0.09	0	· C	0 0	> (0	0.135	8000	3	>	0.024	201	330	2	8	30.8
	,		Talle	0	_	> 0	0.0.38	0	· c	0	۰ د	0	0700	_	•	>	0.0 0.0	7110	9000	9	1.97	29.6
	NS	Tours.	rany.	0.052		> <	0	0	_	•	> (⊋	0.278	С		>	0.146	0.133	0330		285	42.7
		1	T.	5,77	c	> <	⊃	0	_	9 6	•	>	0.243	C	٠ د	>	0.160	0.083	515		4.45	71.2
	č	E22411	, and	0.429	_	> 0	>	0	_	•	> <	⊃	0.063	C	• •	>	0.063	C	0.402		4 5	63.8
	6	1	1	67.0	C	•	Э.	0	-	· c	0 0	>	0	a	· c	٠ د	0	С	0.497		430	4,4
	Sep	Faria		0.305	c	> <	> '	0		· c	•	>	0	0	•	٠ د	0	C	0.305		6 4	39.5
		Ę		0.375	C	•	· c	0	C	· c	•	>	0	0	C	•	0	Q	0 375)	3.2 4.	51.9
	Aug	Early		0.211	C	, (>	0	C		•	>	0	0	c	•	0	0	0.211		<u>.</u>	27.4
	_	12.0		0.103	C		> '	0	0	· c	۰ د	>	0	0	-	۰ (0	C	0.103		680	14.3
	THE SECOND	Earty		0.653	C		۰ د	0	0	C	, (>	0	0	c	•	0	0	0.653		Ż	84.7
		Tate		3	0	· c	۰ د	0	0	C	• •	•	0	0	C	•	-	0	0.502		434	65.1
	Jul.	Farty		0.073	0		> 0	>	0.134	134		>	0	0	c	, (>	0	0.207	1	1.79	26.8
	2	Tate	Í	0	0	· c	•	>	0.181	0.181	•	•	0	0	0	•	-	0	0.181	ì	8	25.0
	May	Farty	1	0	0	_	> <	>	0.052	0.052	-	•	0	0	0	•	>	0	0.052		4	6.8
	Ę	Tate	•	>	0	_	•	>	0.016	0.016	C	,	200	0	0.050	•	>	0	990.0		Š,	8.5
	Apr	Early	1	•	0	<	•	>	0.015	0.015	C	,	0.165	0	0.165	•	>	0	0.180	,	ń	23.3
	Mar	Late	(•	0	_	•	>	0	0		1	i i	0.0	0.205	•	>	0	0.253	ċ		34.9
	Z	Early Late		>	8	0		>	0	0	c	,		0.135 0.04	0.104 0.184 0.20	¢	> '	0	0.369			47.8
	Feb	Late	١		0.136 0.050	_		>	0	0	С	1	Š	0.153	0.10	ς.	י כ	0	0.392	000		4
	H	Early			0.088 0.140			>	0	0	C	,		0.110	0.032	<	۰ د	0	0.282	24.0		36.6
	Jan	Early Late			0.0	0.036			-	-	0	١		0.056	0.007	_		Ω	0.189 0.187 0.282 0.392 0.369 0.25	1.2.1		25.8
		Early			0.051	0.095		•	<u>-</u> -	_					0.03	_	2	5.0% 0.019	0.189	1 53	3	24.4
	Cropping	Area	5	2	25.0%	25.0%	į.	. i	50.0%	25.0%	25.0%	20.00	2000	200	25.0%	25.0%	200	25.0%	250%			
Intensive - II Type	Crops			,	loes	Early Potatoes - 1	Late Potatoes		Summer Vegetables (1 otal	S. Vegetables-1	S. Vegetables-2	Winter Vecatables (Tatal)	or regulation (10dd)	w. vegetables-1	W. Vegetabies-2	W. Vegetables, 3	T. M.	w. vegetables-4		(mm/dax)	(Sime arm)	mm
틸			Paddy		Potatoes	É	Jate	,	2			11.				_			Total			

Intensive - III Type																								•		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Crops	Cropping	Jan	7	Feb.	-	Mar	-	Apr.	F	May	-	Im	-	131	-	Ano	-	5	ځ		N	-	2	ľ		E COSC
	4 1763	Farly	210	Early 1 ste Early 1 ste	T ofe I	Control Tate	4.	T. 100	╁	Toute.	+	L			,	۲L	,	. L		ار		1	3		Max	NUMBERS
Dadon	20.02		,		1	,			Tane I	_	Alc Li			carry Late	te Early	y Late	Fariy	Late	Early	Late	E E	Late	Early	Late	_	
ו פרוני	25.56	> 	9	⇒	-	-	0	0	0	0	0	0.073	0.502 0.6	0.653 0.103	03 0.211	11 0 375	5 0.305	5 0 497	0.479	5750	0000	-	c	1	24.0	
Potatoes	25.0%	0.051	0.088 0.140		0.136 0.050	050	0	0	С	c	c	_	c									,	2			
Early Potatoes - 1	25.050	8000			· c		• •		, (,	٠,	> 0	> 0	۰ د	، د	> (- ' 	٠ -	>	>	>	>	٠.		9.14	
I ate Detritor		3			۰ د	> (> 1	э .	>	>	>	>	5	>	0	0	<u> </u>	0	0	0	0	0.028	0.091	0.109	0.10	
LAME FORMACS		>	∍	>	5	0	0	0	0	0	0	0	٥	0	0	0	0	0	C	C	c	0	c	-	c	
Summer Vegetables (Total)	stal 50.0%	0	0	0	0	0	0	0.015 0.	0.016	0.052 0.	0.181 0.	134	¢	0	0	· c	_	. ~		· c	· c	•	• •	5 6	5	
S. Vegetables-1	1 25.0%	0	0	Ç	0	c	0	0.015 0	0.016	_	_	7	· c	, <		,	, c		> 0	> <	> <	> <	> (5 (0.10	
S Vegetables,7	2 2500	c	c	ç	c						,	1		٠ (•		•		>	>	>	>	5	5	0.181	
	_		2	9)	>	>	>	>	>	5	5	Þ	0	0	0	ب ص	0	0	0	0	0	0	0	O	
winter vegetables (Total)			0.056	0.056 0.110 0.153 0.135	0.153	7.135 C	0.048	0	0	0	0	0	0	0	0	0	0	0	0.063	5760	8000	0000	0135 0	1800	22.0	
W. Vegetables-1	-1 250%	0.03		0.056 0.110 (3.153	0.135 0	0.048	0	0	0	0	c	0	c	c	_	<i>و</i>	. ~	•					-	2	
W. Vegetables-2	2-2 0%	0	0	0	0	0	c	0	c	· C		· C	· C	· c	· <		, ,	•	•	0 0	o c	- > c	0 950 10	7	A .	
W. Vegetables-3	5-3 25.0%	0	0	C	c	c	c	_		C		· c	٠ د	٠ د	,				9				9	5	5	
W Vecetables		25.00.00.00	(,	•	,	٠,	,	> +	>	>	>	>	_	~	9	3	97.7	0.080	0,024	ے ا	0.166	
T. T. CELLERA	1	0.013	2	5	-	2	0	5	5	٥	0	0	0	٥	0	0	ب و	0	0	0.083	0.132	0.117 0	0.103 0	0.064	0.132	_
Total (lit/sec/ha)	225%	225% 0.186 0.180 0.250 0.289 0.184 0.048	0.180	0.250	0.289	3.184 C		0.015 0.	0.016 0.	0.052 0.	0.181.0	0.207 0.3	0.502 0.6	0.653 0.103	03 0.211	1 0.375	5 0,305	0.497	0.492	0.515	0.330	0.328.0	0.258	0 225	0.653	
(mm/day)	-	1.61	1.55	2.16	8	1.59	0.41	0.13	0.14 (434 5	5.64 0.89					25.						4.0	_
B E		4	24.0	32.5	32.4	23.9	6,6	61	Çi	6.8	25.0	26.8 6	65.1 8		13 27.4	4 51.9			63.8	71.2	42.7		***		823 (Total)	- (reso.

Table 3-5.1 (continued) Irrigation Water Requirement for Typical Cropping Pattern in Zone - A

2. Remote Area Type in Zone-A Remote - I Type

k. Remarks		83	*	\$	ō	31	381	0	156	32	87	ca ca	5.64	766 (Total)
Max	_	0.653	3 0.097	2 0.12	_	0 0.181	0.181	_	7 0.181	4 0.132	3 0.087	7 0.653		
Dec	Late	٥	0.048	0.032	_	_		_	0.147	0.0	0.083	0.227	1.96	31.4
Ā	Early	0	0.033	0.012	0	0	0	¢	0.170	0.103	0.067	0.215	1.86	27.8
	Late	0	0.012	٥	0	O	0	0	0.169	0.117	0.052	0.182	1.57	23.5
Nov.	Early	0.052	0	0	0	0	Ф	0	0.181	0.132	0.049	0.233	201	30.2
- -	Late	0.272	٥	0	0	0	0	0	0.108	0.083	0.025	0.379	3.28	32.5
ğ	Early	0.429	0	0	0	0	O	0	0	0	0	0.429	3.71	55.6
<u> </u>	Late]	0.497	0	0	0	0	0	0	0	0	0	0.497	430	4
Sep	Early j	0305	0	0	0	0	0	0	0	0	٥	0.305	42	39.5
-	Late	0.375 (0	0	0	0	0	0	0	0	0	0.375	3.24	51.9
Aug	Early	0211	0	0	0	0	0	0	0	0	0	0.211	1.83	4.72
-	Late	0.103	0	0	0	0	0	0	0	0	٥	0.103	0.89	14.3
Juf	Early	0.653 (0	0	0	0	0	0	0	0	0	0.653	5.64	7.18
-	Late	0.502	0	0	0	0	0	0	0	0	0	0.502	4 34	65.1
la.	Early []	0.073	0	0	0	0.134	0.134	0	Ф	0	0	0.207	1.79	26.8
-	Late	0	0	0	0	0.181	0.181	0	0	O	0	0.181	1.56	220
May	Early	٥	0	0	0	0.052 (0.052	¢	0	0	٥	0.052	0.45	89
-	Late	0	0	0	0	0.016	0.016	0	0	0	0	0.016	0.14	21
Apr	Early	0	0	0	۵	0.015 (0.015	0	0	ø	0	0.015	0.13	6:1
	Late	0	0	0	0	ō	Õ	0	0	0	٥	ō	0	0
Mar	Early]	0	0	0.050	0	0	0	0	0	0	0	0.050	0.43	6.4
<u> </u>	Late	0	0.043	0.136	0	¢	0	0	0.036	0	0.036	0.214	1.85 0.43	24.0
Feb.	Early	0	0.097	0.140	Φ	0	0	0	6,000	0	0.079	0.316	2.73	41.0
<u> </u>		0	0.087 0.097	0.088	0	0	0	0	0.087 0.079 0.03	0	0.087	0.362	227	36.3
Jan.	Early Late	٥	0.060	0.051	0	0	Ó	0	0.00	25.0% 0.019 0	0.080 0.087	200% 0.210 0.262 0.316 0.214 0.050	1.81	57.5
Cropping	Area	50.0%		25.0%	%0	50.0%	25.0%	25.0%	50.0%	25.0%	25.0%	200%		
Crops		>	ne	Sec	Early Potatoes - 2	summer Vegetables (Total	S. Vegetables-1	S. Vegetables-2	Winter Vegetables (Total)	W. Vegetables-4	W. Vegetables-5	(lit/sec/ha)	(mm/day)	
L		Paddy	Legume	Potatoes	Early	Sum			Wint			Total		

Area Early Late Early Subsequence (Total Score October Strong Subsequence (Total Store October Subsequence October Subsequence (Total Store October Subsequence October		0.043 0.043 0.043	Early Late 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Early 1	ŀ		ŀ	Ļ		i		,	Š	-	3					ď	Remarks
\$00% 250% 250% \$(Total 250% bles-1 250% (Total) 500%		0.043 0.043 0	00000	1	1216	Early L	1	Early Late	e Early	y Late	Early	ate	Early 1	ate	Early La	Late Early	ly Late	Early	Late		_
250% 0% 250% biss-1 250% biss-2 250% (Total) 500%		0.043 0 0	0000	ت -	0	0	0	0.073 0.502	22 0.653	3 0.103	0.211	0.375	0305 0	0.497 0.	0.429 0.	0.272 0.052	25	0 0	0	0.653	
25.0% 0.100 50.0% 0.100 25.0% 0 25.0% 0 50.0% 0.099		000	000	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0.012	2 0.033	0.048	0.097	
25.0% 0.100 bles-1 25.0% 0.099 0.009		00	00	٥	0	0	٥	0	0	0 0	0	0	o	0	0	0	0	0	0	٥	
25.0% 25.0% 25.0% 50.0% 0.099	00	Ф	0	0	0	o	0	0	0	0 0	0	Q	0	0	0	0	0	0 0.025	0.081	0.102	
25.0% 0.099	0		•	0.015	0.016	0.052 0	0.181.0	0.134	0	0	0	0	0	0	0	0	0	0	0	0.181	
25.0% 0.099		0	0	0.015	0.016	0.052 0	0.181.0	.134	0	0	0	0	0	0	0	0	0	0	O	0.181	
50.0% 0.099	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	٥	0	
	7 0.079	0.036	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0.108 0.181	81 0.169	9 0.170	0.147	0.181	
W. Vegetables-4 25.0% 0.019 0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0.083 0.132	32 0.117	7 0.103	90.0	0.132	
W. Vegetables-5 25.0% 0.080 0.087	6/0.0 /	0.036	0	0 (0	0	٥	0	o	0	٥	٥	٥	۰	0	0.025 0.0	0.049 0.052	2 0.067	0.083	0.087	
(lit/sec/ha) 200% 0.259 0.276 0.224 0.078	6 0.224	0.078	0	0 0.015	0.016	0.052 0	0.181.0	0.207 0.502	02 0.653	S 0.103	0.211	0.375	0.305	0.497 0	_	0.379 0.233	0	2 0.228	0.277	0.653	
(mm/day) 2.24 2.39	9 1.93	0.68	0	0.13	0.14	0.45	38.	1.79 4.34		22.0.89	- - -	3.24	2.64 4	4.30	3.71 3	3.28 2.01	01 1.57	7 1.97	2.39	3.6	
mm 33.5 38.2	2 29.0	8.8	0	1.9	21	8.9	250	26.8 65.1	3.1 84.7	7 14.3	27.4	51.9	39.5	4 .	55.6	52.5	30.2 23.5	5 29.5	38.2	242	

ate Early 0.092 0.002 0.	Feb Mar Apr. May	Jun Jul.	Aug Sep.	Oct Nov.	Dec Max Remarks
(Total) 95.0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Early Late Early Late Early Late Early	-	Early Late Early Late	Early Late Early Late Early	Late
63.3% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0.092 0.636 0.869 0.741	0.413 0.713 0.579 0.955	0.883 0.770 0.331 0.052	0 0.955
31.7% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0.092 0.636 0.827 0.131	0.267 0.475 0.386 0.630	0.544 0.344 0.065 0 (0 0.827
69.0% 0.137 0.272 0.396 0.524 0.654 0.396 0.033 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0.041 0.611	0.145 0.238 0.195 0.325 (1,339 0,426 0,265 0,052 (0 0.611
3.0% 0.004 0.008 0.014 0.015 0.006 0 0 0 0 0 0 0 0 0 10.0% 0.027 0.037 0.049 0.022 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.396 0.524 0.654	0 0 0 0	0 0 0 0	0 0 0 0 03;	2 0.086 0.654
13.0% 0.027 0.037 0.049 0.022 0 0 0 0 0 0 0 0 0 0 0 0 0 0 13.0% 0.026 0.046 0.073 0.071 0.026 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		00000	0 0 0 0	0 0 0 0 0	1 0.003 0.015
13.0% 0.026 0.046 0.073 0.071 0.026 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0	0 0 0 0	600.0 0 0 0 0	9 0.015 0.049
50% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.071) 0 0 0 0	0 0 0 0	0 0 0 0 0000	5 0.017 0.073
0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0) 0 0 0 0	0 0 0 0 0000	0 0 0 0	0 0.001
rr Vegetables 0% 0	0 0 0 0 0 0) 0 0 0 0	0 0 0 0	0 0 0 0	0 0
(III/sec/ha) 195% 0.195 0.363 0.531 0.633 0.686 0.396 0.053 0 0 0.092 (III/day) 1.68 3.14 4.59 5.47 5.93 3.43 0.46 0 0 0.80	0 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0
1.68 3.14 4.59 5.47 5.93 3.43 0.46 0 0 0 0.80		0 0.092 0.636 0.869 0.741	0.413 0.713 0.579 0.956	0.883 0.770 0.331 0.052 0.048	8 0.121 0.956
	4.59 5.47 5.93 3.43	0 0.80 5.50 7.51 6.40	3.56 6.16 5.01 8.26	7.63 6.65 2.86 0.45 0.42	2 1.05 8.26
mm 25.3 50.2 68.8 71.1 88.9 54.8 6.8 0 0 0 12.0 8	68.8 71.1 88.9 54.8	0 120 824 1126 1025	53.5 98.6 75.1 123.9	114.4 106.4 42.8 6.8 6.3	3 16.8 1,320 (Total

Irngation Water Requirement for Typical Cropping Pattern in Zone - B

Table 3-5.2

Intensive - I Type		133	-	7	-		-		-								3	_	3	L	N. Carlot	-	Š		-	: litisec/ha
8 .	Area	Early	ate 1	Early	ale Pie	Mar Early	Zate Ea	Apr. Earty Late	te Early	May Iv Late	F A	Late	Early	ate	Early	Aug.	<u> </u>	_	ᅥ	age EE	Nov. Early Late	Early C		ž Į g	r. remains	3
Paddy	50.0%		-	1.	۱_	0	٦		┧	1	┨	J	_	┪	0.125	_	.1	0.414 0	0.431 0.	1 →		┧		0 0.653	æ	
Potatoes	25.0%	0.060		0.127	0.124	0.047	0	0	0					0	0	0	0	0	0	0					<u></u>	
Early Potatocs - 1	25.0%	0.113	0.035				0		٥	- 0				0	0	0	0	0	0	0	0	0.091	601.0 169		<u></u>	
Late Potatoes			0		0.024	0.155 0.2	<u> </u>	0			0	0 0	0	0	0	0	0	0	0	0	0	0	0		<u> </u>	
Summer Vegetables (Total	1 50.0%		0	0	0	0		0.018		0				0	0	0	0	0	0	0	0	0	0		<u>t</u>	
S. Vegetables-1	25.0%		0	0 (0 (0	ð •	0.018	0 0.043	0				0	Φ 1	0 1	0 (0	0 (0 (0 (0 (0	0 0.147	5 0	
S. Vegetables-2	25.0%	۵ <u>د</u>					0 5		۽ ه	0 0				00	0	0 0	0 0	o c		ې م ⊂	; c		0136	0000	5 g	
winter vegetables (10tal) W. Veoetables, 1		900	2000	1 7800	380	70 9210	8 ₹	0.1 /t C	₹ 5		.			> <	> C	o c	> <	, , c	5 } }	ာ် စုဇ ရှေ	>				000	
W. Vegetables-2		0.000				013			0.042					¢	0	0	0	0	0	0	0				19	
W. Vegetables-3		0					0		0		. 0	0		0	0	0	0	0			0.146 0.0		0.024		80	
W. Vegetables-4		0.0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0		0.101.0.				0.064 0.132	32	1
Total (lit/sec/ha)	275%	0.252 (F	,				١٠	١ -	0	<u>ا</u>	ľ	~	0	0.125	l	l	٦	٦	1	i i	1 0	l	Lº	83	
(mm/day) mm		32.6	1.56	317	325	4.32	4.58 4 73.3 6	4.10 0. 61.5 1.	0.99 0.14.8	0.37 1.27 5.5 20.3	7 0.59 3 8.8	9 434 8 65.1	2.42 4.74	0.83	16.2	1.27 20.4	34.9	3.57	61.0	4.95 79.2	2.85 42.7	1.97 2 29.6 3	2.06 1 30.8 3	31.2 9	5.64 944 (Total)	÷
Intensive - II Type																								5	Unit: lit/sec/ha	[본
Crops	Cropping	Jan		Feb.		Mar	-	Apr.	-	May	Ë	Jun	Ju	ıł.	Aug		a.	-	Oct		Nov.		Dec	Max.	x. Remarks	뙲
	Area	Early	Late	Early 1	Late	Early La	9	ורו	ate Early	ty Late	Early	믜	Early		Early	Late	arly 1	ate	urly		Α	Late	Early 1.			
Paddy	50.0%	O 6			0 ;	0 1	0 0	0 9	0	0 0	0.0	0 %	0.65	0.10	0.12		0.270 0.	4 0	0.431 0		0.052	000	0 0	0 0.653	0.633	
Fordioes Farly Polatines	3,5	0.00	0035	77.0) C	,	o c	o c		00		00			0	o c	o	0	0 0					0.113	
Late Potatoes	1	0	0	0	Ó	0	0	0	0							0	0	0	0	0					0	
Summer Vegetables (Total	1 50.0%		0	0	0	0		0.018	0 0.043	43 0.147						0	0	0	0	0	0	0	0		0.147	
S. Vegetables-1			0	o _i	0	0		0.018	0 0.043							0	0	0	0	0	0	0	0	0	0.147	
S. Vegetables-2	25.0%	0 2	0 0		0.00	٠ د د		0 7	0 0	00		00	00			0 0	0 0	0 0	0 0	ر و ب	~		C	_	5 9	
winter vegetables (10tal) W. Vegetables-1		00.0							į o	00						0	٥٥	0	, } }		5				0.138	
W. Vegetables-2		0.007					16	0	042			0	0 0			0	0	0					0		0.216	
W. Vegetables-3	25.0%	0 00	φ.	0.0	00	00	00	0 0	0 0	00	00	0 0	00	00	0 0	00	00	00	900	0.178 0.	0.146 0.0	0.082 0.0	0.024	0 6	0.178	
ŀ	_	CO.D	_ [٥.			- 1	_ 1	- 1	- 1		- 1	٠l			- 1				- 1		1	
Total (lit/sec/ha)	50°C	0252	0.181 - -) 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0	0.352 26.25	0346 038 03	۵ پي	0.191 0.0	0.042 0.043	037 177	17 0.068	8 0.502 4 4 4 4	0	0.103	21.0	0.147	0.270 0.85 c	0.414 	0.471 407 0	0.573 0.573 0.	0.330 0.7	0.228 0.	0.238 0. 2.06	0.225	0.653	
(for min)			25.0		39.5				,				84.7			20.4		53.6	_						839 (Total)	(F
Intensive - III Type												,												. T		, h
Crops	Cropping	IE :	┝	ŀℛL		Mar		Apr		λέΜ	1	Jun T	吗	냚	Aug.		Sep.		Ö		Nov	-	Dec		Max Remarks	E
77.14.	Area		- (- (rany C		rarry L		z c			C Fally	y Late	Famy	Tage	<u> </u>	Late 0	Carry :	2 2 2 2	rarry 1	Talc D		2 0	- 1	2	0.652	
Potatoes	25.0%	0000	0086	0127 (0.124	0.047	0 0	9 0	, c		3	3	5	5	3	ì	0	10	10	t o	0	0			0.127	
Early Potatoes - 1	25.0%	0.113				٥	0	0	0	0	0		0			0	0	0	0	0					0.113	
Late Potatoes		0	0	0	0	0		0								0	0	٥	0	0	0	0	0		0	
Summer Vegetables (Total			0	0	0	0		0.018		Ö						0	0	0	0	0	0	0	0		0.147	
S. Vegetables-1			0. (0 (0	0 (0.018	o	o						0 (0	0 0	0	0 (0 (0 0	0	ට ට (0.147	
Vegetables-Z	2 4	0 69	- 50 0					> c	>	5 C	5 C	20	9 6	-		-	> <		900	0278 0					2,00	
W. Vegetables-1	. XI	9 9				0.126 0.0	150	0	0	• •						0	0	0	0	0					0.138	
W. Vegetables-2			0	٥	0	0	0	0	0	0						φ.	0						Ö	6	0	
W. Vegetables-3	1,50% 1,50%	003	0 0	00	0 0	0 0	00	00	00	00	00	00	00		00	00	00	- 0	900	0.178 0	0.146 UU 0.132 Q.	0.082 D. 0.117 O.	0.103		0.178	
	_	25.0	\ \f			, <u>1</u>	, Ş) at	1	E		5	١٣	1	1	0.147	1	1	1	1	3		1	.L	0.653	1
(mm/day)	,,, 	12.5		1.83	377	2. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	3 4 6	0.15	30	0.37 1.27	27 0.59			0.89	8.5	7.5					1.85				2 4 Toto	÷
HI HI		- 1	1				- 1	1			-		İ	1			ì						- 10	be cont	- pont	

Table 3-5.2 (continued) Irrigation Water Requirement for Typical Cropping Pattern in Zone - B

2. Remote Area Type in Zone-B Remote - I Type

2. Remote Area Type in Zone-B Remote - I Type	φ								1											ı			sc/ba
	Cropping	Jan.		┝─┤	1.59 [ΑÞ	П	તા		141	-11		ÄL			ı					1	Max. Ro	Kemarks
		Early Late	Early	Lale	Early Late	Early		Early Late	ŭ,	-1	L STATE	-	Early La	Late Early	IV Late	s o tar	1 ate	Farry	alle c	_i		0.643	
Paddy			0	0					5	2					ř	ř	ì	3	0			7000	
Legume		0.078 0.085	0.086				0				> (> (-	.					,			193	
Potatoes		0.069 0.086	0.127	0.124 0.0	0.047	0	0	0	0		φ.	0	D (> (- ·		~					-	
Early Potatoes - 2	0%0	0	0 .	0	0						0	0	0	0						> 0		5 ţ	
Summer Vegetables (Total	50.0%	0	0 0	0	0						0	0	0)		7+1.0	
S. Vezetables-1	25.0%	0	0 0	0	0	0.018	Ö	.043 0.147	7	0	0	0	0	0		0	0	0	0	φ.		7.147	
S. Vegetables-2	25.0%	0	0	0	0	0	0		0		0	0	0	0								Ö ;	
Winter Vesetables (Total)		0.121 0.085	6900	0.032	0		0				O	0	0	0								0.181	
W Veortables-4			C	0		0	0	0	0 0	0	0	0	0	0	0		0 0.101					0.132	
W Veretables-5		0	690.0	0.032			0				0	0	0	0	0		0.038	0.049	0.052	0.067	0.083	8600	
Total (littles ha)	.i	7300 8900	2,00		7200	8100 0	c	0.043 0.147	7 0.068	0.502	0.653	0.103 0	0.125 0.	0.147 0.2	0.270 0.414	4 0.431	0.433	0.233	О	0.215	0.227	0.653	
			2.43	•		0 015			_			_						1 2.01	1.51	1.86	1.8	5.64	
nm mm			36.5			0 23					84.7	14.3		_	Ŕ	55	86	9 30.2		27.8	31.4	690 (Total)	Total)
														•							•	7 To is 1 The face of the) اع
Remote - II Type		٠											ŀ		ļ					(Ī)III. 1117	Sec. iis
Crops	Cropping	, an	Feb.	_	Mar	Apr.		May		Jun	Jal.	-	얆		Ŗ.		빙		ăI.	Sec.	Ţ	Max.	Kemarks
	ا	Early Late	Early	Late	Early Late	Early	Late E	Early Late	H	Late	Early		Ę	-	Early Late	ш	Late		Ř	Early	-1	-	
Padrie	1.6	0	0	0	0	0 0		0	0 0.068	0.502	0.653	0.103	0.125 0.	0.147 0.2	270 0.414	4 0.43	023	0.05		0		0.633	
[equipe	25.0%	0.078 0.085	0.086	0.039	0	0	0	0	0		0	0	0	0	0	0			0.0	0.033		0.086	
Dotatoes	Š	0		-	_		0				0	0	0	0	0	0				0	ਰ	Ö	
Fordings	25.05.	4	0 0043	· c			· c		0		0	0	0	0	0	0		0		0.025	0.081	0.118	
Survey Polatices - 2	2 8			, c		0					0	0	0	0	0	0				0	0	0.147	
Summer Vegetables (10th	35.05		٠	o c				0.043 0.147	. 0	0	0	0	0	0	0	0	0	0 0	0	0		0.147	
S Vegetables	200.50			, c							0	0	0	0	0	0		0		0	Ö	0	
S. vegetables	1 5		900	0 E37			0	0	0		0	0	o	0	0	0	0 0.139					0.181	
Wine Veguanes (1927)	2 2						0				0	0	0	0	0	0	0 0.101			0.103		0.132	
W. Yegelaure-		č	960	0.037		, ,	· c	, 0	0	0	0	0	0	0	0	0	0 0.038	8 0.049	0.052	0.067	0.083	960.0	
1		2 5	à		,	9500	1	0000	2000	0.50	0.653	81.0	0.125.0	0 147 0	0.270 0.414	14 0 431	1 0.433	3 0.233	0.182	0.228	0277	6.63	
Total (ht/sec/ha)	2002	7 (150	ς Σ	. 1/00	> 6	0.016		>	_		,			,		,					_	4	
(mm/day)	_:	41.1 37.4	5. 5. 5. 4.	8.0	 	23	0	55 203			\$ Z	143				53.6 55.9					38.2		(Total)
		-																				1	
Present Cropping Pattern in Zone-B with a Conveyance Efficiency 80% after Rehal	1 Zone-B w	ith a Convey.	ance Efficie	acy 80%	after Reb	abilitation														ľ		Unit: lit/sec/ha	sec/ha
	Cropping	Jan	£	-	Mar		-	May	-	Jun	Jul		Aug.		141		ខា		۶L	2		Max	Remarks
•	Aga	Early Late	Early	Late E	Early Late	Early	Late	Early Late		Late	Early		- 1	_	- 1					Ear.	ate		
Paddy (Total)	95.0%		0	0	0	0 0	0	0											0.0		5 0	/88	
Paddy	63.3%		0	0		0	0	0	8	0.63							o o			> •	<u>.</u> خ	0.85	
Paddy (L)	31.7%	0	0		0	0	0	0			9				0.171 0.272	72 0340	0.445	5	5		5	0.01	
Wheat	20.69		0.357		0.622 0.41	90.0	0	0				0	0	0	0	ο.	0				0 5 5 7	0.0	_
Legume (L)	3.0%	0.006	0.012		9000	0	0	0				0	0	0	0	0	0					0.014	
Mustard	10.0%	0.034 0.036	0.043	0.019	O	0	0	0		0		0	0	0	0	0	0	0				90.0	
Potatoes	13.0%	0.036 0.045	0.066	0.065 0	0.024	0	0	0				0	0	0	0	0	0		0	0.0	0.017	0.000	
Maize	5.0%	0	0 : 0	0	0	0	0	0				0	ο.	٥,	0	0 1	۰ م	0 (0 0	0	
Summer Vegetables	0%		0	0	0,1	0 0	0 (0	0 (0 0	0 9	0 0	0 0	0 <	0 (0 0	-		0 0	> C	5 0	> C	
Winter Vegetables	3.0 3.0	0	0	0	0	0	٥	Þ	1			2	2	٥	-	5	١	٥			5	2	
	-					1		,			-		1			2			400	0,00		Local	

0.048 0.121 0.887 0.42 1.05 7.66 6.3 16.8 1.217 (Total)

0.052 (0.45 (6.8

0.887 0.818 0.331 0 1.766 7.07 2.86 1.114.9 113.1 42.8

0.295 0.280 0.512 0.796 2.55 2.42 4.43 6.88 38.2 38.7 66.4 103.2

0,636 0,869 0,741 0 5.50 7,51 6,40 82.4 112.6 102.5

0.086 0.75 11.2 000

0266 0356 0478 0582 0653 0419 0061 228 3.08 4.13 5.02 5.64 3.62 0.53 34.1 49.2 6.2.0 65.3 84.6 58.0 7.9

(lit/sec/bz) (mm/dzy) mm

Total

Table 3-6.1 (1/3) Irrigation Water Requirement in Zone - A (1/3)

Remarks															in total												_					864 in total						•	·—.	
Max. R		0.653	0.653	0.653		0.653				0.013	0.013	0.026	0.633	0.018	314 in												0.022		0.073	0000	3.5	864 ii								
	Late	0 225		0.225		3 5	_2						- 4	0.010	26.0	200	0.07		٤	770.0		0.013	,	,	:		0.008	200	20.0	0.201	0.028	73.9	0.069		1	0.052	- i	' 6	0.032	 -
	Early	238	0.238	0.238		0.213				0.005			0.233														0.008	- t	- 1	ı										
Nov.	Late	9000		0.228		2 6					- 1		- 1	0.010	25.2	0.00	5		, מיי	260.0	٠	0.024	•	•		ll	0.008	- 1	- 1	- 1	07070	66.5	0.09	•	•	0.079	1	' '	0.00	' '
	Early	0 330				0.233			1 1		- 1	1 1	0.281							d (. 10					3 0.011	- 1	- 1			2	m		٠	7	٠	, ,	+	
Oct.	Late	5150				0379							Į.	0.018	48.6	3500	50		0.00		·	0.035	•				7 0.018	•	7 0 0	- L	0.043	130.2	0.173			0.127			<u> </u>	
	Early	7 0 492		7 0.492		7 0.429					- 1		7 0.461	9	9		_	,	, ,	۱ ۱		0		,			7 0.017			- i	0	4	. 0		,	œ		1 4	٩	1 ,
	' Late	5 0.497		5 0.497		7640 6				ł .			5 0.497	0.016	41.6	731.0	0.15		' (-	7.7		0.060					0 0.017		50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	- 1	C.C45	116.4	0.430			0.328		,	<u>8</u>	
	Early	505.0 505.0		5 0.305		COCO 2	1		E		90000		5 0.305	2	.7	2	ţ		· É	<u>,</u> '		. 15		,			13 0.010			CUSUS C	2	888	S		1	8		٠,	ž.	
Aug	y Late	1 0375		1 0.375		5/50 1	- 1			ļ .			- 1	0.012	31.7	, C. C.	5		' E	5		0.031						,		- 1	0.03	88	0.560			0.409		,	0.093	
	e Earl	110 80		03 0.211		112.0 50	- 1			ı			03 0.211	15	39.6	5	10		' £	7 '		- 22						- 1	- 1	0.105 0.211	2	110.8	0.370		,	퍞		•	690.0	
Jul.	Early Late	53 0.103		53 0.103		S 0.103	- 1			1			0.653 0.103	0.015	36	ā	101.0		, E	3		0.027						- 1	- 1	C.633	0.042	11(03			0.241		i	ŏ	
<u> </u>	_	0 50 0 653				500 7050				1	- 1			0.014	36.8	ų	ή 13000		۰ ç	0.013	7007 8368	6000	0.005	36.5%			1	- 1	- 1	1	95.0	102.9	0.122	ļ '	·	9:00:0	0.004	9.3%	0.019	0.021 52.2%
	Early Late	+ 0 Z02 0				0.207							0.207 0.3	Ö	er,	č	3		č	öč	3 ex	ö	ō	36			1	- 1	0000	- [ට් 	ĭ	Ó	i		Ö	Ö	ο .	၁ (⊃ (2
	Late Ea	0.181				0.181.0	1	•		ı		[]		0.005	127	ξ	0.022		, 6	210.		0.00		,			t	- 1	- 1	ĺ	0.013	35.6	0.049	'	٠	0.027	1	1 ;	0.017	
May	Early L	0.050.0		0.052 0		0.052 0	1			ı		l i	0.052 0	Ρ			2		•)		Û					Ī.		0.00				٠	,		J		•	_	
	22	Ş				0.016 0				ı		1 1		0.001	1.6	7	o.o.p		، ر خ	0.010		0.005		1		i	Į.	•		- 1	0.002	4.5	0.037	, '	٠	0.023	1	1	0.012	• •
Apr	Early La	0.451				0.015				0.000	0.000	0.001	0.015 (ļ					-							ı		0.002	C'INTO										
	Late	205		0.048		-				į.		1 1	1	0.002	6.1		33.5	•	, ,	0.00	, ,	0.003	'			J	ı		0.002	- 1	0.00	10.4	0.024	l	٠	0.009	!		0.006	, ,
Mar	Early	200	0369		. !	900			n m3/se	0.004		0.004 0.001	0.092													in m3/se	0			8										
ا ا	Late	5		0.289		0.214	0.0.0		Diversion Water Requirement in m3/sec	0.004 0.005 0.006 0.004 0.001	0.002	0.007	0,222 0,228 0,237 0,184 0,092	0.008	20.5	* * * * * * * * * * * * * * * * * * * *	0.011	•	' è		207.00	0000	000	46.5%		Diversion Water Requirement in m3/sec				0.142	0.021	51.6	0.028	,	'	0.014	0.007	33,2%	0.009	59.4%
3	Early	66.0				0.316	t	:	er Requi	0.005	0.00	0.009 0.009	0.237													er Requ	6000	0.017	- I	0.232										. .0
Jan.	Early Late	2				0.262		- 1. - 1.	ion Wat			0.009	: 0.228	0.00	24.1	7.00	0.016	'	'	0.010	'	0.00	000	32.3%	, iii	ion Wat		- 1	- I		0.027	72.6	0.046			0.031			0.018	31.7%
Ţ	Early	0 180	0.189	0.186		0.210	2		Divers	0.004	9 0.005) (<u></u>							5 6		6.	nola	Divers	_			0.23		2		. u		5	Ü	تار	o o	ਲ <i>&</i>
	(£)					_ ^		<u>광</u>		20 ha 50.0%	20 ha 50.0%	40 ha 100%	t/sec/ha	(m3/sec)	1,000 шЗ		m3/sec	HI2/SEC	i	m3/sec	3 2 3	m3isec	m3/sec	P _S	dev Kl	8	34 ha 30.4%	78 ha 69.6%	112 ha 100%	(ut/sec/ha)	(m3/sec)	1,000 гв	m3/sec	m3/sec	₽₽.	m3/sec	m3/sec	હિ	m3/sec	m3/sec
t/sec/ha)	(Intensi	(2750%)	(250%)	(225%)		(200%)	307	Katun	8 语	20 h	20 h	40 h	nent (li			,	Q Q		•			196			Maha	112 ha	충	- 3	112 h			- 7	9	}					arge	٠.
ment (li	Pattern	Zone-A		9	Zone-A			AB-10 Katunje	1	2		for	requirer	equirem	int		×			narge		Discha			AB-14 Mahadev Khola	1:	 x		ō.	redure	edmiem	ent	963-19	}		harge			y Disch	
Require	Buiddon	Type in		TY III	ype in?	- 17ge	3/1		ion Area	III Typ	I Type	3/sec	iversion	verage n	squirem)ischarg	charge (,	in i	į ,	Monthly			:	ion Are	III Tyl	1,78	3/sec	Iversion	verage 1	equirem	Discharg	11.	o	tble Disc	Ħ		Month	<u>و.</u> स
Unit Diversion Requirement (lit/sec/ha)	Type of Cropping Pattern (Intensity)	Intensive Area Type in Zone-A	Intensive - II Type	Intensive - III Type	Remote Area Type in Zone-A	Kemote - 1 Type	omore 1	Name of Scheme:	Net Imigation Area:	Intensive - III Type	Remote - II Type	Total in m3/sec	Average diversion requirement (lit/sec/ha)	Monthly average requirement	Monthly requirement	Available Discharge	Mean Discharge (1963-1986)	E C	Nano	80% Keliabie Discharge Deficit	Date of	Minimim Monthly Discharge	Deficit	Ratio	Name of Scheme:	Net Imigation Area	Intensive - III Type	Kemote - II 1ype	Fotal in m3/sec	Average diversion requirement	Monthly average requirement	Monthly requirement	Available Discharge Mean Discharge (1963-1986)	Deficit	Ratio	80% Reliable Discharge	Deficit	Ratio	Minimum Monthly Discharge	Deficit
UnitD	۲	Intensi		Ē	Remot			Name	<u>Z</u>	耳	<u>~</u>	<u>면</u>	A	Σ	Ž	Ave	Ξ		-	5 0		<u> </u>	:		Name	Z	<u> </u>	ž į	Ĕŀ	<u> </u>	Σ	Z	Aw			8			<i>ž</i> .	

Table 3-6.1 (2/3) Irrigation Water Requirement in Zone - A (2/3)

Remarks									total															n total										
Max Re	-	0.653 0.653 0.653	0.653		0.038	0.112	0.161	0.107	2,077 in total								-		0.042	0.042	0.085	0.653	0.059	1,022 in total					•					
	-	0.225 0. 0.225 0. 0.225 0	0.227		0.0171			0.055	147.8	0.236		0.176	1	, 6) · ·		-		0.015			0.251	0.031	843		0.076	, ,	0.057		, ,	0.035	'		
Dec Early I als		0.238 0. 0.238 0. 0.238 0.	0.215 0		0.018		0.055 0			Ü		Ŭ		•	-				2100		1	0,233												
	7	0.228 0. 0.228 0. 0.228 0.	0.182 0.		0 6100	- 1		0.056	145.9	0.338	, ,	0.269	•	,	0.200				2100		7	t	0.032	81.9		0.111		0.089	1	•	0.069	,	۱ ا	
Nov.	<u> </u>	0.330 0. 0.330 0. 0.330 0.	0.233 0.		0 7000		0.064 0	0		O		Ų		٠	_				1000		ı	1												
1-1-		0.515 0. 0.515 0. 0.515 0.	0.379 0.		- 1	9	0.103 0	0.107	285.8	0.602		0.452	•	' ;	0.361	•			0 000			1	0.059	158.0		0.224		0.175	٠	•	0.139	•	٠	
1441	1y Late	0.492 0.5 0.492 0.5 0.492 0.5	0.429 0.		L.		0.110 0.448 0.	0	Ñ	Ċ		Φ		•	•				0000				1 1	,		Ū								
Ŏ	-!	0.497 0.4 0.497 0.4 0.497 0.4	0.497 0.		- 1	i	0.122 0.	0.099	255.7	1.481	, ,	1.129	١	٠	0.675	(١		- 1	0.032	- 1			135.1		0.500	٠	0.389		•	0,246	٠	'	
Sep.	Farry Late	0.305 0.4 0.305 0.4 0.305 0.4	0.305 0.				0.075 0.	Ö	74			i		,	0				- 1	0.020					1	•		J			_		ļ	
	_		0.375 0.3				0.092 0.	0.072	194.9	1.929		1.408		•	0.325	,	,		Ł	0.024 0	1			180	2	0.633		0.469		•	0.125	1	•	
	ly Late						0.052 0.0	1 1	15	-		Ä			Ö				- 4		0.014	1	Ł			O		Ç	•		٦			
	e Early	03 0.211 03 0.211 03 0.211		ļ			0.025 0.0	1 1	243.3	1.273		0.832			0.291				- 1		0.007			138.6	3	0.436		0.296	·		0.113	•	-	
Jul.	y Late	53 0.103 53 0.103 53 0.103	53 0.103 53 0.103			0.048 0.0 0,112 0.0	0.161 0.0	1 1	72	.		Ö			ď				- 1		0.042	- 1	- 1	-	1	0		_)		O			
-	e Early	32 0.653 32 0.653 32 0.653	02 0.653 02 0.653		1	0.037 0.0 0.086 0.1	1 1		226.1	0.429		0.141		ı	960.0	ı					0.033 0.			110 5		0.149	1	0.054	֓֞֞֜֞֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֓֓֓֡֓֓֡֓֡֓֡		0.038	0.008	18.4%	
Jun	Early Late	07 0.502 07 0.502 07 0.502	07 0.502 07 0.502		1 1	0.015 0.0 0.036 0.0	1 1	1	22	ò		Ċ			ö				1		0.013 0.	ĺ	1	-	1	Ö		c	•		Ü	Þ	77	
-	_,	31 0.207 81 0.207 81 0.207	81 0.207 81 0.207		}		1 1		78.2	0.167		· 600	,		0.058	1	1	1	1		0.012 0.	ī	i	613	7	0.053		- 020	3 ,	•	0.018	1	٠,	
May	Early Late	52 0.181 52 0.181 52 0.181	52 0.181 52 0.181		1 1	04 0.013 0.031	1 1	1 1	-			č	,		Ö) [0.003	- 1	ŧ			Ó		Ç	>		0			Ì
		52 0.052 56 0.052 16 0.052	16 0.052 16 0.052		ΙI	11 0.004 03 0.009	1 1	1	64.8	77	,	, 080	} '	,	0.042	,	,		f		- 1		0.010	1	7.0	0.041	k	- 900	970		0.014	•	í	
Apr.	y Late	1 0.152 20 0.066 5 0.016	.5 0.016 15 0.016			33 0.011 33 0.003		- L	3	0.127		Ċ	3		9				!				0.010	5		Ö		•	j ∶		Ó			
Mar Apr	: Early	5 0.451 3 0.180 8 0.015	0 0.015		1	0 0.003	1 1		0.	8	,	' 5	; ;	,	88	8	ક્ષ્ટ				- 1		0.024	3	19.8	0.038	,	Ş	C70.0	. 1	0.014	1	17,	
Mar	, Late	5 0.505 9 0.253 4 0.048			sec	0 0.037	R 0.037		114.0	0.099		, 150	3		0.038	0.005	10.6%		3,860	12 0.0			7600	j '	-	ö			⋽		Ö			
	Early	4 0.535 2 0.369 9 0.184	0.0		nt in m3	0.040		- 1	7	r r		, 5	2 23	Ŕ		21	8		ant in m	19 0.0					96.8	0.044	1	. '. }	7700	13%	0.019	9000	29.4%	
Feb.	/ Late	2 0.424 2 0.392 0 0.289	6 0.214		uireme	1 0.081	1 1		1742	0.113		, 000	0.002	2.4%	0.051	0.021	29.3%		quirem	0.016 0.019 0.012			- 1	5	۱	00		-	5 6	-	i 5	O	83	
	Early	7 0.282 7 0.282 0 0.250	2 0.316 6 0.224		Diversion Water Requirement in m3/sec	4 0.021 5 0.054	0.059 0.075	ร์ 2 ร t	m	15	1 1	٠ 1	ا <u>.</u>		88		ï		Diversion Water Requirement in m3/sec	12 0.0			0.228 0.237	3	28 4	0.055		1 9	0.040		0.026	0.003	10.2%	
Jan.	Early Late	9 0.187 9 0.187 5 0.180	0 0.262		sion W	4 0.014		- 1	146.3	0.155	ļ j	1 14	i.		0.068		1. 1		rsion W	12 0.012		- 1		3	-	8			ă		ŏ	ö	10	
	Early	0.189 0.189 0.186	0.210		Diver	6 0.014	1 L:	200	, m	-	, g	₽8°	R K	88	, Q	्रश	₽°	-	Dive	\$ 0.012			a) 0.222	5	6	- 8	<u> </u>	165	8	्र इ	Q 9	ğ	88	
	ક					74 ha 30.1%	246 hz 100%	(m3/sec)	1 000 m3	m3/sec	m3/sec	ì	38/200		m3/sec	m3/sec	-		g	65 ha 50.0%	65 ha 50.0%	130 ha 100%	lit/sec/h	(m3/sec)	1,000 m3	m3/sec	m3/sec		m3/sec	m3isec	m3/sec	m3/sec		
sec/ha)	Type of Cropping Pattern (Intensity)	(275%) (250%) (225%)	(200%)	AI -10 Kotkhu	246 ha	14t	246 h	-		ŀ	ĵ.		•		136	ı.		AI -13 Lubbu	130 ha	85	651	130	Average diversion requirement (lit/sec/ha)			(98	}		1	· ·	2106			
nent (lit	attern (Zone-A	one-A	01-1			Jor	Average diversion requirement		Ivailable Discharge			narge		Minimum Monthly Discharge			AT -13				for	require	Monthly average requirement	ent	vailable Discharge	}	•	charge		Kano Minimum Monthly Discharge			
equiren	oping P.	ype in Z Type Type	pe in Zz		Ę	Type	1 ype	ersion i	nireme	scharge		;	le Lisci		/fonthly				Are	III Typ	Type	3/sec	version	verage 1	quirem	ischarg haroe (á <u>.</u>		ble Disk	Ħ	Month	11		
rsion R	of Cos	nsive Area Type in Z Intensive - I Type Intensive - II Type Intensive - III Type	note Area Type in Z Remote - I Type		Net Irrigation Area	Intensive - I Type	Total in m3/sec	rage div	Monthly requirement	Available Discharge	Deficit	Ratio	80% Reliable Discharge Deficit	Patro	imum A	Deficit	Ratio	Vamo of Cohome	Net Irrigation Area	Intensive - III Type	Remote - II Type	Total in m3/sec	erage di	nthly a	Monthly requirement	Available Discharge	Deficit	Ratio	80% Reliable Discharge	Deficit	Кано	Deficit	Ratio	
Unit Diversion Requirement (lit/sec/ha)	Type	Intensive Area Type in Zone-A Litensive - I Type Intensive - II Type Intensive - III Type	Remote Area Type in Zone-A Remote - I Type Remote - II Type	Name of Scheme	Net	Inter	Tota	Ave Ave	<u> </u>	Avail	ž		Š		Min			Young	i i	Inte	Ret	E.	 	¥]	Mc	A. A.	Y Y	·.	8		7	<u>.</u>		

Table 3-6.1 (3/3) Irrigation Water Requirement in Zone - A (3/3)

Remarks							4,195 in total													r::		789 in total							
Max.	0.653 0.653 0.653	0.653		0.097	0.325												0.029		l i		0.05								
Dec Early Late		0.215 0.227		0.035 0.034	0.110 0.113	- 1	298.7	169'0	,	- 0.509		• 100	/ <i>6</i> 770	7			0.010 0.010	- 1		0.226 0.226	0.020	53.4	0.803	7	•	0.571		0.299	
v.	0.228 0.228 0.228	0.182		0.034	0.097	0.114	294.7	1.026	'	0.813		' (0.019	i			0.010	0.008	0.018	0.205	0.021	55.5	1 207	0	• ;	0.936	1	0.687	
ate Earl	1 10 10 10	0.379 0.233		0.077 0.049	0,209 0.130	- 1	577.3	2.043	, '	1.556	1	' 66	cuz.1		!		0.023 0.015	- 1	ł	0.447 0.281	0.040	106.9	2.326		' '	1.703		1.252	
e Early		77 0.429		74 0.073 73 0.149	47 0.223 37 0.448		7.7	8 2		- 55	٠,	، و	,				22 0.022		Į.	37 0.461	55	ı,	0		' ;	<u>4</u>		7	(;
Sep.		0.305 0.497		0.045 0.074 0.106 0.173	0.152 0.247		516.7	4.748	,	3.665		ć					0.013 0.022	- 1	- 1	0.305 0.497	0.035	91.5	5.810	•	•	4.424		2.637	
Aug Early Late		0.211 0.375 0.211 0.375		0.056	0.187	0.146	393.8	6.058	•	4.459	•	- 11	7.4.1	•			0.009 0.017	0.017	0.033	0.375	0.026	69.7	7.560	•	1 6	5.513		1.229	٠,
age	0.103	0.103		0.015	0.051	0.188	491.6	4.114	,	2.762	•	, 989 0	9000				0.005	0.005	000	- 1	0.033	87.0	5.000	1	' 00	3.203		0.935	٠,
Late Earl	0.502 0.653 0.502 0.653 0.502 0.653	0.502 0.653	1 1		0.250 0.325	1	456.8	1.361		0.432		- 0770	, '				0.022 0.029	,	- 1	0.502 0.653	0.031	80.9	1.565	•	, 66	0.578		0.178	
Early	0.207	0.207		0.031	0.103												0.009	0000	0.018	0.207		0							
May Early Late	0.052 0.181 0.052 0.181 0.052 0.181	0.052 0.181	1 1	1 1	0.026 0.090	1	158.0	0.466		0.237		- 0 144	5				1	- 1	- 1	0.052 0.181	0.010	28.0	0.569	-	- 44.0	7.0		0.154	
Tate	0.451 0.152 0.180 0.066 0.015 0.016	0.015 0.016	P 1	0.067 0.023 0.005 0.006	0.072 0.028	0.050	130.5	0.347	1	0.200	1	0.106		•			0.007	100	0.00	0.235 0.084	10.01±	36.2	0.417	•	, 0000	0.22.0	•	0.102	
Mar A Early Late Early	0.505 0.253 0.048	0 0		0.075	0.075	0.086	229.6	0.290	•	0.157	.•	. 80.0	'				0.022		770	200	0.02+	64.0	0.217	1	. 1960	ţ		0.013	0.011 45.5%
	0.424 0.535 0.392 0.369 0.289 0.184	0.214 0.050	ment in m3/		0.277 0.195	0.145	351.8	0.340		0.187		0.130	0.015	10.3%		ment in m3/.		0.009 0.002	ı	0.519 0.292	3.024	3.	0.235	•	0.043	.	ı ı	0.018	0.010 35.7%
Feb. te Early Late	0.282 0.282 0.250	0.316	'ater Require	28 0.042 91 0.110	0.152						,			,		ater Require	0.012	0.014	0700	200		20.0							- m . i
Jan. Early Late	0.189 0.187 0.189 0.187 0.186 0.180	0.210 0.262 0.259 0.276	1.21	0.028	0.203	0.110	295.7	0.478		0.327		0.187		-	¥ (2)	Diversio	8000	0.009 0.012	0.010	0.127 0.224	200	ਨ 	0.491		766.0	1		0.118	•
c/ha) ensity)	(275%) (250%) (225%)	(200%)	AL-19 Thika Bhairaw (1) a: 497 ha Divers		ent (lit/sec/ha)	(m3/sec)	1,000 m3	т3/ѕес	m3/sec	m3/sec	m3/sec	% m3/sec	m3/sec	8 ² .	Shair	88 ha		44 ha 50.0%	L		(A.S.)	EII OOO'I	m3/sec	m3/sec	m3;sec	m3/sec	ક્ષ્ટ	m3/sec	m3/sec
Pattern (Inf			AL-19 Th		requirement	requirement	ent	e 1963-1986)		harge		v Discharge)		AL-20 Th		-	4 0	1 Of	- cominement	1	III.	(963-1986)		haree			y Discharge	
Unit Diversion Requirement (lit/sec/ha) Type of Cropping Pattern (Intensity)	Intensive Area Type in Zone-A Intensive - I Type Intensive - II Type Intensive - III Type Remote Area Type in Zone-A	Remote - Il Type Remote - II Type	Name of Scheme: A	Intensive - 1 Type Remote - 1 Type	Average diversion requirement (lit/sec/ha)	Monthly average requirement	Monthly requirement	Available Discharge (1963-1986)	Deficit Ratio	80% Reliable Discharge	Deficit	Ratio Minimum Monthly Discharge	Deficit	Katio	Name of Scheme:	Net Impation Area	Intensive - I Type	Kemote - 1 Type	age dimension	Monthly sversoe remirement (mascella)		Available Discharge	Mean Discharge (1963-1986)	Deficit	Katio 80% Reliable Discharge	Deficit	Ratio	Minimum Monthly Discharge	Deficit Ratio
Ty Ty	Intensive Inter Inter Inter	Rem	Name of Net	Rem Rem	Ave	Mon	Mon	Avall. Mea		80%		Mini			Name of	Net.	Inter	Nem Ken	100	i i		Availa	Mear		80%	!		Mini	·

 Table 3-6.2 (1/4)
 Irrigation W

Irrigation Water Requirement in Zone - B (1/4)

0.653 0.653 0.653 0.653 0.653 0.653 0.653 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050	024 056 056 056 935 in total
	0.024 0.056 0.056 0.056 935
0.025 0.225 0.225 0.225 0.227 0.020 0.010 0.010 0.021 0.021 0.021 0.021 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.027	
Dec Dec Co.238 0.238 0.238 0.238 0.238 0.238 0.22 0.238 0.22 0.228 0.27 0.228 0.27 0.228 0.27 0.001 0.01 0.002 0.022 0.226 0.22 0.226 0.22 0.226 0.22 0.22	0.009 0.018 0.027 0.222
228 228 228 228 228 228 228 228 228 228	0.008 0.015 0.015 0.024 0.028 0.028 0.191 0.191
Nov. Early 1 0.330 0 0.330 0 0.233 0 0.233 0 0.233 0 0.231 0 0.026 0 0.028 0 0.001	0.012 0.020 0.032 0.262
	0.021 0.037 0.0475 0.056 0.056 0.056 0.0427 0.343
0.471 0.572 0.471 0.572 0.471 0.573 0.471 0.573 0.471 0.573 0.431 0.433 0.433 0.433 0.433 0.433 0.431 0.433 0.431 0.433	0.017 0.037 0.054 0.443
4144 4 444 4 444 4 444 4 444 4 444 4 444 4	0.005 0.005 0.041 0.041 0.042 1.08.1 0.042 0.042 0.042 0.042 0.042 0.042
Sep. Se	0.010 0.023 0.033 0.270
	0.005 0.013 0.0147 0.017 0.017 0.017 0.017 0.017 0.027
Aug Early Late 0.125 0.147 0.125 0.147 0.125 0.147 0.125 0.147 0.125 0.147 0.125 0.147 0.125 0.147 0.125 0.147 0.125 0.147 0.006 0.007 0.0125 0.147 0.0125 0.147 0.0125 0.147 0.0125 0.147 0.0125 0.147 0.0125 0.147 0.0125 0.147 0.0125 0.147 0.0125 0.147	0.005
0.103 0.103 0.103 0.103 0.003	0.004 0.009 0.0103 0.046 0.046 0.046 0.046 0.046 0.046
141 Early 1633 0.653 0.6	0.024
0.502 0.502 0.502 0.502 0.502 0.003	0.105 0.105 0.105 0.105 0.105 0.105
0.068 0.068	0.003
Colored Colo	0.005 0.005 0.018 0.147 0.012 0.089 0.070
Male Early 10.0043 0.0043 0.0043 0.0043 0.0043 0.0002 0.0004 0.0002 0.0004 0.00	0.002
0.042 0.042 0.042 0.042 0.005	0.004 0.004 0.003 30.2 30.2 30.2 0.108 0.062
Ap A	0.0018
2. Late 0.330 0.330 0.051 0.0051 0.0055 0.00	5.22% 5.22% 0.000 0.0000 0.0000 0.0000 0.0000
Niar Niar Early L L	n m3/sec 0.019 0.002 0.022 0.184
Jan. Feb. Mar Apr. Early Late Date	0.073
Feb. Feb. Feb. Feb. Feb.	1 Requir
Jan.	0.135 0.085 0.135 0.135 0.135 0.135
	Diversion Water Requirement in m3/sec 0.009 0.007 0.009 0.014 0.019 0.002 0.002 0.004 0.019 0.003 0.003 0.003 0.004 0.019 0.003 0.003 0.004 0.004 0.004 0.003 0.004 0.003 0.009 0.003 0.003 0.115 0.005 0.109 0.008
	Boshan 122 ha 30.3% 85 ha 69.7% 122 ha 100% 120 ha 100% 100 m3/sec m3/sec m3/sec m3/sec m3/sec m3/sec m3/sec
// (275%) // (256%) // (25	(cshan) (cshan
rement (lit/sec/ha) 1.Pattern (Internsity) 11.Zone-B 2.25%) 2.cone-B 2.cone	AK-05 Boshan a: 122 ha e 37 ha 85 ha 122 ha requirement (libs requirement (libs requirement (libs)
	A J Arca: Type Specific age reg age reg internent harge reg (199 Discha
it Diversion Requirement (lit/sec/ha) Type of Cropping Pattern (Intensity) ensive Ara Type in Zone-B Intensive - II Type (225%) Intensive - II Type (225%) Intensive - II Type (225%) mote Ara Type in Zone-B Remote - I Type (200%) Remote - I Type (46 ha 50.0% Remote - II Type (46	Ratio The of Scheme: AK-05 Boshan Net Intensive - 1 Type Remote - 1 Type Rem
Unit Diversion Requirement (litivec/ha) Type of Cropping Pattern (Intensite Intensive Area Type in Zone-B Intensive - II Type (225%) Intensive - II Type (225%) Intensive - III Type (225%) Intensive - III Type (225%) Remote Area Type in Zone-B Remote - I Type (200%) Remote - II Type (46 ha Remote (46 h	Name of Scheme: Net Impation , Intensive - I Ty Remote - I Ty Total in m3/se diverse diverse Monthly avera Monthly avera Monthly avera Monthly avera Peficit Ratio Ninimum Mor Peficit Ratio Ninimum Mor Deficit Ratio Deficit Ratio Deficit Ratio Minimum Mor Deficit Ratio Deficit Ratio Deficit Ratio Minimum Mor Deficit Ratio Deficit Ratio

Table 3-6.2 (2/4) Irrigation Water Requirement in Zone - B (2/4)

Remarks					.	<u>.</u> -										in total														•			in total									
Max. R			0.653	} {	0.653	0.653	0.653			000	0.022	0.022	0.04	0.653	0.032	77 ii			**********					-				0.033	0.033	0.066	0.633		825 i									1
	Late	<u> </u>	0.225				0.277			- 1		- 1			0.015	40.6	7	0.210	. ,	0.162	'	•	0.100	•	•			0.011	0.011	0.023	0.226	0.023	61.2	0.109	'	•	0.083	ı	1500	•	-	1
Dec	Early]		0.238		0.238		0.228			- 1			- 1	0.226														0.012	0.011	0.023	0.226											ļ
	Late I		0.228		0.228		0.182			- 1					0.016	42.2		0.512	•	0.249	'	٠	0.192	1	•			0.012	0.00	0.021	0.205	0.025	63.7	0.159	•	•	0.127	ļ	8000	} '	1	
Nov.	Early		0330		0.330	0.233				- 1			ļ	0.281														0.017	0.012	0.028	0.281											
	Late		6.573		0.573	0.433					0.019	0.015	0.034	0.503	0.032	858	3	0.603		0.459	· '	1	0.355	٠	•			0.029	0.022	0.051	0.503	0.048	129.3	0.319	1		0.247	٠	1010	,	,	-
Oct.	Early	1	0.471		0.471	0.431				,	0.016	0.014	0.030	0.451	ł													0.024	0.022	0.046	0.451											
-	Late		0.414		0.414	0.414					0.014	0.014	0.028	0.414	0.023	59.3	;	1.411		6		٠	0.680	٠	1					0.042	0.414	0.035	89.5	0.719	1	1	0.559	•	25.0	3	٠	
Sep	Early		0.270		0.270		0.270			000	0.00	0.009	0.018	0.270														0.014	0.014	0.027	0.270		Ì									
Aug.			0.147	Ì (0.147	0.147	0.147				0.005	0.005	0.010	0.147	0.00	24.5	Š	1.811	•	1340		1	0.352	1	1			0.007		- i	0.147	0.014	37.0	0.912	1	•	0.676	٠	. 6	701.0	•	
Αn	Early		0.125	1	0.125	0.125	0.125				0.004	0.00	0.008	0.125															1		0.125											
Ì.	Late		0.103	31.	0.103	0.103	0.103				0.003	0.003	0.007	0,103	0.025	663	ì	1.216	٠	0.816		•	0.279	1	•			0.005	- 1	- 1	0.103	0.038	939	0.624	٠	,	0.425	1	- 0	37.0	,	
Jul	Early		0.653	3	0.653	0.653	0.653				0.022	0.022	0.044	0.653														0.033	- 1	- 1	0.653											
	Late		0.502	30.0	0.502	0.502	0.502				0.017	0.017	0.034	0.502	0.019	49.5		0.411	ı	0.137	7	•	0.087	1	•			0.025	- 1	0.051	0.502	0.029	74.6	0.213	•	•	0.076	•	130	·		
Jun	Early		0.068	000	0.068	0.068								0.068														0.003			0.068											
A.	ate.		0.147	1.5	0.147	0.147				:	0.005	0.005	0.010	0.147	9000	17.3	;	0.152	•	900	3	'	0.053	٠	1			0.007			- L	0.010	76.1	0.076	•	•	0.042	•		0.027	,	
May	Early		0.043		0.043	20.0	0.043			- 1			. 1	0.043															0.002	- 1	0.0 E.E.											
Apr.	Late		0.114		0		0				0.0	0	0.004	0.057	0.010	26.3	1	0.115	•	, ,,,,	1 '	'	0.038		•			0.006	į	0.006		0.015	39.7	0.058	•	•	0.037	•	1 60		'	
Ą	Early Late		0.474		0.018	0.018		į		- 1		0,001		0.246														0.024	- 1	- 1	0.246							_		•		
Mar	Late		0.530		0.051	0				ပ္ခ	0.017 0.018			0.265	0.018	48.3		0.083	•	0,00	} '	٠	0.019	,	•		ည္က	0.027			1	0.027	72.8	0,049	•	,	0.027	0.000	0.7%	0.014	46.7%	
W	Early	,	0.500		0.173	0.047	Q			in m3/s				0.273													in m3/s	0.025			0.273										h . 0	
Feb	Late		0.376		0.263	0.196				Diversion Water Requirement in m3/sec	0.008 0.013	0.007		0.286	0.018	44.2		0.000	,	1 200	700	•	0.028	.*	r		irement	0.019				0.028	999	0.057	·	·	0.033			0.022	21.9%	
LT.	Early		0.241		0.223	0.282				er Requ				0.261													ter Requ	0.012	1		0.261	_					10		. 1	n .		:
Jan	Late		0.181		0.175	0.257			•	ion Wat		600.0	0.015	0.219	0.016	42.8		0.146	•	1.0	0.107	•	0.061	•	•		ion Wa	0.009	0.013			0.024	64.6	0.077			0.055			0.00		
J	Early		0.252	7.77	0.24 44	0.268	0.317				L			0.260					;; -					. 47			Diversion Water Requirement in m3/sec	6 0.013		1	0.260					7.0	6	<u>.</u>	rō.	<u>υ</u> ι	2 8	2
2	, (A		:	_			٠.		inkali	ارا	33.5 ha 50.0%	33.5 ha 50.0%	67 ha 100%	Average diversion requirement (lit/sec/ha)	(m3/sec)	1,000 m3	;	m3/sec	113/Sec	2	m3/sac	2	m3/sec	m3/sec	26	iani	1	50.0%	50.5 ha 50.0%	101 ha 100%	Average diversion requirement (lit/sec/ha)	(m3/sec)	1,000 m3	m3/sec	m3/sec	84	m3/sec	m3/sec	₽.	m3/sec	2000 2000	
(sec/ha)	Intensit		(275%)	9	(225%)	(200%)	(200%)		AK-07 Dakshinkali	67 ha	33.5 hz	33.5 h	67 hz	ent (li		"		ଡ଼					ģ	,		AK-14 Indravani	101 ha	50.5 h	50.5 h	101 h	nent (li			G						13e		
nent (lit	attern (Zone-B			E E	}			K-07				টু	equiren	quireme	111		963-198			35		Dischar			K-14				fд	requiren	quireme	H	863-188			harge		. i	/ Discha		
equiren	pping P.	ype in 2	Type	1 1 ype	11 Type	Type	Type		٠	n Area.	Type	Type	Sec	ersion r	rage re	uiremei	charge	arge (15		7			fonthly				12	Type	Type	Sec /	rersion 1	erage re	uireme	scharge			le Disch	.	;	vionthly	= -	
Unit Diversion Requirement (lit/sec/ha)	Type of Cropping Pattern (Intensity)	Area I	Intensive - I Type	nucusive - 11 Type	Intensive - III Type	Remote - I Type	Remote - II Type		Scheme	Net Imgation Area	Intensive - 1 Type	Remote - I Type	Total in m3/sec	rage div	Monthly average requirement	Monthly requirement	Available Discharge	Mean Discharge (1963-1986)	Deficit	Katto	ous Kellanie Dischalge Dafinit	Date	Minimum Monthly Discharge	Deficit	Ratio	Crheme	Net Irrigation Area	Intensive - I Type	Intensive - I Type	Total in m3/sec	rage div	Monthly average requirement	Monthly requirement	Available Discharge Mean Discharge (1963-1986)	Deficit	Ratio	80% Reliable Discharge	Deficit	Ratio	Minimum Monthly Discharge	Parici	1700
Init Div	Type	Intensive Area Type in Zone-B	Inter	THE	Intensive - III Type Demote Area Tyre in Zone. R	Rem	Rem		Name of Scheme:	Net	Inter	Rem	Tota	Ave	Mon	Mon	Avail	Mea		600	Š		Min			Name of Grheme	Net	Inter	Intel	Tota	Ave	Zo	Mor	Avail Mea			80%			Mil		_ i

Table 3-6.2 (3/4)

Table 3-6.2 (3/4)		Irriga	ation	Wate	r Req	uirer	nent i	Irrigation Water Requirement in Zone - B (3/4)	e - B	(3/4)														
Unit Diversion Requirement (lit/sec/ha)	ha	Jan		Feb	-	Mar	-	ADE.	May	AT.	Jun	L	Jul	-	Aug.		Sep.	ö	٠	Nov.	_	Dec	Max	Remarks
Type of Cropping Pattern (Intensity)	rasity)	Early Late	┪	Early 1	Late Ea	Early Late	te Early	y Late	Early	Late	Early L	Late Ea	Early Late		y Late	Early	Late	Early	[ate]	Early	Late E	Early Late	a	_
Intensive Area Type in Zone-B							,																	
Intensive - I Type (275%)	5%)	0.252	0.181	0,241 0	0.376 0.	0.500 0.5	0.530 0.474	74 0.114	1 0.043	0.147		0.502 0.4		0.103 0.125		7 0.270			0.573					ሳ የ
Intensive - II Type (250%)	0%)	0.252	0.181	0.241 0	0.352 0.	0.346 0.2	0.266 0.191	91 0.04.	2 0.043	0.147	0.068													2 1
41	(%)	0.244	0.175	0.223 0	0.263 0.	0.173 0.0	0.051 0.018		0 0.043	0.147	0.068	0.502 0.	0.653 0.1	0.103 0.125	25 0.147	7 0.270	0 0.414	0.471	0.573	0.330	0.228	0.238 0.	0.225 0.653	
Remote Area Type in Zone-B	- 1 - 1																	•		6				
	(200%)	0.268	0.257	0.282	0.196 0.	0.047				0.147	0.068							0.414 0.431		0.253				2 6
Remote - II Type (200%)	3%)	0.317	0.271	0.196 0	0.071	0	0 0.018	1	0 0.043	0.147	0.068 0	0.502	0.653 0.1	0.103 0.125	25 0.147	0.270	0 0.414	0.431	0.433	0.233	0.182	0.228 0.	0.277 0.633	2
Name of Scheme: AK-25 Shali Nadi	li Nadi																							
15	157 ha	Diversio	in Water	Diversion Water Requirement in m3/sec	ment in 1	n3/sec						l I					- 1		- 1		- 1			
	110 ha 70.1%	0.028	0.020	0.028 0.020 0.026 0.041 0.055 0.058 0.052	0.041	055 0.	358 0.0	52 0.013	3 0.005	0.016	0.007	0.055 0.			14 0.016					0.036				Ž ,
	47 ha 29.9%	0.013	0.012	0.013	0.009	0.002	0 0.001		0 0.002		0.003 0			- 1		- 1							- 1]9
for 1	157 ha 100%	0.040	0.032	0.040	0.051 0.	0.057 0.0	0.058 0.053	53 0.013		1 :	1 1			il				- 1		ı,	- 1	- 1		द्धा
Average diversion requirement (lit/sec/ha)	(lit/sec/ha)	0.257		0.204 0.253 0	0.322 0	0.364 0.371	1	0338 0.080	0.043	0.147	0.068 0		0.653 0.		0.125 0.147	t7 0.270	- 1	0.459	- 1	0301	- 1	0.231		হা
Monthly average requirement	(m3/sec)		0.036		0.045	Ö	0.058	0.03	3	0.015	٦	0.045	0	0.059	0.021	31	0.054		0.078		0.040	Ö	0.036 0.078	ΣŢ
Monthly requirement	1,000 m3		8		108.3	15	154.7	85.0	0	40.6	1	116.0	#	1553	57.5	ίδί	139.0		208.6		104.8		96.1 1,30	1,362 in total
Available Discharge														1	ì	;			i i		2	Ć		
Mean Discharge (1963-1986)	m3/sec		0.197	_	0.153	Ċ	0.133	0.143	m	0.186	~	0.526	r-i	1.540	2.734	4	1.78	vo.	0.73		cken	oj .	0.209	
Deficit	m3/sec		•				-)			•		•						1	•				, -	
Ratio	æ		· •		4					1		•			i		į		, 1		, ,	(١ ۽	
80% Reliable Discharge	m3;sec		0.142	_	0.094	Ó	0.081	0.091	_	0.104	~	0.191	⊷i	1.052	1.658	82	1.378	nn.	0.617		0.316	J.	CUZ.U	
Deficit	m3/sec		•				1			•		ı				ı			•		•		*	
Ratio	R _S		•		,					•		1					į		• !		' '	•	٠ ;	
Minimum Monthly Discharge	m3/sec		0.092	-	0.066	Ö	0.048	0.049	gs.	0.065		0.131	Ö	0384	0.450	R	0.875	ın	0.490		0.246	O	0.127	
Deficit	m3/sec		. 1			Ó	0.010			•											•		1	
Ratio	ą,		•		ļ.	16	16.9%		,	•		•		•		1			'		'		-	_
Name of Schame . AB-17 Ridol	<u></u>																		;					
				1																				

12000	3 3	1 500	0.021	0.653	0.015	246 in total										_
0000		- 1		0.227	0.007	19.2	3400	3	-	- ;	# # 500	•	1 1	0.026	١	ī
0.000	100.0	0.003	0.007	0.222												
6000			0.006	0.196	0.007	19.1	9	9	,	' ;	0.0 50 4	•	• •	0.050	•	•
0000	000			0.263										- \		
200	930		1	0.477	0.015	39.5	5	G.193	•	' !	0.128		•	0.102	•	•
700		9 0.009	3 0.014	4 0.444	1	3	ç	ŗ.	,		EZ.	,		ō.	1	
		6000	9 0.013	70 0.414	0.011	283	Ċ	VCC.D			0.281			0.179		
		0.003 0.006	0.005 0.009	0.147 0.270	4	11.7	{	70	,	1	0.336	1		0.092		
			0.004 0.0	0.125 0.1	0.004	1		70+0			0.3			0.0		
			0.003 0.0	0.103 0.1	0.012	31.6	į	U.314		ı	0.215		ı	0.083		
100	0.007	0.014 0.	0.021 0.	0.653 0.	O.	,.,	•	⊃́			O,			Ö		
		0.011 0	0.016 0	0.502	600'0	23.6	•	0.108	•		0.040	•	•	0.028	ı	•
- 1		0.001	0.002	0.068				_			-			-		
	0.001	0.003	0.005	0.147 0.068	0.003	8.3		0.037	•	•	0.021	ŧ	,	0.013	1	•
	0.001 0.000	000	0.001	0.043												
	0.00	0	0.001	0.036	0.003	8.1		0.029	'	•	0.018	,	•	0.010	1	•
	0.00	0000	0.005	0910				^	,	,	_					
Sec	5 0.005		5 0.005	3 0 166	0.006	151		0.028	•	•	0.017	•		0.011		•
it in m3/	4 0.00	4 0.00	8 000	2 0 188	 	2		ÇI		1	o.	,	,	प	1	
memen	2 0.00	8 0.00	000	9 025	0.008	20.2		0.032			0.02			0.014		:
ater Req	22 0.00	8 0.00	77 0.00	33 0 26	8	21.2		3	r		53		1	16	:	, 1.
Diversion Water Requirement in m3/sec	03 00	000	00 80	53 07	8000	~		0.0			0.0			0.0		}
Ď	10 ha 31.3% 0.003 0.002 0.002 0.004 0.005 0.005 0.005	22 ha 68.8% 0.006 0.006 0.006 0.004 0.001	for 32 ha 100% 0.008 0.007 0.009 0.008 0.006 0.005 0.005	Western Transmission (differential) 0.263 0.23 0.252 0.188 0.166 0.160	(ec)	FE		m3/sec	n3/sec	1 2	m3/sec	m3/sec	R _S	m3/sec	m3/sec	ige P
32 ha	0 ha 31.	2 ha 68	2 ha 10	dit/sec/	(m3/sec)	13		E	m3		m3	EE	:	Ell	E	
E		d		irement	Monthly average requirement			-1986	, i		21			scharge		
Area:	, <u>2</u>	. 2	1	in the state of	Pe rediki	rement	arge	ge (1963	. :		Discharg			nthly Dis		
Net Irrigation Area:	ntensive - I Type	Remote - I Tyre	Total in maker	Total a	V avera	Monthly requirement	Available Discharge	Mean Discharge (1963-1986)	Deficit	Ratio	80% Reliable Discharge	Deficit	Ratio	Minimum Monthly Discharge	Deficit	Ratio
Net In	Intensi	Remot	Total	V Version	X Contract	Month	Availab	Mean	П	_	80% F	I		Minin	1-4	

Table 3-6.2 (4/4) Irrigation Water Requirement in Zone - B (4/4)

Domarke					******						T									-						<u>. </u>
May I			0.653	0.653	653	7,000	0.653	0.633			0.008	020	0.028	0.653	0.020	1990 in India	-									
الم	1		0.225				0.227	0.277			0.003				0.011	28.4		0.063	'	ī	0.03	}	•	0.00	0.007	63.7%
5	Tarly V		0.238				0.215				0.003				1											
Nov	1210	1	0.228				0 282				0.003			1	0.010	255		0.112	•	•	0.080	}	,	0.050	'	•
Z	L.	-	0.330				3 0 233				7 0.004			4	1	١		ĸ			œ			0	,	ı
č	7 1.2fe	-1		1 0.573			1 0.433				6 0.007		Ł	l .	0.020	33.0		0.165			0.088	;		0.050		
F	1	-	4 0.471				4 0.431				5 0.006				10	_		60			73	, ,		80		
Sen	V 13te		70 0.414				70 0.414				24 0.005		4	1 .	0.015	38.1	1	0.613			0.445			0.228		
-	E Farity	-1	0.147 0.270				47 0.270				02 0.004			1	8	157		89			50			01		
4110	V Tate		0.125 0.1	_			0.125 0.147				0.002 0.002			Į	0.00	-		0.868			0.620			0.101		
-	Late Farty	-1	0.103 0.1				0.103 0.1				0.001 0.0			F	0.016	42.5		0.494	,	,	0.283	,	,	0.038	,	
In	Early 1.	_1	0.653 0.				0.653 0.				0.008		1	1	Ö	7		Ö			Ö		:	Ö		
-	ale A	1	0.502 0				0.502 0				0.007		i	1	0.012	31.8		0.134	,	,	0.011	0.001	10.3%	0.003	0.010	78.0%
Inf	Early	_	0.068				0.068				0.001		0.003	1				_			_	_	7	Ŭ	Ũ	-
- -	뾝		0.147	0.147	0.147		0.147				0.002		0.006	1	0.004	11.1		0.035	•	•	9000	•	,	0.004	0.000	1.8%
May	Early		0.043	0.043	0.043		0.043	0.043			0.001	0.001	0.002	0.043												
Apr.	Late		0.114	0.042	0			0			0	0	0	0	0.00	1.0		0.018	1	,	0.005	•	١	0.002	•	•
¥	Early		0.474	0.191	0.018		0.018	0 0.018			0000	0 0.001	0.001	0.018												
Mar	Late		0.500 0.530	5 0.266	3 0.051					Sec	0.001	0	0.001	0.015	0.001	3.8	!	0.008	. '	,	0.002	٠	•	0.001	0.001	38.0%
Ĺ	Early			2 0.346	3 0.173		6 0.047	1 (t in m3/	3 0.002		0.00	9 0.052	7	vo			,	,	7	ıo	٠,0	_	vo.	.0
Feb	y Late		H 0.376	H 0.352	3 0.263		0.257 0.282 0.196 0.047	6 0.071		Diversion Water Requirement in m3/sec	3 0.00	0.010 0.008 0.006 0.002	000	0.204 0.129	0.007	17.6		0.011			0.002	0.005	72.1%	0.001	9000	83.2%
-	e Early		0.181 0.241	0.181 0.241	0.175 0.223		57 0.28	71 0.196		ater Rec	02 0.00	28 0.00	10 0.00		12	30.8		22			Ħ	82	82	22	03	86
Jan	Early Late		0.252 0.1	0.252 0.1	0.244 0.1		0.268 0.2	0.317 0.271		ersion W	0.0	10 0.0	13 0.0	95 0.242	0.012	æ		0.027			0.00	0.008	65.4%	0.002	0.010	84.4%
_	迢		0.2	0	0		0.2	0		à	2% 0.0	8%	0% 0.0	ha) 0.2	(CO)	33		Sec	sec	₽£	Sec	Sec	Ŕ	Sec	Sec	₽ ₆
(FE)	risity)		(275%)	(250%)	(225%)		(200%)	(200%)	udhal	43 ha	13 ha 30.2% 0.003 0.002 0.003 0.003 0.002 0.001 0.000	30 ha 69.8%	43 ha 100% 0.013 0.010 0.009 0.006 0.002 0.001 0.001	(lit/sec	(m3/sec)	1,000 m3		m3/sec	m3/sec		m3/sec	m3/sec		m3/sec	m3/sec	
t (lit/sec.	m (Inte	e. B	(27	5	5	E E	(50	(20	12 Kut	4	1	ñ.	for 4	irement	ement			1986)						harge		
uiremen	Type of Cropping Pattern (Intensity)	e in Zon	ype	ye.	Type	in Zone-	28)Ze	AB-	Area:	Type	2		Average diversion requirement (lit/sec/ha) 0.295	Monthly average requirement	ement	arge	Mean Discharge (1963-1986)			80% Reliable Discharge			Minimum Monthly Discharge		
sion Req	of Croppi	rea Typ	Intensive - I Type	Intensive - II Type	Intensive - III Type	ea Type	Remote - I Type	Remote - II Type	:heme:	Net Irrigation Area:	Intensive - III Type	Remote - Il Type	Total in m3/sec	re divers	ly averag	Monthly requirement	Available Discharge	Discharg	Deficit	Ratio	eliable L	Deficit	Ratio	um Mon	Deficit	Ratio
Unit Diversion Requirement (lit/sec/ha)	Type o	Intensive Area Type in Zone-B	Intensi	Intensi	Intensi	Remote Area Type in Zone-B	Remot	Remot	Name of Scheme: AB-12 Kutudhal	Net III	Intensi	Remote	Total ii	Averag	Month	Month	Availabi	Меап I	Ā	ſΧ	80% R	Ă	ĸ	Minim	Ă.	X
្រី		Int				Re			 Z																	

for Present Cropping Pattern in Zone - A (1/3)
Irrigation Water Requirement f
Table 3-7.1 (1/3)

Remarks																			in total																		in total	TEN COLUMN						
Max		1,306	25.28	0.515	0.486	0.562	0.027			0.033	0.024	0.028	Ó	0.001	0.003	0.000	0.058	0.033	T E									286	0.071	0.085	0.002	0.003	0.003	0.00	0.110	800		7						
	Τ.,	0	<u> 1</u>				0			ō	_	0.00	0	0.000		5	500.0	0.003	0.6		0.029	ì	, ,	220.0						0.011	0.000	0.001	0.00	5 5	212		1.	ij	690.0	1		0.052	,	-
D S S	y 1	o	Ľ.				0			0	0	0.001	0			- 1	0.002									:		c	0						2 S	1								
-	ate E	0	٥			0	0			٥	0.002		0		0	- 1	0.002		19.9		0.040	1	, 65	750.	•			c	0.00	0				ı.	3 2		15		660.0	'	•	0.079	ι	٠
Š	Early L		20		. 0	0	0			0.003	0.011	0	٥	0	0		0.013				•							8000		0	0	0	0	- 1	0.038	1								
-	Late E		4		0	0	٥		•	0.014		0	0	0	0 1		0.031		88		0.056	•	- 660	7 '	•			OF O		0	0	0	0	1	2000	- 1	255.5	1	0.173	,	٠	0.127	•	٠
5 0	Early L	_	_	, 0	0	0	٥			0.022		0	0	0	0 0	- 1	0.035	.			_		•	-				0.063		0	0	0	0	ĺ	201.0	,		`	_					
-	-		D	, 0			0.027			0.025 0		0	0	0	0 8	- 1	0.058		79.6		0.157	•	' (711.	ı			500		٥	0	Φ	0 9	,	0.110		270.0	,	0.430	· '	٠	0.328	•	٠
Sep	Early L		-			0			-	0.015 0		o	0	0		- 1	0.023				0		Ç	,				0045		0	0	0		- 1	è 8		Ϊ,					Ŭ		
-	ate Ea	751 0.0				0				0.019 0		0	0	0	0		0.029 0	- 1	808		0.224	•	' į	,51.0	•			0.055.0		0	0	0	0	- 1	0.736	- 1	175.9	5	98	•	•	0.409	•	٠
Aug	Early La	122 0.	0.459			0				0.011 0.	0.006	0	0	0	0 (0.017 0				0	٠	C	د				0.031		0	0	0	0 (- 1	0.000	- 1	-		Ċ			J		
-	斑	o o	⊃ xa			0				0.005 0.	0.024 0.	0	٥	0	0	- [0.050 0		86.1		0.131		٠ {	7 '	•			0.015.0		0	0	0	0		0.086		3.40.40	2	0.370			0.241		٠
Jul	Early Late	90,000	_			0				0.033 0.		0	0	0	0 (- 1	0.035	.	~		Ö		c	>				2000		0	0	0	0	- 1	30.100		,	7	O			0		
\vdash	1	¥								025 0		0	0	0	0	- 1	0.022		37.7		0.045	1	. 6	2000	10.6%			12	0	0	0	0	0 (- 1	0.074		1 001	1	0.122	'	•	0.036	9000	14.5%
Jun	-	₽ -:								0.004 0.	0	0	0	0	0		0.004				Ci		c	<i>></i>	9 2			0 1100		0	0	0	0	- 1	0.011	- 1	` -	T	0			O	٥,	4
-	e,									0 0	0	0	0	0	0 (0 0		c	,	0.022	•	י נ	7 '	•			Ł	•	0	0	0	۰ ۵	- 1		1	,	,	0.049	!	1	0.027	ı	٠
May	Ž) C							0	0	٥	0	0	0 (0	ə c	,			Ö		c	S				c	0	0	0	0	0 (٥	-	,	the series		0	•		0		
-	ų.) C							0	0	0	0	٥	0.0	5	> c	0.001	2.9		0.016		, 6	, 100	•			c	0	0	0	0	0 0	٥	5	000	00	3	0.037	,		0.023	ı	•
Apr	ž	0 (7			0				0	0	0.002	0	0	0 (اد	0.002				Ö		C	j j				c	, 0	0.007	0	0	0	٥	0.00	-			0	•	•	0		
-	Н	0 6	12							0	0	0.017 0.	0	0	0		0.017 0.0	0.023	61.4		0.009	0.014 50.54	2 2 6 8	0.000	74.1%			c	0	0.051 0		0	0 (f	150.0		2 62	3	0.024	0.045	65.6%	600.0	0.060	3407.0
Mar	ty L		0.948			0.198	0		13/sec	0	0	0.028 0.	0	0	ਲ 8 '		0.025			`	o (ં કુ	n c	<i>5</i> C	, 1 2		n3/sec	٥	0	0.085	0.001	0	0.001	1	0.08/ 0.0			1	0	0	- 39	0	⇔ {	õ
-			0.760 0.5				0		ent in n	0	0	0.022 0.0	0	0.000	0.003 0.001		0.026 0.0		57.0		0.011	0.013 0.013	27.4%	8100	74.7%	:	rent in r	0	0	0.068 0.					0.0/4 0.0		7 9	3	0.028	0.038	57.7%	0.014	0.052	18.5%
Feb.	Early Late	0 (g				0		equirem	.0		017 0.4	0			- 1	0.021	T.			o i	j ¦	ያ ረ	j ć	5 7		equiren	0	, o	0.051 0.					0.03%	1	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓		O	ď	Ŋ	O	0 8)/ · ·
_		0 (ķ				0		Vater R	0	o	012 0.	0			0	0.015 0.0		30.0		0.016		٠.٥	0.010	36.0		Water R	C	0	0.035 0.					0.040		8	7	0.046	} . ! }	•	0.031	•	•
Jan Feb.	ly L	0 0	Q				0		% Diversion Water Requirement in m3/sec	0	0	0.006 0.012 0.017	O				0.008 0.0		1 60		o.		Ś	żć	s ori		School Diversion Water Requirement in m3/sec	c	O				0.001	- 1	0.021 0.	- 1			_ C	1		Ö		
-	80% Ea	_	0	0.1	0.2	0.7	_		% Div	63.3%	8%		1				<u> </u>	15	, E	-	m3 sec	Sec	8	m3/sec	P65	alog		45 10c	32.7%					. 4				1	m3/sec	m3/sec	ક્	m3/sec	m3/sec	န္
(a)		۶. ۰	·>-					٩	2 22								ha 15	(m3/sec)	1.000 m3		Ä	The Sec	ř	m3/sec	}	AB-14 Mahadev Khola	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1							Ta Ell	(m3/cpc)	(200	1,5	E	m3		EB.	E	
lit/sec/h	fficienc	al paddy	a paod	13				Katun	40 ha	25.3 ha	12.7 ha	29.6 ha	0 ha	24	6 ha	74 ha	/8 ha	ient			8				e.	Maha	112 ha	2	36.6 ha	89.6 ha	3.4 ha	5.6 ha	5.6 ha	2.2 ha	216.2 ha	nent			98	}				
cment (yance E	2.3 of total paddy	113 of total paody	(Bean/Pea)				AB-10 Katunie	2 2	38ha)I Jeografie	equiren	ent	۵	1963-15		1	ag isa	:	B.14		100 001	4 BO: CO				•		01	T Code		100	1964			charge		
1 Requir	1 Conve								Æ				•				Sisec It	rerage 1	- connem	ischarg	harge (ا ا ا	26 - Z			14								3:Sec h	Terage ,	ige.		Jiscinar -haree (it.		tble Dis	ij.	
Unit Diversion Requirement (lit/sec/ha)	Crops with Conveyance Efficiency =	Paddy	raddy (L.) Wheat	Legume (L)	Mustard	Potatoes	Maize	Name of Scheme	Net Irrigation Area	Paddy	Paddy (L)	Wheat	Legume (L)	Mustard	Potatoes	Marze	iotal in missec for 78 ha 1959	Monthly average requirement	Monthly requirement	Available Discharge	Mean Discharge (1963-1986)	Celicit C	Kano	ouro reliable inscharge Deficit	Ratio	. ame of Scheme	Net Irrigation Area	D.444:	Paddy (L)	Wheat	Beans	Mustard	Potatoes	Marze	Total in m3/sec for	Monthly systems requirement (m3/sec)	Situation of	Monthly requirement	Mean Discharge (1963-1986)	Deficit	Ratio	80% Reliable Discharge	Peficit	Katto
UnitD	Ö	ď, t	€ \$, ř	N.	Pa	Ma	Name o	S.	Z	Pa	W	3	M	<u>Q</u> ;	S.	2 2	×	5	A	ž		Š	8		ame 7		ļ	, C	×	8	Ź	ፈ	2	<u> </u>	∢ ∑	<u> </u>	Ē] ;	7	;		88		

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Remarks		9	X	00	S.	9	2		-			į,		2 :	ī,	0	4	<u> </u>	8	83	92	5	t 27 in total							-			92	28	8 9	D.F.	g ;	<u> </u>	3 5	315	9 14	3	60 in tota	_			_	_
Max.						4 0.486	7 0.562	0 0.027				2			0.15			4 0.017	00000	9 0.228	6 0.926	0.19	4 3,127		<u>ت</u>			9										10000		I	i	COI O	5 1,660	<u>.</u>	_,_		~	<u> </u>
Dec	Late						0.127								0.0			0.00		0.029	0.116	0.020	2,4		0.236		,	0.176					0					0.001	2000	- 1	0.112	0.0	27.5	0.076		,	0.057	
Ω	Early	0) 	0.047	0.043	0.087	0.048	0				1	> (0	0.008			0.001	0	0.012	0.0																	5	2	Ш	0.044							
	Late	0	0.166	0	0	0	0	0				0	0 0	0.032	0	0	0	0	0	0.012	0.051	0.046	118.2		0.338	•		0.269	•	'			0	0.007	0 (-	0 (~	מ מ	200	0.051	0.024	63.2	0.111		' ;	0.089	2
	-	0.103	0.838	٥	0	0	0	0				2200	0.010	0.063	0	0	0	0	0	0.079	0.320												0.008	0.034	0	۰ د	0	0	0 0	7.0	0.324							
				0	0	0	0	0				- 1		0.101	0	0	0	0	0	0.183	0.745	0.197	526.0		0.602	t	' !	0.452		٠			0.0 44	0.054	o (φ.	0 (0 0	000	0.030	0.754	0.105	281.1	0.224	٠	. 1	0.175	,
				0	0	0	0	0				Į.			0	0	0	0	٥	210	0.855 (_			-					•		0)	0	-	- 1	. 1	0.864					-	_	
1				0	0	0	0	0.027				- 1		0.077 0	0	0	0	0	0.000	0.228	0.926	0.183	474.1	!	1.481	•	' ;	1.129	•	٠					0	⇒ (φ,	5		- 1	- 1	0.038	253.2	0.500	•	1	383	
137	_			.	0	0	0								0	0	0	0		0.138 0	561 0	Ö	4		, i		1	, i							0	5	0 (0 0			0.567	2	7	0			o'	
				0	0	0	0	0				- 1			0	0	0	0			Ö	34	2.2		53			1.408		.					0 1)	۰,	5 6			0.698 0.	7/1	193.5	33	,		69	
***			16/10 6	0	0	0	0	0						5 0.057	٠.	0	0	0	0	8 0.170	0.691	0.134	362.2		1.929		,	7						18 0.030	0 (,	0 (o e				J.	19	0.633			0.469	
_			9									ļ		5 0.035	٥,	_	_	0	0	7 0.098	3 0.400	2	•		w.	·	, ,	7						8 0.018	0	5 (.	-			6 0.404	7	7	9			vo	
			1.92				0					- 1		0.14						0.177	0.718	0.192	512.3		1.273		į	0.832						0.0								0.102	273.7	0.436			0,296	
Jul	Early	1.306	0.131	0	0	0	0	0				101	21.0	0.010	0	0	0	0	0	0.207	0.841												0.105	0.005	O 4	, د	0 (9 (7 111	0.111	0.850							
	Late	1.00 4.00) (0	0	0	0	0				45.0	ر م	0	0	0	0	0	0	0.152	0.616	0.087	224.9		0,429	•	1	0.141	•	٠			0.081	0	0 (ب د	0 (0 0	2 6	0.081	0.623	0.040	120.1	0.149	•	•	0.054	
			5 (0	0	0	0	0				6	0.022	O 4	0	0	٥	0	٥	0.022	0.089												0.012	0	0 ()	0 (0 (2 6	0.012	0.090	٠						
\vdash	Late	0	> (•	0	0	0	0				1		0 1	0	0	0	0	o	0	1	c	0	!	0.167	1	' !	0.093		٠				0	0)	0 (=			0	0	٥	0.053	٠	,	0.030	
E		0	¬ (D	0	0	0	0				c	۰ د	0 +	0	0	0	0	0	0	0			<u>'</u>	.		•	0				-	0	0	0	۰ د	0 0	٥ (> 0	٥	٥			_			_	
\vdash		0	، ج	9	0	0	0	0				c	، د	o 4	0	0	0	0	0	0	0	900.0	16.1		0.127		٠,	0.080	•	.			0	0	0 1	D (0 (0 6	5	-	0 5	0.003	8.4	0.041			0.026	
Ħ.	1	0	۱ د	14	Ð	0	0	0				c	> (o ;	17	0	0	0	0	17	51	Ö	****		Ö		•	ö					0	0	0.006	o (0 (0 0	۶ د	0.00	0.050	j		Ó			Ö	
-	e Early	. ب		//O'O 5/	0	0	0	0					5 (33 0.012	0	0	0	0		79 0.051	1.7	=		ጵ	% :	% ;	ر ا	ይዩ	۽ ا			0			.	o (0 (/0	0.3	38	53	₽6	ន្ន :	*
	, Late	0 1		6 0.5/5	₹†	0	80	0			Sec	3	.		4 0.093	0	0	9	0	0 0.093	0 0.379	0.127	336.1		0.09	0.028	22.0%	0.061	0000	8		Sec	0		0 0.049	4. (, ٥	<u>-</u>				0.00	178.0	0.038	0.029	43.7%	0.023	(
	Earl				0.21		0.15				in m3				0.15			9000		0.160	0.650		_					~ ,	~			tin m3				2		Ċ S	8	- 1	0.658		~	tl	80	.0	~ '	,
	Late	0					0.542	0			remen				0			0.016	٥	0.146	0.593	0.135	324.7		0.113	0.022	16.4%	0.070	0.065	of T		iremen						9	5		- 1	0.072	172.2	900	0.028	39.2%	0.027	
L.	Early	0 1			0.457	0.486	0.562	0			r Regii	1	> 0	0 ;	8	0	0.014	0.017	0	0.124	0.504									- 1		r Requ	0	0				Ö	2 6	3 3	0.494							
	Late	0 (ָ פֿפֿ	325	CC.	0371	0.353	0			n Wate		o (0	0.0 4	0	0.011	0.010	0	0.085	0.347	0.066	178.2		0.155			0.105		'		n Wate	0	0	0.033	0.003	0.002	0.002	0 0	500	0.331	0.053	88.7	0.055	1	•	9	
	_	O (0.203	0		-	% Diversion Water Requirement in m3/sec	200	⊃` (0 ;				9000	0	0.046	0.188								-			% Diversion Water Requirement in m3/sec	0						0		0.174							
	80% F			~ \							2,5	2 60	0.770		66.0%			·	20.9	188%	1	(m3/sec)	1,000 m3		m3/sec	m3/sec	³ 2	m3/sec	m3/sec	R		% I	62.0%						3.0%	8	1	(m3/sec)	1,000 m3	m3/sec	m3/sec	96	m3/sec	•
	11	•								,	g:	ľ				٠,					Average diversion requirement in lit/sec/ha	(ш3.	1,00		Ę	님	•	E,	E	·]		rel							1.	12	Average diversion requirement in lit/sec/ha	Ē	1,00	Ë	E		E	
Unit Diversion Requirement (lit/sec/ha)	Crops with Conveyance Efficiency	paddy	paous							AL-10 Kotkhu	246 hz	1500 150	ם. ממלו	75.4 ha	162.4 ha	O ha	29.5 ha	29.5 ha	14.8 ha	462.5 ha	ent in	at			G						Lubhu	130 ha	80.6 ha	40.3 ha	84.5 ha	면 (전	6.5 ha	6.5 ha	5.5 Ra	7-14-1-102	nent in	'n		©.				
nent (fit	nce Eff	213 of total paddy	1/3 of total paduy	ģ	(Sean/Fea)					-10 18		10000		•						વ	quiren	Monthly average requirement			Mean Discharge (1963-1986)			ırge	٠		AI-13 I		120.9ha						ľ		duren	Monthly average requirement	***	vailable Discharge Mean Discharge (1963-1986)	:		arge	
quiren	nveya		0	Ę	a Se						Area.	200	7							sc for	sion re	age req	iremen	Available Discharge	ge (19		;	80% Reliable Discharge				4	ĭ						3	ec ior	rsion r	जुट ए	Monthly requirement	harge ree (19	, 0		80% Reliable Discharge	
ion Re	with C]		(£)	ņ	Ş			Name of Scheme:	Net Irrigation Area		í	<u> </u>	1	ē (Ţ,	Se		Total in m3/sec for	e dive	ly aver	ly requ	le Disc	Discha	Deficit	Ratio	eliable	Dencit	NAUO	Name of Scheme	Net Irrigation Area		3				ŝ	2000	lotal in m3/sec for	se dive	iy aver	ly requ	Available Discharge (19	Deficit	Ratio	Reliable	
Jivers	sdor.	Faddy	raddy (L.)	w neat	Legume (L.)	Mustard	Potatoes	Maize		e of Sc	Net 19	Dodok	randy	raddy (L)	Wheat	Legume (L)	Mustard	Potatoes	Maize	Total in	Averag	Month.	Month	vailab	Mean)	ŭ,	1 2	80% R	₫ ¢	4	رة 2	Net IT	Paddy	Paddy (L)	Wheat	Heans	Mustard	Potatoes	Marze	1 000	A vera	Month	Month	Vvailat Mean	Δ	j£,	80%	

Remarks																	,	in total																		in total						_
	1.306	9,48	0.486	0.562	0.027			0.377	0.278	0.353	0.008	0.019	0.025	0.001	0.436	7/8/0	3	6,242		•							0.075	3 8	3 6	3 8	0.00	0	0.087	0.98	0.075	1,215						
		0.124		0.127	◌			0	0	0.046	0.002	0.00	0.006	0	980	0.121	1	113.5	0.691	,	- 65	}	·				0	2 6	3 8	3 8	0.00	Ç	0.010	0.115	0.007	19.0		0.803	,	0.571	-	
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Nov. Early L		00	0	0	0			0.030			0	0	0	- }		0.303		``	, -										-	o c	0	0	0.030	0.341								
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Aug. Early U		0 4	0	0	٥			0 122 0			0	0	0	- 1	I	0.378]	۳	v		•	r					ı		> 0	0 0	0	0	0.037	0.425				•				
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Jun Early La		0	0	ф	0			0.047)	0	0	0	0		ıı	0.085 0.	5		, i		¢	Ď					0.008	φ,	٥ د	> 0	-	· 0	1	0.095 0	٥					_		
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80% E3	_L	o .	o c	c		AT-10 Thike Bheirew (1)	1 kg	20 PP	20.00						193% 0	 	<u> </u>	EE .	m3/sec	m3/sec	88	m3/sec	m3/sec	19	AI -20 Thika Rhairaw (2)	8 D	653%				20%		190%	.+~-	╁═	1.000 m3		m3/sec	m3/sec	8,75	m3/sec	}
_ 11						Rhoir	r Direct	- 1								n lit/sec.	(m3/sec)	1,000 ш3	m3	E	•	Ħ,	됨		Rhai	88 ha	1		~	- :	1.8 ha 2			n ht/sec	(m3	8		E	E		E	1
(lit/sec/l	al padd	ı	(g			Thiles	THINKS D	٦	200.5 Ha	37.5 %	149 13	39.8 ha	44.7 ha	\$4.7 ha	959.3 ha	ement is	ment		98						Thik	88	10	28.7 ha	74.8 ha	87	2 6	4	167.2 ha	rement	ment			(986)				
Unit Diversion Requirement (lit/sec/ba) Crops with Conveyance Efficiency	2/3 of total paddy 1/3 of total paddy		(Bean/Pea)			11.10		15	452.403						ö,	Average diversion requirement in lit/sec/ha	Monthly average requirement	nent	vailable Discharge Mean Discharge (1963-1986)	,		scharge			Δ1.20	2	86.2ha						Į	Average diversion requirement in livsec/ha	Monthly average requirement	ment	že Ze	Mean Discharge (1963-1986)		Ratio	Schauge.	
h Conve	1						- 2	Net imgallon Area:		_					Total in m3/sec for	fiversion	average.	Monthly requirement	Available Discharge Mean Discharge (1)	i,	, ,	80% Keliable Discharge	Ħ (٥		14		_					Total in m3/sec for	diversion	average	Monthly requirement	Available Discharge	scharge		2 2 2 2 3	er te	;
version	Paddy Paddy (L)	Wheat	Legume (L)	Potatoes	Maize	Mama of Orhame	S Sche	BE :	raddy	raduly (L.) Mihost	William Reams	Mistard	Potatoes	Maize	An in m	rerage (onthly:	onthly 1	iilable I ean Dis	Deficit	Ratio	% Kell	Deficit	Kano	Yame of Schome	et Imies	Paddy	Paddy (L)	Wheat	Beans	Mustard	Maize	otal in r	Verage	forthly	fonthly	ailable	fean Di	Deficit	Ratio	o v peticit Deficit	Ś

W. :

Calibration Registration Action A																										
This particle Pertainment in the company and		Table 3-7.2 (1/4)		Lrri (After	gatio	n Wat	ter Rec	(uirem	ent fo	r Pres	ent Cr	oppin,	g Pattı	ern in	Zone	- B (1	(4)									
Crops with Conveyage and Parisipal Series 25th Conveyage 25th Conveyag		Unit Diversion Requirement (lit/sec	L	11	Jan	Fe		Mar	Ą	Уr.	May	ļ.	Jun	ান	-	Aug.	-	Sep.	ŏ	Ħ	Nov.	-	Dec	Max.	Remarks	arks
Franch Color Description Acta Color Desc		Crops with Conveyance Efficit	,,		- 1				_	Late				-	_		\vdash		Early	Н		Late Ear	Early Late	r		
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Name of Share Cart Share Cart Say 0.348 Cart Cart Cart Cart Cart Cart Cart Cart		3	ddy	0						0			0									0.166	0 0	1.928	00	
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Mainten Class Caste	-	Ĵ		0.205						0			o	0				Q	0	0	0				0	
Name of Scheme: A.K.O.4 Bievannichars 0.25 0.246 0.086 0.0		Mustard		0.34		0.431				0			0	0				0	0	0	0					
Name of Scheme : AK-OH Bissmantharn AK-OH Bissmantharn AK-OH Bissmantharn State Stat		Potatoes Maize		0.27		0.506				00			00	00				00	00	00	00	0.0	0.048 0.127	7 0.506	<u>va c</u>	
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Trigit in m3/sec for 1892 ha 1956 0.055 0.05		3					3	10			0			c	o c	0					-	3		.—	0 <	
Average diversion requirement in litescenta 0.258		n m3/sec for		ــــــــــــــــــــــــــــــــــــــ	5 0.034	0.045	0.055				0			0.076	1	1	1	1	0.0	0.0		1	0.005 0.011	0.077	1	
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Monthly requirement 1,000 m3 78.3 119.8 199.5 78 0.058 0.075 0.015 0.015 0.021 0.021 0.021 0.021 0.021 0.021 0.022 0.020 0.045 0.025 0.022		Monthly average requirement)as/Em)	-)			0.0								1	1	1			1		14	
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Mean Discharge (1963-1986) m3/sec 10.081 0.064 0.055 0.055 0.075		Available Discharge																						1		il
Peticit Peti	5	Mean Discharge (1963-1986)	m3/se	ņ	0.081	_	0.064	0.0:	æ		ő	07.5	0.215		0.629	0.9	205	0.720	_	0.327	Ü	0.159	0.109	8		
Name of Scheme: AK-O5 Boshan AK-	-	Deficit	m3/se	<u>9</u> .	•	,	•			ı		ı	•		•		1	٠	ı	i		•				
Name of Scheme AK-O5 Boshan Archigation Area	64	Ratio	Ċ	.g (0		1 000	2	, ,	Š	č	٠ (0		· ;		' f	0	1 -	1 6 6	,	1 0	ć	, ,		
AKK-O5 Boshars ļ	SO's Reliable Lyscharge	E SE	<u> </u>	ign '	, ,	200	3 6	ğ <u>c</u>	3	S)	7 '	OSO:			Š	7/0	000	4	0.770	,	0.128	680.0	<u>.</u>			
Ark-O5 Boshan Area: 122 ha 813 ha 66678		Ratio		155			19.8%	33.2	8						•		, ,	•								
Ark-O5 Boshan Area: 125 ha 66 66 Area: 125 ha 813 ha 66 67 Area: 125 ha 10.05 Area:				-																				$\frac{1}{2}$	-	
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342 ha 280% 0.012 0.012 0.015 0.005 0.006					0	0	0				0				0	0			•		0				0	
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0 ha 0 ha 0 ha 0 ho 0 ho <th< td=""><th></th><td></td><td></td><td></td><td></td><td></td><td>0.006</td><td>005</td><td></td><td></td><td>0</td><td></td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td></td><td></td><td>0</td><td>0</td><td>0.001 0.002</td><td>02 0.006</td><td>œ.</td><td></td></th<>							0.006	005			0				0	0					0	0	0.001 0.002	02 0.006	œ.	
2392 In a 196% 0.034 0.004 0.038 0.005 0.006 0.004 0.005 0.001 0.082 0.112 0.095 0.038 0.006 0.005 0.102 0.114 0.105 cquirement in livescripa 0.231 0.361 0.472 0.531 0.505 0.053 0.051 0.005 0.004 0.781 0.310 0.295 0.339 0.881 0.105 cquirement in livescripa 0.231 0.361 0.472 0.531 0.505 0.005 0.005 0.004 0.781 0.310 0.295 0.339 0.883 0.891 cquirement in livescripa 0.234 0.035 0.036 0.035							0				0	- 1	1	0	- 1						0		- 1	- 1	0	
equirement in lifescripta 0.281 0.361 0.472 0.510 0.542 0.353 0.051 0 0 0 0.000 0.669 0.914 0.781 0.310 0.295 0.539 0.883 0.933 0.861 optimization in lifescripta 0.039 0.060 0.055 0.003 0.003 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.004 0.703 0.005 0.008 0.008 0.008 0.008 0.008 0.134 0.550 0.805 0.705 0.343 0.343 0.005 0.345 0.705 0.343		Total in m3/sec for 239.	2 ha 196	.0			0.062				0	•	- 1	0.112	ļ	- 1		- 1			0.042			1	च	
Harten (1,000 m3) 1054 1446 1452 8.1 0 120.2 276.2 98.8 217.8 263-1986) m3/sec m3/sec m3/sec m3/sec		Average diversion requirement	t in lit/sec/ha	-				1		0	0	- 1	- 1	0.914	ł	1						0.055 0.	0.056 0.128	28 0.933	10 P	
Harge m3/sec 0.109 0.086 0.080 0.089 0.134 0.550 0.836 0.705		Toronto	1000	3 6	105		1446	1 46	} :	10		> 0			27.0	5	3 8	2000		2000		200	5			7
## 1.112 0.185 0.115 0.105 0.108 0.128 0.294 0.784 1.112 0.892 0.135 0.135 0.105 0.108 0.128 0.294 0.784 1.112 0.892 0.134 0.785 0.109 0.086 0.080 0.083 0.089 0.134 0.550 0.836 0.705 0.705		Available Discharge	1,000 1		-CO-I		1.#±0	4		ō			120.2		770.7	^	000	217.		27.7		93.8	٦	50.5.1 C.U.c.	2 m 62	酎
m3/sec 0.109 0.086 0.080 0.089 0.134 0.550 0.836 0.705 m3/sec %		Mean Discharge (1963-1986)	m3/se	ģ	0.13	'n	0.115	0.1	95		Ö	128	0.294		0.784	H	112	0.892	ζ.	0.427	Š	0.228	0.168	98		
m3/sec 0.109 0.086 0.080 0.083 0.089 0.134 0.550 0.836 0.705 m3/sec %		Deficit	m3/su	X >									•		•			•	i	ı						
Section 2007		Rano Reliable Discharce	13/Em	8 8	0	. 0	0.086	Č	, 8	000	Ĉ	, 680	0.134		0.550	Š	. 38	0.705		, 25	Ç	1610	751.0	· <u>C</u>		
		Deficit	m3/s	8					, h.	•								,		'		,		-	- -	
		Ratio		88		10		100 000	,											,				<u>-</u>		-

Irrigation Water Requirement for Present Cropping Pattern in Zone - B (2/4) Table 3-7.2 (2/4)

700 july 11

	<u>ا</u> د	101	(Alter Improvement)	rent)		;		,			-						ŀ	ŀ						ŀ
Crops with Conveyance Efficiency =	80% E	Early	Late	Early L	Late	Early L	Late Earl	y Late	Early	Late E	Early	Late Early	1y Late	-	Early Late	Early Late				Early Late		Early Late	₹ 1	Weillen P.
Paddy 2/3 of total paddy			-1	0	0	l	0	0	0	1		-		1	0.295		4	0.862	1.	0.103	1	0	1.306	10
5		0	0					0	0					8 0.430		0.539	σ.			_	X			00
Wheat	O						92	0	0	0				0	0	0	0	0	0				_	2
Legume (L) (Bean/Pea)	Ċ			0.402 0.	0.470 0.2	0.203 (0	0	0				0	0	0	0	0	0					
Mustard	Ó								0	0				0	0	0	0	0	φ.					_
Potatoes	o _	V)	φ	φ	0.498 0.1	0.187	0 0	0	00	0 0	0 0	00	00	0 0	0 0	0 0	0 0	0	0 0	0 0	0.0	0.048 0.127	0.506	<u>φ</u>
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Nome of Schoons AV W Makehinboli	:								٠															
-{		Version	Water	% Diversion Water Requirement in m3/sec	nent in n	33/sec																		
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AL 0.50										· c		o c) c					• •	· c					· c
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	ر ا ا					200	,			, c	o C) C	, c					9 0	o c	· c		0000 0000	200	5 <u>-</u>
23.5 ha			, 100.0	, C		3 0	0	, 0		0	0 0	0	0		, 0		0	0	0	0				<u> </u>
in m3/sec for 132 ha		4		0.019 0	0.023	0.019	0.009 0.001				1		0.061 0.052	0.00	0.02	0.0	0.0	0.063	1	1		0.002 0.0	0.005 0.063	ിള
woningment in litic				0.2%		Į				1			1		1			0.933					ŧ	100
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											-		1		1		1				1			
ii ii	1,000 m3		29.9		49.9		36.5	1.7		0	-	66.1	151.6	9	X.		119.6	٠	160.7		35.0		7.3	Egos un CI/
	č		,	•	8	Ċ	ş			į	c	;	,	2			1 74		2	ć		Č		
large (1965-1986)	m3/sec		9	ب	200	್	0,083	CTT:0		0.132	j	0.411	1.210	0	1.611	_,	1.4.1		oraco oraco	S .	7150	7.0	0.710	
	m3:sec		ı		1		ı			,					,		1		•		ι		, 	
	9		,		1 6	(٠ ٥			1 10	•	֓֞֜֜֝֜֜֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֜֜֜֓֓֓֓֡֓֜֜֓֜֓֜֓֜֓֜֓֜֜֜֜֓֓֜֜֜֜֜֓֜֜֜֜֜֜	ò	, ,	1 246		ξ		1 6	•	, 6	č	٠ (
80% Keliable Lascharge	m3/Sec		0.102	ب	150.0	j.	Q₹0:0	0.072		0.08	Þ	1.T37	0.010	Q.	7	_	1.021		7.4.2 7.64.2	Ď.	À.	5	0.152	
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igation Area: 101 ha	38	iversio	water A	% Diversion water Kequirement in m3/sec	ment in	m3/3ec		-			- 4	- 1	T I	- 1	- 1	- 1				1000			L)
99ha 66 ha	65.3%	0 (9 (0 (0 (0 (۰ د))	00									0.057			٥ <u>ا</u>	၁		2 3
(L) 53 na		ο ,	>	د	י י י					> .	، د		0.004	† 10'0 †			0.0	cen'n						ŧ.
78.8 ha	78.0%	0.021	0.031	0.021 0.031 0.041 0.055	0.055 0		0.048 0.007			0	0	0	0 (0				0	0	0			0.010 0.071	7.
<u> </u>	1				0	0	0			0	0	9	0	>				>	0	-				5
2 ha					0000	0	0			0	0	0	0	0	0	0	Φ.	0	0	0][
es 18.2 ha					0.009 0.003	89	0			0	0	0	0	0				0	0	0	0		0.002 0.009	<u>8</u>
											- 1	0	0					0					- 1	0
Total in m3/sec for 200 ha		0.027	0.038	0.051	0.065 0	0.074 0	0.048 0.007		0 0	0	0 6000	0.066 0.0	0.091 0.077	150.00 171	0.029			0.092		1		0.005 0.0	0.012 0.092	92
Average diversion requirement in lit/sec/ha		0.268	0.372	0.504		0.757.0	0,474 0,069		0 (0	0.689.0		0.896 0.7	0.765 0.304	ĺ	9 0.529	1	0.915	0.844	0.341 0	0.054 0.	0.047		2
Monthly average requirement (n	(m3/sec)		0.032)	0.058	0	0.061	0.003	_	0	0	0.038	0.0	0.084	0.030	0	0.068		680.0	0	0.020	0.0	680.0 600.0	66
Monthly requirement 1.0	1,000 m3	1. 14	87.0		138.6	m	162.7	0.6	_	0		57.5	224.1	1.1	80.2	~	176.7		237.5		51.7	23	23.3 1.288	88 in total
Available Discharge																							-	
63-1986)	m3/sec		0.077	_	0.057		0:049	0.058	~	0.076	0	0.213	0.624	22	0.912	7	0.719		0.319	0	0.159	Ö	0.109	
Deficit	m3/sec		1		0.001	0	0.012			•							•		٠				,	
Ratio	80				1.2%	ĸ	20.3%			•							'		•		,		 -	
80% Reliable Discharge	m3/sec		0.055	-	0.033	0	0.027	0.037	_	0.042	O	9/0.0	0	0.425	0.676	9	0.559		0.247	0	0.127	0.0	0.083	
Deficit	m3/sec		• •	_	0.025	0	0.034		,	•							•		٠		,		1	· · · · ·
Ratio	βę		.i*	4	42.9%	iki 	55.9%		,	•		,				,	•		,		,		1	
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	Kemarks																		-		-		in total							:										•		409 in total			_		
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		Late Early		0	0.701 0.902	0.470 0.203	0.192 0	& O	0	٠		EDI III	.			٥			- 1	1	- 1	0.091	219.8		0.153			0.094				ent in n	۰ ،		0.018	> c			-			41.2	{	0.052		0.020	• !
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rovemer		بو		0		0.248 0.		φ.	0		T. Carterin	Water	5	0	0.030 0.041				- 1			0.054	145.2		0.197	ı	1	0,142		-	÷	Water F	0 (0.010	> 0			ł	1		25.4	3	2		0.029	1 5 1 6 1 5
(After Improvement)		Early				0.209 0.3		'n.	0			20 Liversion water kequirement in massec	> '							- 1	0.236	Ö	∺		Ö			O,				% Diversion Water Requirement in m3/sec	0 (5 . c		5 3 C						⋾		0	
₹.		80% 17	 ,		ö	Ö	0	Ö				5	90.7%		20.0%			520% 0	- 1		-	sec)	Em C		m3/sec	m3/sec	<i>8</i> 6	m3/sec	m3/sec	. XC		% Di	66.6%		0 0.08	-	1 20 0		190%	+	1=	1.000 m3		m2/sec	mJi Sec	m3/sec	m3/sec
		Ш	ं -≳	ं <u>क</u> े			.'			Pol		- 1								325 ha 20	n lit'sec	(m3/sec)	1,000 m3		E	Ett.		EE '	EH CH		_	32 ha	1						1	r lit'sec	(m3/sec)	1001		E	Ē.	Ë	2
, ,,,,,	(ur/sec/)	FI licren	ial padd	stal padd		ea)				A E 25 Chali Nadi	Total C) CT		52.3 ha	78.5 ha	۰ (81.6 ha	٥	325	rement 1	ment			980						AB-02 Bidol		ļ.	10.7 ha	25.6 ba	.	יז. כ יי	, ,	60.8 ha	rement i	ment		1 8	986		41	
	Tement	evance.	2/3 of total paddy	1/3 of total paddy	٠.	(Bean/Pea)		. '		A 17 74	7	E	12/Da							for	mbar uc	s require	ment	ge	(1969-1			scharge	1.		AB-02	rea:	32ha						for	on recui	e require	ment	13ge	Mean Discharge (1963-1986)		80% Reliable Discharge	* ;
	on Kedin	ith Con									Cilie.	Zanon A		Î	į	Ξ				m3/sec	drversio	average	require	Discha	ischarge	icit	çi	liable D.	icit ?	an	leme :	pation A		S)	É	3			Total in m3/sec for	diversi	averag	Monthly requirement	Discha	nscharge -	Dencit	liable L	Deficit Ratio
	Unit Diversion Requirement (in secting)	Crops with Conveyance Efficiency	Paddy	Paddy (L)	Wheat	Legume (L)	Mustard	Potatoes	Maize	Ninna of Cohama		Net imganon Area.	radgy	Paddy (L)	Wheat	Legume (L)	Mustard	Potatoes	Maize	Total in m3/sec for	Average diversion requirement in lit/sec/ha	Monthly average requirement	Monthly requirement	Available Discharge	Mean Discharge (1963-1986)	Deficit	Ratio	80% Reliable Discharge	Deficit	KAGO	Name of Scheme :	Net Irrigation Area	Paddy	Paddy (L)	Wheat	Legume (L.)	Peteter	Maize	Total in	Average diversion requirement in litisec/ha	Monthly average requirement	Monthly	Available Discharge	Mean	3 &	80% Re	Д ²
	<u> </u>		_			,1 	 1				100								===1!					'et							Z.		<u> </u>														

Table 3-7.2 (4/4)	Irri (After	Irrigation Water Requirement for	Wat	er Re	quire	nent		esent	Crop	ping	Present Cropping Pattern in Zone - B (4/4)	Ë	Zone	- B (4	4			ļ					1-	[.
(Finit Diversion Requirement (lit/sec/ha)		Jan.	Feb.		Mar		Apr.	Σ	May	unr	u	Jul		Aug.		Sep.	_	Ö	2	Nov.	ភ្នំ	J	Max.	Remarks
Constant Consevence Efficiency	80% Farly Late	1 ate	Farty	Late E	Early Late	te Early	V	Early	Lafe	Early	ate	Early	Late	Early L	Late Early	ly Late	e Early	y Late	Early	Late	Early	Late		
Padder 2/3 of total raddy		c	c	-1		0		0	0	0.136	48	1,306 C	0.206	0.251 0.3	0.295 0.539	39 0.827	27 0.862	2 0.589	6 0.103	0	0	0	1.306	
1	· c	C	0	. 0	0	0	0	0	0	0	0	0.131	1.928 0	0.430 0.7	0.295 0.539	39 0.859	59 1.075	5 1.405	5 0.838	0.166	0	0	1.928	
	1,00	0 387	218	0.707.0	902	080	8	0	0	0	0	0	a	0	0	0	0	0	0	0	0.047	0.124	0.902	
Validation (1) (Decar(Decar)	0000		0.40	0.00	203	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0.043	0.116	0.470	
<u>]</u>	0.342		0.431	0 197			· C	C	0	0	0	0	0	0	0	0	0	0	0	0	0.087	0.15	0.431	
Ninstard	400		y S		287		· C	0	0	0	0	0	0	0	0	0	0	0	0	0	0.048	0.127	0.506	
Maine	-		0		0	. 0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	٥	0	0	
Name of Schome AB.12 Kutudhol								=																
Net Irrigation Area 43 ha		% Diversion Water Requirement in m3/sec	r Rectain	ement in	m3/sec																			
13/13	56.7%	C	c	0	0	0	0	0		0.00	0.029	0.037	0.006 0.007	١.	0.008 0.	0.015 0.0	0.024 0.0	0.025 0.017	17 0.003			Ö	0.037	
	33.36		C	0	0	0	0	0	-	0	0	0.002	0.028	0.006	0.004 0.	0.008 0.0	0.012 0.0	0.015 0.020	20 0.012	2 0.002			0,028	
34.4 ha		0.009 0.013 0.018 0.024 0.031	0.018	0.024	0.02	021 0.0	8	0	-	0	0	0	0	0	0	0	0	0	0	0	0 0.002	0.00	0.031	
eff.) Oha		0	0	0	_	0	0	0	-	0	0	0	٥	0	0	0	0	0	0	0	0			
Ç	2.1% 0.000 0.000 0.000 0.000	0.000	0000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00000			
	5.6 ha 13.0% 0.002 0.002 0.003 0.003 0.001	2 0.002	0.003	0.003	.001	0	0	0 . 0	-	0	0	0	0	0	0	0	0	0	0		0	0.001	0.003	
		0 0 0	0	0	0	0	0	0	0	0	0	٥		- 1	- 1		٥	0	- 1		- 1	- 1	- 1	
n m3/sec for	83.9 ha 195% 0.011 0.016 0.021 0.027 0.032 0.021	1 0.016	0.021	0.027	0.082	021 0.003	g	0		0 0.004	0.029	0.039	0.033	0.013 0			0.036 0.0		ĺ	- 1	- 1	- 1		
Average diversion requirement in lit/sec/ha	ec/ha 0.26	0.260 0.363 0.489 0.629 0.746 0.486 0.071	0.489	0.629	746 0	486 0.0	III.	0		0 0.091	0.670 0.915		0.779	0.310 0	- 1	0.539	- 1	0.933 0.860	60 0.347	- 1	5 0.045	- [- 1	
Monthly average requirement (m	(m3/sec)	0.013		0.024	O	0.026	0.002	2	O		0.016		0.036	٥	0.013	ö	0.030	0.039	33	0.00	2	0.004	6900	
	000	2,0		į		17	2	2.0		c	40		973		348		76.8	108.1	3.1	22.4	4	9.6		555 in total
Monthly requirement I,U	1,000 m3	350		7.7		70.3	Ġ			,	-	1	1		2		2							

Monthly requirement
Available Discharge
Mean Discharge (1963-1986)
Defficit
Ratio
80% Reliable Discharge
Deficit
Ratio

0.035

0.080

0.088

0.445

0.620

0.011 0.005 32.8%

0.006

0.005

0.008 0.018 68.1% 0.002 92.4%

0.011 0.013 53.2% 0.002 0.022 91.7%

0.004

m3/sec m3/sec

0.134

0.035

0.018

0.027

0.063

Irrigation Water Requirement for Cropping Pattern Proposed In Kotkhu Water Supply Project (Zone - A) Table 3-8

Domerte	CALIFORNIA NO.		_													,						in total							
7625		1.306	1.928	0.948	0.515	0.486	0.562	0.027				0.214	0.158	0.222	0.006	0	Õ	0	0.247	1.005	0.214	3,549 in total							
6	Late	0	Ö	0.124	0.116	0.154	0.127	0				0	0	0.029	0.001	0		0	0.031	5 0.124	0.021	57.0		0.236			0.176	1	•
1	Early -	0	0	0.047	0.043	0.087	0.048	0	!			0	0		0.001			0	0.011	0.046				~					
No.	Late	1	0.166	0	0	0	0	0				_	0.014		0		0		0.014	3 0.055	0.050	128.6		0.338		•	0.269	•	
2	Early		0.838		-		0					0.017	0.069		0			0	0.086	0.348	_	_		6)			۸,		
5	Late	0.543	134	0	0			0				0.089	3 0.110		0		0		0.199	0.810	0.214	571.9		0.602			0.452		
	Early	-	1.071	·		0	0	0 /				3 0.141	0.088		0				7 0.229	5 0.929	6	œ.		_			0	,	
5	v Late	0.994	1.026	0 0	_	_	0	0 0.027				0.163	0.084	_	_				0.247	0 1.005	0.199	514.8		1.48			1.129		
0	Earl	0.610	0.610	٠ د	0							3 0.100	2 0.050	_					5 0.150	0.610	5	600		σ.		,		,	_
5	ty Late	2 0.751	0.751	·		0 0	0	0				9 0.123	3 0.062		0		0		7 0.185	4 0.751	0.146	393.8		1.929			1.408		
_	띮	0.422	3 0.459		0			0				4 0.069	3 0.038	_		_		0	2 0.107	0 0.434	8	6		m			7	,	-
lini	Late	5 0.206	1.928		0		0	0				4 0.034	0.158	0	9		- 0	0	5 0.192	1	0.208	556.9		1.273			0.832		
	E		0.131	0				0				5 0.214	0 0.011	_	0	0		0	5 0.225	9 0.914	4	হা		σ.					-
1	Late	5 1.004	0		0			0				4 0.165	0	0	0			0	4 0.165	699'0 2	0.094	244		0.429			0.141		
	Ē	0 0.146		0				0		gject)		0 0.024	٥	0	٥	0	0	o	0 0.024	0 0.097	0	0		2		,	ლ		-
Mari	Late				0			0		n Water Supply Project)		0	0	0	0		0	0	0	0				0.167			0.093		
	E			0				0		ater Su		0	0	0	0	0	o	0	0	0	Q.	7		7.	,	1	Q.	1	,
ļ	ly Late	0	0	2	0	0	0	0				0	0	8 0	0	0	0	0	∞	3	0.00	23.2		0.127			0.080		
-	E	0	0	75 0.077	0	0	0	0		be Kot		0	0	4 0.018	0	0	0	0	4 0.018	0.546 0.073	6/			ድ	æ	ę,	<u>:</u>	<u>∞</u>	82
Mar	v Late	0	0	8 0.575	4	0	80	0		m by ti	Sec	0	0	22 0.134	ß	0	0	0	4 0.134		0.179	476.1		0.099	0.080	45%	0.061	0.118	66.0%
	e Early	0	0	0.760 0.948	15 0.214	72	12 0.198	0		g Patte	nt in m	0	0	0.092 0.134 0.178 0.222	36 0.003	0	0	0	34 0.224	60 8	52	5.7		13	49	ęş.	5	8	œ.
, 11	v Late	0	0		57 0.515	36 0.222	52 0,542	0		ropping	quireme	0	0	34 0.1	900'0 90	0	0	0	40 0.184	7.0 73	0.162	387.5		0.113	0.049	30.2%	0.070	0.092	56.7%
-	e Early	0	0	95 0.573	55 0.457	71 0.486	53 0.562	0		ned C	ater Re	0	0	92 O.E	03 0.006	0	0	0	95 0.140	88 0.5	72	194.4		55		•	5.	1	
Ent)	ly Late	0	0	99 0.395	37 0.255	70 0.371	0.203 0.353	0		(For Assumed Cropping Pattern by the Kotkh	% Diversion Water Requirement in m3/sec	0	0	47 0.0	0.0 20	0	0	0	48 0.095	0.196 0.388 0.567 0.748 0.911	0.072	19		0.155			0.105		
(Alter Improvement)	80% Early			0.199	0.137	0.270	0.2			Ŗ,	% Dive	150	88	95.0% 0.047	5.0% 0.002 0.003	-,-	- -	-;-	0.048		ହ	£1	_	သူ	Sec	હ્યુ	သွ	Sec	8
Alterin	II									Ħ	13	1a 66.7%	na 33.3%			g	맭	73	1a 200%	lit/sec/f	(m3/sec)	$1,000 \mathrm{m}$		m3/sec	m3/sec		m3/sec	m3/sec	
)	fficienc	2/3 of total paddy	1/3 of total paddy		÷					Kotkh	2.46 ha	164 ha	82 ha	233.7 ha	12.3 ha	O ha	0 ha	0 ha	492 ha	ment in	ent			(98					į
ment (vance E	3 of tota	3 of tota		(Bean/Pea)					F-10		2-46ha							F	require	equiren	ent		1963-19			harge		
Dogwins	Conve	2								ne: A	ion Are				getables				3/sec fc	iversion	verage 1	equirem	discharg	charge (.±.	_	ble Disc	. ±	•
t)	Crops with Conveyance Efficiency =	Paddy	Paddy (L)	Wheat	Legume (L)	Mustard	Potatoes	Maize		Name of Scheme: AL-10 Kotkhu	Net Irrigation Area:	Paddy	Paddy (L)	Wheat	Beans (Vegetables)	Mustard	Potatoes	Maize	Total in m3/sec for	Average diversion requirement in lit/sec/ha	Monthly average requirement	Monthly requirement	Available Discharge	Mean Discharge (1963-1986)	Deficit	Ratio	80% Reliable Discharge	Deficit	Ratio
T. T.	Ö	V.	ሌ	≱		Σ	~~	M		Name	Ž	C	쪼	2	ŭ	Σ	<u>~</u>	Σ	Ę.	¥	Σ.	Σ	¥.	Σ			∞		

Irrigation Requirement of Present Cropping Pattern in Zone - A (1/3) (With a Conveyance Efficiency before Rehabilitation) Table 3-9.1 (1/3)

grant in

Tinit Direction Decreement Offices/he)	(Wi	th a Con	rveyanc	(With a Conveyance Efficiency before Rehabilitation)	cy before R	Rehabili	tation)		May		1	1	-	4110	-	, and			W.N	-	5	Max	Demarke
Crops with Conveyance Efficiency =	60% Early	riv Late	te Early	iv Late	Earl	ate	Early	Late	Early Late	Ear	Late	Early L		Early Late	Ear	Late	Early	Late	Early Late	e Early I	Late		
Paddy 2/3 of total paddy	0	0	1	0	0	٥	0			0.191	1.339	1.742 0.275	1	63 1.001	1 0.813	1.326	1,145 (5.724	0.137 0		0	1.742	
Ĵ	0				0	0	0	0	0 0		0	0.174 2	2.571 0.612	12 1.001		1.368	1.428	1.793	1.117 0.22	_,			
	0.266	66 0.526	26 0.764	54 1.013	1.264	0.766	0.102				Φ	0			0	0	0	0				_	
Legume (L) (Bean/Pea)	0.182	82 0.340	40 0.610	10 0.687	0.285	0	0			0	0	0			0	0	0	0		0.058			
Mustard	0360	60 0.495	95 0.649	49 0.296	0	0	0				0	0	0	0	0	0	0	0	0				
Potatoes	0.271	71 0.470	70 0.749	49 0.723	0.264	0	0	0	0 0	0	0	0			0	0	0	0		0.08	4 0.170	0.749	
Maize	0	0	0	0	0	Q	0				٥	0			0	0.036	c	0		0	٥	0.036	
Name of Scheme: AB-10 Katunje				-															ļ				
Net Imigation Area: 40 ha	% Dive	ersion W	7ater Re	% Diversion Water Requirement in m3/sec	t in m3/se	ç																	
38ha 253 ha	63.3%	0	0	0	0	0	0	0	0	0 0.005	0.034	0.044	0.007 0.0	0.014 0.025	25 0.021	1 0.034	0.029	0.018	0.003				
(L) 12.7 ha	31.8%	0	0	0 0	0	O	0	0	o	0	0	0.002	0.033 0.0	0.008 0.013	13 0,010	0 0.017	0.018	0.023	0.014 0.0	0.003	0	0.033	
29.6 ha		08 00	16 0.0	0.0	0.037		0.003	c	0	0		0	0	0	0	0 0	0	0	0	0 0.002	2 0.005	5 0.037	
or O							c	· c	Ç			0	c	¢				C	Ç				
c t c	20%			C			· C	· c	· C			c	c			¢		C	0	0.0	0000	0.001	
1 L		0000	0.00		2		C	· c				c		· c		· C		C	C				
O LIA) }	3 3 C	t c	1 C	o c	o c	o c) C		0 0	· c	o c	o C		0000		0	· c				
24 Of 20 Per Com		-		5	5	200	2000	c		0	5			SEU COU	3	1	2			Ü	U	1	
10 ma	:		0.012 0.0	0.020 0.020	2000	3	0078	0	-		ŀ	,		- 1	1	- 1		Ť		1	. 1	- 1	-
Monthly average requirement (m.	┵					0.031	- 1	0.002	,	- 1	1				- 1	1	1	1.					
	-																	1	'				
nt	1,000 m3	₹	0.0	76.1		81.9		3.9		٥	203		114.7	81.1	_	106.2		117.8	[2	26.5	11.9	710	III total
		1	ì	i		6	•	,	Ċ	ç	0	,	ç	ć	;	{		i c	Č	5	Č		
arge (1963-1986)	m3/sec		0.016	0.01		200		0.016	รั	0.022	C. C. C. C. C. C. C. C. C. C. C. C. C. C	-	U.131	0.77	4).T.		0.050	3	7	0.029	<u> </u>	
	m3 sec			0.021	~ .	0.021				,	•		ı					r					
	36		1	90.00	S	07.7%		1	1		' '		' į	ì	٠,			' 4	i	٠ ۽	6		
le Discharge	m3/sec	0.0	0,010	0.006	v.	0.006		0.010	ŏ	0.012	0.013	_	0.072	0.157	27	0.112	-1	0.042	∂	0.032	0.022	~	
Deficit	m3/sec	Ö	0.005	0.026	s	0.025		•			0.00		•		ι	*		0.007				,	
Ratio	જિ	32.4%	8	81.1%	Q,	80.5%		ı			33.0%		•			-		4.8% %					
Name of Scheme: AB-14 Mahadev Khola	Khola																						
-	% Div	ersion V	Vater Re	% Diversion Water Requirement in m3/sec	t in m3/s	8																	
9.8ha 73.2 ha	65.4%	0	C	0	0	0	0	0	0	0 0014	8600	0.127	0.020	0.041 0.073	0900 57	50 0.097	7800	0.053	0.010	0		0 0.127	
(L) 36.6 ha	32.7%	0	0				0	0	0	0						90 0.050		0.066	0.041 0.	0.008	0	0.094	
89.6 ha				C	C	6900	6000	C	¢	0	0		¢	0	c		0	0	0	0 000	06 0.015	5 0.113	
3.4 173						0	0	c	¢	0		0	0	Ç				0	0				
ĘŢ.							0	0	0			0	0	Q	0			0	0			1 0.004	
					4 0.001		0	0	0		0 0	0	0	0	0		0	0	0	0 0.000		0.004	
Maize 2.2 ha	20%	0	0	0	0 0	0	0	0	0			0	0	0	0	0.000		O	0	0	0	0000	
Total in m3/sec for 216,2 ha	1.0	0.028 0.0	0.054 0.0	0.078 0.099	9 0.116	0.069	0.009	o	0	0 0.014	960'0 t	0.134	0.114 0.	0.064 0.110	10 0.089	39 0.147	7 0.136	0.119	0.051 0.	0.008 0.007	710.0 70	7 0.14	T:
Average diversion requirement in littsec: ha	-	0.249 0.	0.480	0.700 0.883	3 1.033	0.613	0.082	0	0	0 0.127	7 0.875	1.195	1.020 0.	0.568 0.981	81 0.797	77 1.314	4 1.215	1.059	0.455 0.	0.072 0.060	60 0.156	6 1.314	,
Monthly average requirement (rr	(m3/sec)	ŏ	0.041	0.089	6	0.092		0.005		0	0.056		0.124	0.087	87	0.118	8	0.127	Ö.	0.030	0.012	2 0.12	72-
Monthly requirement 1,0	1,000 m3	11	5011	2126	9	244.8		11.9		0	145.5		331.4	প্র	234.3	306.5	10	340.3		76.5	33.0	0 2,047	in total
																						_	
Mean Discharge (1963-1986)	m3/sec	ő	0.046	0.028	90	0.024		0.037	Ö	0.049	0.122		0.370	0.5	0.560	0.430	0	0.173	Ö	0.099	0.069	0	
	m3/sec		1	0.061	<u></u>	0.068		1		,	ı		•					,				•	
Ratio	ß		1	683%		74.2%		•			•		1		•		,	,		ı		-	···
80% Reliable Discharge	m3/sec	ő	0.031	0.014	4	0.00		0.023	Ö	0.027	0.036		0.241	04	0.409	0.328	αó	0.127	Ö	0.079	0.052	53	
	m3/sec	0	0.010	0.075	ري د ري	0.0		ı		ı	0.020		1					0000				 -	
Ratio	કુંધ	7	24.1%	877%	£	90.2%		•		•	35.9%		•					0.3%		•		_	
																							-

Table 3-9.1 (3/3)	Irrigation Requirement of Present Cropping Pattern in Zone - A (3/3) (With a Conveyance Efficiency before Rehabilitation)	n Require	ment of Po y before Rehabi	Present Cro	pping Pa	ttern in Z	опе - А (3,	(3)	·	
nit Diversion Requirement (lit/sec/ha)	Jan	Feb.	Mar	Apr.	May	Jun	Ę	Aug.	Sep.	٥
() () () () () () () () () ()							ı			

			Veyan				4		Mari		-	1	-	And	ð	2	Č		Non		Dec	Max	Remarks
Unit Diversion Requirement (Invsector)	60% Farly Late	rly I at	Far	Farly Tate	Fariv) ate	₹I''	ate Early	ty Late	Early	Late		Ear	٧	-	Late	Early L		uly Late	Earl	Late		
Paddy 2/3 of total paddy			٦.		-1-	0	1	╌			١,		ł	4	Η.	1,326	1					_	
Paddy (L) 1/3 of total paddy		0	0		0	0	Φ	0	0				2.571 0.612	00.1	0.81	1,36			Φ				
	Ö	0.266 0.526		0.764 1.013	3 1.264	0.766	0.102	0			0	0	0				0	0	0				
Legume (L) (Bean/Pea)	0	0.182 0.340		0.610 0.687	57 0.285	0	0	0			0	0	0				0	0 1	0 (
	0	0.360 0.495		0.649 0.296	92	0	0	0			0	0	0			0	0	φ,	Ç (
Potatoes	0	0.271 0.470		0.7	0.2	0	0	0		0	0	0	0	0	0	}	0 0	0 0	0 0	0.000	0.17	0 0.749	÷ 1
Maize	_	٥	0	0	0	İ	٥	0	1		0	٥	٥			0.056	5					_	
	•											٠											
-19 T	iraw (1)		ļ																				
igation Area: 497 ha	8	ersion W	ater Re	quireme	% Diversion Water Requirement in m3/sec]				- 1		- 1			- t	040	c	c	0	-
.4ha 288.3 ha	58.0%	0	0				0	0	0	0.056										2 6	٠ د	2 5	<u>.</u>
Paddy (L) 144.1 ha 2			0		0	0	0	0						0.088 0.144	0.11					2000	2 0		
Wheat 372.8 hz 7	75.0% 0.0		8 07		78 0.471	0.286	0.038	0			0	0	0	0		5 (5 (- (-				
Beans 14.9 ha	3.0%	0.003 0.005	0.0	0,009 0.010	10 0.004	0	O	0			0	0	0	0			-	Þ	5 (3 (
rd 39.8 ha	8.0%	0.014 0.020		0.026 0.012	0	0	0	0			0	0	0	0			0	0	9				<u>n 1</u>
Potatoes 44.7 ha	0.0%	0.012 0.021		0.033 0.032	32 0.012	0	0	0		0 0	0	0	0	o	0		0	0	0	0 0.003	03 0.008		70.0
54.7 ha		0		0	0 0	0	0	0	0		- 1	1		- 1		- 1	- 1	- 1	- i	- 1	1		N1.
Total in m3/sec for 959.3 ha		0.128 0.242		0.353 0.432	32 0.487	0.286	0.038	٥				0.527	0				0.536	- 1		- 1	- 1	- 1	≟ ∏-
equirement in lit's	┽	0.258 0.487	111/0 /28	711 0.869	69 0.980	0.0575 0.077	0.077	0		0 0.113	0.777	1.061 0	0.905 0.5	0.504 0.871	71 0.708	3 1.170	1.078	- 1	0.404 0.0	0.064 0.063			51
Monthly average requirement (m.	┱		85	0.393		0.386	0	0.019		0	0.221	0	0.489	0.342	77	0.466		0.501	0.1	0.116	0.056		FFT.
	1.000 m3	500.7	[943.3	.g	1,026		49.3		0	573	-	1,305	922.8	œ	1,209		1,340	8	301.3	151	3 8,322	2 in total
																		!		;	i	;	
963-1986)	m3/sec	0.478	86	0.340	.	0.290	J	0347	0.466	9	1361	प	4.114	6.058	88	4.748		2.043	ä	1.026	0.691	~	
	m3/sec		,	0.053	SS.	0.096					1		ı		ı	1						1	
	82		ι	13.4%	₽£	24.8%	•		•	٠,	' (•	' (•	· ç			, 227	č	, 550	0.5	' 2	_
le Discharge	m3/sec	0.327	127	0.187	£8:	0.157	J	0.200	0.237		0.432	7	7.762	VC4.4	à	2,007		1.330	Š	CTO '	Š	<u>, , , , , , , , , , , , , , , , , , , </u>	
	m3/sec		١.	0.206	8 (622.9					•					' '				,		-	
Ratio	82		•	52.4%	5	84.60		,		,	, 		٠		.							\downarrow	
l			ľ																				
-20 Th	airaw (2					-								-									
gation Area: 88 ha	<u>қ</u>	version V	Vater R	equirem	H H	Į	1	ļ		0.00	- 1		- 1	0300	TV00 02	7 0 076	9900	0.042	3000	c	c	0010	C
86.2ha 57.5 ha	65.3%	0	0	0			၁	\$	5 (0.011))	20170					250			2000			<u>च</u>
		٥.			- ; - ;			> 0	5 (0.005 0.012		Ţ.
74.8 ha		0.020 0.0				2	<u>خ</u>	5 (> (o c	> c	> C) C) C				
Beans 1.8 ha					۲ ت		.	>	> (> 0	5 6						• •				
Mustard 1.8 ha								0	o			> (> <	> (•	> <				2 5
Potatoes 2.6 ha	3.0%				ö			0	Φ (0	0 0	၁၀	5 0	> 0	-	000	5	> c	> c	2			<u> </u>
0 ts						0 0	- 1	5	٥	- 1	-	- 1	- 1	- 1	- 1	- 1		- 1	- 1	- 1	0005	13 0 115	5 V
Total in m3/sec for 167.2 ha	150%	0.022 0.0	0.042 0.					٥	0			- 1	- 1	. I.	- 1	٦,	- 1	ī		- 1			गुर
Average diversion requirement in lit/sec/ha		0.245 0.4	0.478 0	0.698 0.5	0.903 1.088		0.087	0	0	0 0.127		1.195	. 1	0.367 0.9	0.580	.	1.214	- 1	: c	. 1		L	गड़ि
Monthly average requirement (n	(m3/sec)	0	0.032),O	0.070	0.077		0.004		0	0.0 4		0.097	0.068	88	0.093		0.100	j	0.023	0.0	_1_	ΞT
	1 000 m3	oc	86.1	16	168.8	203.3		6.6		0	114,3	•	260.1	38	184.0	240.5		267.1		60.0	5	253 1,619	9 in tota
																			•	. [(
Mean Discharge (1963-1986)	m3/sec	Ò	0.491	7	0.235	0.217		0.417	0.569	9 3	1.565	•	5.000	7.5	7.560	5.810	_	7.326	∔	1.207	CUS.U	5	
	m3/sec				1			1		1	•		ı			. '		• 1				, ,	
	<u> </u>		. i.,	Ċ		' '		1 6		' F	9.50	·	2 3/50	ý	5 513	2.47.4		702	С	0 936	C	0.571	
le Discharge	m3,sec	oʻ	0.257	ć č	0.041	40.0		6770	7.0	,	0/2/0		5.402	1		' 			5	, .	3	, ,	.—
	In 3 Sec	7 7	.'	5 =	0.029 11.965	46.48									•	•		ı		1		-	
Katio	5			†	20	7		'														-	-

Pattern in Zone - B (1/4)	A Juli Juli A
esent Cropping Pattern	Apr. Ma
I t of Pr re Rehabil	Mar
n Requiremen	Feb.
Irrigatio	Jan
ble 3-9.2 (1/4)	rsion Requirement (lit/sec/ha)

A Colveyance Entrement Ann. Ann	Late Earl	Late Earl	Late Earl	Late Earl	Late Earl	Late Earl	r. Late Earl	Part) o	.ee	e o		1.74			333 atc	Sep. Early 1 0.719 1	103 103		 	Nov. Early Late 0.137 0	Early 0	o o ste	Max. 1	Remarks
Paddy (L.) 1/3 of total paddy Wheat Legume (L.) (Bean/Pea) Mustard						Ö	0		0000	0000	0000	0.174 0 0	0 0	0.5/3 0 0		0.719 0 0	1.145 1 0 0 0	1.433 1. 0 0	0 0	<u>-</u>		0.166 0.154 0.206	2.571 1.203 0.627 0.575	
Polatoes Maize Name of Scheme: AK-04 Biswambhara	hara	0.367 (0.461 0	0 0.675 0.6	0 0 0	0 0	00	00				00	0 0	00	00	00	00	00		0 0	0.064	0.170	0.675	
문	80.0% 30.0%	Niversion 0	n Water 0	Requirem 0	% Diversion Water Requirement in m3/sec % Do 0 0 0 0 0 % Diversion Water Requirement in m3/sec 0 0 0 0		00	00	0 0	I	0.07	74 0.096 0 0.005	5 0.015	5 0.018	0.022	0.040	0.061 (0.032 (0.063 0	0.043 0.0	0.008 0	0 0	00	0.096	
Ω	74.0%	0.025	0.035	0.047 0.064	0.0	0.0	0.00		00	00	00		00			00	00	000	00	00				
Mustard 9.2 ha	10.0%	00.00 10.00 10.00	0.004	0.005	0.002 0 0.007 0.003				00	00	00			00	00	00	00	00	, 0 0 1	00	0 0.001	0.002	0.00	
Maize 9.2 ha 10.0% Total in m3/sec for 180.3 ha 196% Average diversion requirement in liVsec/ha		0 0 0.033 0.045 0.357 0.486		0.060 0.0649 0.0	0.073 0.085 0.797 0.920	0.00	0 0.008		000	1 [0.010 0.074 0.109 0.803	1.00	1 1 '	0.03	1 1	0.060		1 1		1 1	06 0.006 66 0.065		, , ,	_
Monthly average requirement (1	(m3/sec)		0.039	0,	0.067	0.070		104		0 0	0.042	27 80	0.094	4 0	0.033		197.1		0.099	57.7	57.7	0.011	0.099	in total
3-1986)	m3/sec		0.081	0	0.064	950.0	, s	0.058	ď	0.075	0.215	(5	0.629		0.905		0.720		0.327	0.159	89	0.109		
Deficit Ratio	m3/sec		1 1 6	0,40	0.003	20.5%	10, (y		(, , ,	ć	۱ ، ز	, , į	, , .	' ' [' ' ' ' ' '		- 250		' ' 0	, , ,		
80% Keliable Lyscharge Deficit Ratio	m3/sec		Acoro	⊃ C (%)	0.027 39.9%	0.035 49.9%	n vn .o	69.0	ɔ	7	0000	8 ' '	7	- • •	7,000		700	-	3 ' '	5	3 ' '	,		
K-05 Bo	-				1	1																		
Net Imgation Area: 122 ha	133	Civersion	n water	Kedmren	% Diversion water Requirement in insisection		٥	0	c	0	0015 0 109	09 0 147	2 0 022	7200 2	0.032	0.058	0600	0.093	0.064	0.011	0	0	0.142	
(I)		0 9200	0.037	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ć	Č		000							0.029				0.045 0.0	0.009 0	0.01		
e (T)	2 0	0 0	0 1	0 0	0 9	3			00	000	000					00	00	00	00	00				
Musiare S4.2 in Potatoes 12.2 ha	10.0%			0.000	0.008 0.003			, 0 0	000	000	000	000				000	000	000	00	000				
Total in m3/sec for 239.2 ha	1.5		0.059			88 0.057	0.0			1 1	0.015 0.109	09 0.149	9 0.127	1 1	0.048	0.088	0.136	0.152	0.140	0.057 0.0	0.009 0.009	0.021	0.152	
Average diversion requirement in invectina Monthly average requirement (m3/sec		450	0.052	0,020	0.080	1		0.00		00	1	- 1 - 1	1 1	88	- f	1 1	0.112	- 1 - 1		i I	, ,		1	
ti	1,000 m3		140.5	1	192.8	193.6	Q.	10.8		0	160.2	77	368.3	6	131.8		290.3		390.4	8	85.1	40.7	2,00,4	in total
Available Discharge Mean Discharge (1963-1986)	m3/sec		0.135	0	0.115	0.105	ŵ	0.108	S	0.128	0.294	\$	0.784	Ŋ	1.112		0.892		0.427	0.2	0.228	0.168		
Deficit Ratio	m3/sec		· · ·		• .!		1 1	• •		1 - 1		, ,					1 1		1 1,	,		,		
80% Reliable Discharge Deficit	m3/sec m3/sec		0.109	•	0.086	0800	g ' '	880.0	J	0.089	0.134 	¥	0.550	g ' i	0.836		0.705	-	0.343	0.191	당''	0.137		_
Kano	Q.																							

-	Remarks	T			_,_												·-··			•	in total												-								in total	T Property	•					
	Max R	1 742	27.7	1.203	0.627	0.575	0.675	0			0.078	0.057	0.018	0.016	_	0.00	0	0.083	80		83										9	0.115			5			0.12	į.	1	1718	> 17						_
	П	- age		0.166	0.154	0.206	0.170	0						0.0		8		0.007	0005	2,000	123	0.216	,	• •	0.162	7	•					50	5		5			0.01	- 1	Ļ	3,1	;	0.109	•	1	0.083	,	•
	D C C C	cariy	o c	0.062	0.058	0.116	0.064	٥			0			Ö,	0	000	- 1	0.002	- 1			24			•						İ	> c	0		Č			0.00		i	_		σ	ı		t		
	18L	Tale	Ç		0	0	0	0			0 9	0.0			0		- 1	0.005	- 1	70.0	46.6	0.312			0.249							5	3			, ,		0.00	1	i	069	3	0.159			0.127		
	-	5 0 137	٠		0	0	0	٥			35 0.006	42 0.025			٥		_	150.00 //	- 1	3	13	g		.)	- 69	,	1				- 1		760.00 70		> c	0 0	· c	0.114 0.046	1		3167		0319	ŧ	1 1	0.247		
	티워니	iv Late					0				0.051 0.035	0.032 0.042	0	0	0	0	- í	0.083 0.077	- 1	3	214.3	0.603			0.459						- L	0.076 0.052		۰ د	> 0	o c	o c	1			3.1	;	0.5			0		
	H	ne Early					0 0					0.026 0.0	0	0	0	0	- 1	0.075 0.0		3	159.5	1.411		, ,	1.091	,	,				- 1	0.075		· c	, c	o c	o c	1	١.	1	735.6	3	0.719	ı	1	0.559	•	•
	164	Early Late	-	'			0				1	0.016 0.	0	۵	0	0	- 1	0.048	- 1		ï	+			•						- i.	7 2 2 2) c	> <	0 0	c	- 1	1	1	,		0			0		
		Tage 0 303			0	0	0	0			0.018 0	0.009	0	0	0	0	- 1	0.026	- 1	(70.05)	723	1.811			1340	•	,				- 1	0.026		o c	> c	0 0	~ C	1	- 1		1049	ì	0.912	ı	1	0.676	ı	1
œ.	151	C 334			0	0	0	٥			ì	0.013	0	0	0	0	- 1	0.028	- 1												- 1	0.022		, c	> 0	0	o C	200	1									
B (2/4	}- -+	3776	٠.		0	0	0	0			0.012	0.057	٥	0	0	0	٥	0.070	2000		202.2	1.216		۱ ۱	0.816	•	'				- 1	0.018	3			o c		0.10	1		798.8	****	0.624	ı	1 !	0.425	1	•
one -	1	rarry 1	0.174	0	0	0	0	0			0.078	0.00			0		- 1	1 220	1												- 1.	0.115				, ,		0.12		1						'n		
ı in Z	191	330	. C	0	0	0	0	0			3 0.060		0 0					0.060	- }	3	88	0.411			0.137		ĺ				ď	8 5				, ,		000		1	1301	Ì	0.213		1	0.076		
Cropping Pattern in Zone - B (2/4)	\vdash	rany 0 182	or o	0	0	0	0	0			0.00		0				- 1	0 0.008	2 0		0	23			- 52	,	,				- 1	710.0 0	> C	, ,	.	o c	o c	0 0.012		0	c	,	92		• ;	0.042	,	
ing P	Ž Ž	y 1	0 0	0	0	0	0	0			0	0	o	0	0	0	0					0.152			0.085							5	5 C	0 0	> 0	5 C	o C	٥	0		:		0.076			0.0		
ropp	1-1	i) o		. 0							0	0	0	0	0	0	٥	٥	5 2	3	22	115	¦ '	, ,	07.5	1	,					> 0	5 0	0 0	> C	o c	o c	0	0	5005	12.0		850	,	•	0.037	•	,
3	ايرا	rany o		00							0	0	0.002	0	0	0	٥	0.002	970	٦		ď			ď							5 (200	3	> <	> C) C	6000	0.092	0			0		•	0		
of Pre		Tage C		0							0	0		0	0	0	- 1	0.012 0		07070	48.7	0.083		. (0.040		٠					5 (> 0	o c	, c	- 1		•	2169	7777	0.049	0.033	40.2%	0.027	0.055	80.7
Irrigation Requirement of Present (With a Conveyance Efficiency before Rehabiliation)	Mar	 	,	დ		0	0.249	0		m3/sec	0	0		0.007	0	0.000	ı	520.0	-												% Unversion water Requirement in m3/sec	-			> C	. 0	3	- 1						.'				
(UÚTED) Ficiency	a i	are	> c	4			0.664	0		% Diversion Water Requirement in m3/sec	0	0	0.014	0.016	0		0	0.031	- 1	07070	565	660.0			50.0	'	'				rement 1	D (0 051 0074			200		000	1		1848) E	0.057	0.020	8,5	0.033	0.0 8	27.7%
n Reg	Feb	rarry	٥ د	0.691			0.675	0		er Regui	0			0.013	0	0.001 0.001	t	0.025												ç	ter Keou	5 (0.054	t c				Č		4 .			_			LA.		
gatio) a Conve	lan.	-71	o c	Ö				.0		ion Wat	0 0	0		2 0.008	0 0	0.001	- 1	3 0.017	- 1	CIO	39.9	951.0		•	0.102					í	SION Wa	0 0	0	to c	•			00			116.0	*	0.077			0.055		
Irrr. (With		% Early	> c	0.362	0.278	0.456	0.367	0		5 Diver	152			% 0.007		% 0.001			2 2	5	13	ç	1 5	ध स	ي ج		8	,		<u>, </u>	S Liver		. 5		5			υÜ	٠.	+=	72	3	8	왕	ક્ર	St.	9 i	38
		1 GU%									66.7	a 33.3%		а 37.0%			- 1	a 197%	HE SCALIE		1,000 m3	n3/sec	3/600	N N	3/8m	majeer							327.78		, 200 El 19				lit/sec/h	(m3/sec)	1 000 m3	7,000	m3/sec	m3/sec		m3/sec	m3:sec	
: 	lit/sec/ha	discensi	a pagety		~			,	AK-07 Dakshinkali	67 hz	44.7 ha	22.3 ha	14.7 ha	24.8 ha	O ha	2 ha	23.5 ha	132 ha	ment in			8	.						Technon	HARTINIT +1-VE	^		S	0.00 Ltd) c	18.2 hs	201 E4 C		Average diversion requirement in lit/sec/ha	nent			(986		:			
Table 3-9.2 (2/4)	rement (eyance E	2/3 of total paddy		(Bean/Pea)				1K-07] 	67ра						٠.	5	ח ובלותוב	redinien	nent	ge 1963-19	}		charoe	6	. *		11 11	1-45		P. Ta			.*			Ì	in require	Monthly average requirement	Thent	De	Mean Discharge (1963-1986)			scharge	n.	
3-9.2	n Requi	In Conv.								1-7		_				٠		n3/sec f	diversion	avelage	requiren	Discharg	1	Ħ.	able Div	ŧ				-	atton Ar	,	7	(1)	<u> </u>			Total in m3/sec. for	diversio	average	Monthly requirement	Tischar	scharge	icit	Ratio	80% Reliable Discharge	<u>ថ្</u> ង .	o
Table	Unit Diversion Requirement (lit/sec/ha)	Crops with Conveyance Efficiency	rado) Podd: 7	Wheat	Legume (L)	Mustard	Potatoes	Maize	Name of Scheme:	Net Irrigation Area	Paddy	Paddy (L.)	Wheat	ន	Mustard	Potatoes	Maize	Total in m3/sec for	Average diversion requirement in huselina	Monuny average requirement	Monthly requirement	Available Discharge Mean Discharge (1963-1986)	Pofici	Datio	Row Reliable Discharge	Definit	Ratio		100	Name of Scheme.	Net imgation Area	Paddy	raddy (L) Wheef	Wilean I commo	Leganie (L.)	Destroe	Maizo	Total in	Average	Monthly	Monthly	Available Discharge	Mean Di	Deficit	23	80% Re	Deficit.	Rabo
				_	_	<i>(</i>		<i>~</i> 1	Nam	LC:	.12			.r 	<u>1</u> .	-7-	.=:.l		<u>کا بد.</u>	1	•	٠ <u>۷</u> ^								Ħ																		

MORNING.

Irrigation Requirement of Present Cropping Pattern in Zone - B (3/4) (With a Conveyance Efficiency before Rehabilitation) Table 3-9.2 (3/4)

Demorter	2							T						•					in total																		total				
-	Nada.	1.742	2.571	1.203	0.627	0.575	0.675	ō			0.182	0. I34	† C	0.005	0.055	0	1.747	0.188	2,624 in									0.037	0.028	0.031	5 0	0.002	0	0.040	1.245	0.038	545 in total		···		-
ľ	ate	⊬	_	0.166		0.206	ၟ	- -			0			0.002	0.014	- 1	0.029		33.6	0.260	3		0.203		· ·			o	0	0.00 100 100 100 100 100 100 100 100 100	5 C	5		1 !	0.150	0.003	8.9	0.055	1	2	, , , , , , , , , , , , , , , , , , ,
Č	Early	_	0	0.062	0.058	0.116	0.0 45	٥			0	0 00	3	0.001	0.005	- 1	0.011	1										0		Ö	> C	0.0		ΙÌ	0.056						
	Late	٥	0.221	0	0	0	0 (1	0.012				- 1	0.012	1	109.3	7 303	3	• 1	0.316	1	•	:		l	000					ıı		0.009	22.3	0.080	•	1300	; · ·
	Early	0.137	1.117	0	0	0	0 0	٥			1	0.0				ļ	0.073	1	51				~					l	0.0					l I	9 0.465	w	4	m			•
	Lage				0	0	0 0	٦			í	860.0		0 0		- 1	0.180	1	502.2	0.792	3		0.617	•				1	5 0.020					ıı	5 1.149	0.038	102.4	0.163	•	. 901.0	0.122
	E	-1		0	0	0	00				Į.	6/0.0				- 1	0.193	1	٠.			, ,	` 00	,				ŀ	0.0		- c			1 1	7 1.245	6	. 71	Ø.	1		- 1 1
	Late			0	0	0	00				1	9000		. 0		- 1	3 0.173 9 1117	1	373.6	1.768			1.378					ł .	8 0.012) c			1 1		0.029	76.2	0.359		, 90, 0	97.5
	Earl	4		0	0	0	0 0	٥			1	0.058			0	- 1	2 0.113 0.719	1	ا	2	ţ.	1 1	92	,				1	¥ 0.008	0 (5 C	o o	0	il	33 0.719	[3	9	ß		י ע	. ·
	Aug.	-1		0	0	0	0 0				í	0.021			0	- 1	2 CLO62		169.5	2 234	1		1.658						36 0.004	0 0	> c	0		1 !		0.013	34.6	0.452		7250	
	Ear	-1		0	0	0	0 0	2		1	i	0.030		0	0	- 1	0.065	1	80	Ę	2		23						28 0.006	0 (o c	0	0	ł I	43 0.414	36	96.6	4		· V	<u> </u>
13	y Late			0	0	0	0 0	٦			Į.	0.134	, 0	0	0	- 1	1 C 163		473.8	1 540	j		1.052					ı	02 0.028	0 0	> c	, 0	0	1 1	1.218 1.043	0.036	ð	0.314		, 250	5
ŀ	e Early	-;	0.174				00				1	0.000	9 0	0	0	- 1	9 0.191		, E	y	9		61	,				0.029 0.037	0 0.002	0 (>	0	0	1 !	0.891 1.2	0.016	42.0	0.108		- 0000	<u> </u>
	ly Late	J					0 0				0.019 0.140	٥	0 0	0	0		0.019 0.140	1	206.3	965 0	3		0.191					0.004 0.0	0 (0 0	- -	0	0	1 1	0.121 0.8	0.0	4	0.1		ć	š
-	te Early	1					0 0				1	0 0	,	0	0) 	1	0	0.186	201		0.104	,				ı	0 (0 (> c	0	0	0		a	٥	0.037		1000	77 .
	Early Late	1					0 0				0	o c	0	0	0	0	0 0	,		5	3		0					0	0 (0 (> <	0	0	٥	0			õ		Ç	5
	Late Ea	1	0				0				0	0 0	0	0	0	٥	5 6	18	120	27	ì	, ,	68	ı				0	0	0 (o c	0	0	٥	0	002	3.9	029	ı	. 6	
(iioii)	Early L			0.118		0	0 0				0	۵ و د	3 3 0	o O	0	0	0.009	j		c	j		Ó					0	0	0.003	> c	0	0	0.003	0.094	0		0		ς.	>
Haville	Late E	1		0.810 0.		0	0 0	1			0			0	0	- 1	0.084		236.6	133	3		0.081	0.008	9.1%			0) C	0				0.026	9.69	0.028	•	· 6	0.009
N SIGILA	Early 1		0	1.203 0	0.270	0	0.249	٥		m3/sec	0			0	0.020		0.115				,		C		•		m3/sec	0			> c	0.00	0	1 1	0.987			Ū			m
ין רובוור)	ate	0	0	0.934	0.627 0	0.256	Z I.	ار		ment in	0	0 20		0.002	0.054 (0.130	0.122	293.0	200	2.7.7	• '	0.094	0.028	22.8%		ment in	0			> <			0.026	0.814	0.023	55.0	0.032	١		0.003
100	Early	0	0	0.691	0.536	0.575 (y.	5		Require	. 0	0 00	t C				0.775								7		Require	0	0		0 0	0.002	0		0.620	٠					
	ate	0	0	0.517 (0.330	0.486	77	٥		n Water	0	0 5	T C	0.00	0.038	٥	0.082		193.6	201.0	27.5		0.142	•	•		n Water	0	0		⇒ ¢		0		0.459	0.013	33.8	0.040	•	, ç	0.02
The Table Table Table No.	Early	0	o	0.362	0.278	0.456	-	٥		% Diversion Water Requirement in m3/sec	0	0 0	0.028		0:030	0	0.062										% Diversion Water Requirement in m3/sec	0	0	0.009	5 C				0.326						
1	80	<u> </u>						1	=	-	66.7%	33.3%	20.0%	5.0%	52.0%	•	207%	(m3/sec)	1.000 m3	m3(oo	28/21	33.CIII	m3/sec	m3/sec	કિ		80	66.6%	33,4%	80.0%	•	10.0%		190%	ec/ha	(m3/sec)	1,000 m3	m3/sec	m3/sec	88	m3/sec m3/sec
(ha)	ency =	dđy	ddy						AK-25 Shali Nadi	157 ha	Ė	52.3 ha		7.9 ha		o ha	325 ha				- ,	-				<u></u>	32 ha	1			2 F			60.8 ha	ıt in lit/s		1,(
ant (litter	ce Effici	2/3 of total paddy	1/3 of total paddy		(Bean/Pea)			***************************************	25 Sh		157ha 104.7 ha	vi ř	×	,	60		3	irement		2 1006	7-1300)		9)		AB-02 Bidol		32ha 2	≍ .	N				9	ţuiremei	irement		3-1986)		;	7. 56
O Company	Crops with Conveyance Efficiency	2/3 0	1/3 0		(Bear			***************************************		1.7	15						Total in m3/sec for 325 ha 207%	Monthly average requirement	rement	vailable Discharge	F (17		80% Reliable Discharge			1								ec for	Average diversion requirement in lit/sec/ha	Monthly average requirement	irement	vailable Discharge Mean Discharge (1963-1986)		í	80% Kehabie Discharge Deficit Ratio
Do.	with Co		£		Legume (L)	ud	ž.		сћете:	Net Irrigation Area		Ĵ,	wileat Leonine (1.)	ud (1	že	ex	Total in m3/sec for	hly aven	Monthly requirement	Available Discharge	Loscata Versait	Pario	Reliable	Deficit	Ratio	cheme :	Net Irrigation Area		Ĭ.	چ	Legume (L.)	, K	, ,,	Total in m3/sec for	age dive.	hly aver	Monthly requirement	Available Discharge Mean Discharge (1)	Deficit	Ratio	Kehable Deficit Ratio
1 July Disservior Descriptions of (19/200/ho)	Cops	Paddy	Paddy (L)	Wheat	Legur	Mustard	Potatoes	Marze	Name of Scheme:	Net Ir	Paddy	Paddy (L)	I estim	Mustard	Potatoes	Maize	Total	Mont	Mont	Availat	MEdil	1 ¹	80%	Ц	****	Name of Scheme	Net I	Paddy	Paddy (L)	Wheat	Legume	Potatoes	Maize	Total	Avera	Mont	Mont.	Availa Mean	ı	Č	28
į			. 7		,	. •			Na Ema	•	******							~ Lúni		٠,						Ka								J.35VW		n-1					

Irrigation Requirement of Present Cropping Pattern in Zone - B (4/4) (With a Correvance Efficiency before Relabiliation) Table 3-9.2 (4/4)

[Τ														-						Ē		· · · · · · · · · · · · · · · · · · ·		•		***					-								2	
	Kemarks				_	10	10	0				0	_	F-1	0	_	ন	<u></u>	<u>60</u>	स ।	≓ī	739 in tota	L										v) c	5 6	<u>ر</u> ح	<u>- 9</u>	ğ c	ज्ञाह	110	19	≟ ⊒. ∵	
	Max.	1 7/13	2.571		0.627		0.67				Ŀ			0.041			0.004				0.05				_	_		1	<u> </u>		l		0 0.815				5 5	-	- L	_L	16.73	┙
İ				0.166	0.154	0.206	0.170	٥				0	0	0.00	0		0.001				0.005	128		0.063	•	•	0.035	•	`								70.0	1	- 1		0.31	3
	ž ;		0 0	0.062	0.058	0.116	0.064	٥				0	0	0.002	O	0.000	000	0	0.003	0900												0	0 0	200	0.00	0.012		0 000	0.065			
		38 0	0.221				0	0				0	0.003	0	0	0	0	٥	0.003	0.073	0.012	58.9		0.112	1	•	0.080	•	1			0	0.070	> 0	O	5 (5 C		0.00	0.256	0.66	3
	۶L	7 127 C			0	0	0	0				•	0.016	0	0	0	0		0.020	0.463														> 0	5	0 (> 0	2 17	177			
	_+	2000			0	0	0	0			. 1	١.	0.027	0	0	0	0		0.049	i. I	0.051	137.5		0.165	,	1	0.088	٠	,					5	0	0 (-	- 1	- 1	+	3.04	ţ.
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	-	S Cally					0				1	ŀ	0.016 0.0	0	0	0	0		0.048 0.0	-	0.039	102.3		0.613	ı	,	0.445	,						٥ (0	0 1	5 6	_ "	1061	١.	3.54	3
	Ω.	312			0	0	٥	٥				21 0.032		0	0	0	0	0	i	1	0	10		ŏ			ö							5 (0	0 (5			1		
	ī	S E			0	0	0	0					6 0.010	0	0	0	0	0	1	3 0.719	7	ব		œ		,	0						5 0.228	⇒ (~	0	0 0	0 0 0	1		ß	2
	왜	Tale		0	0	0	0	0			- 1	0.011	0.006						3 0.017	ı	0.017	46.4		0.868			0.620						2 0.125	o 1	0	0	0 4		3 0374			3
	Ž,	A SEC	4 6	0	0	0	0	0				0.010	0.008	0	U	0	Ų	0	0.018	0.414													0.18					- 1	0.393			
İ		Tale		0	0	0	0	0				0.008	0.037	0	0	0	0	0	0.045	1.039	0.049	129.8		9			0.283	'	•			0.174	0.815	9 '	0	0 1	0 0	8		103	6	67
	7 L	ᅱ.	1747		0	0	0	0				0.050	0.002	0	0	0	0	0	0.052	1.220												1.103	0.055	0 (0	0	0 0	7 2	2 2	3		
	╅	Tage 1		,	0	0	0	0				0.038		0	0	0	0	0	0.038	0.894	0.022	995		0.134	,	•	0.011	0.011	49.6%			0.848	0	0 (0	0	0 0	0 00	0.040	0.481	3,05	3
	8 I	<u>"</u>	3	, 0			0	0				0.005	0	0	0	0	0	0	0.005	0.121				_			_	_	4				0	0	0	0	0 9		0.115			
		-										i .	0	0	0	0	0	0	0	!	0	c	,	0.035		,	9000	٠.	,			i	0						> 0	Į.	ء اد	ا ح
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	+	1	> C									0	0	0	0	0	0	0	٥	0	22	5.2	ļ	00	. '	,	25	ļ · •				0	0	0	0	0	0	o 0	5 C	5 4	:	
٥	۲ľ	٦.	>			0	0	0				0	0	-	0	0	0	0	*1	et.	0.002	,	,	0.018			0.005					0	0	<u>-</u>	0	0	0 (٠,	- I	140	3 6	<u>خ</u>
(With a Conveyance Efficiency before Rehabilitation)	١	Early	> c	0.118	C	0	0	0						0.0					0000	0.004		ا						. ~	5					0			٠,	- 1	0.081	- 1	, ,	_
Rehab	ای	e le	- c	0.810	c	0	0	0			ŭ	0	0	0.02	0	0	0	0	0.028	0.648	0.035	250	ť	0000	0.07	76.10%	0.00	0.033	94.3%		ဗ္ဗ			0.5					2000			3
before	Z Rai	Early.	5 C	1.203	0.770	0	0.249	0			n m3/se	0	O	0.041	0	0	0.00	0	0.043	0.995										_	m m3/s	0			Ö		9		0.870			
ciency		9	5 C	0.934					-		ment i	0	0	0.032	0	0.000			0.036	0.839	0.032	7,0	3	0.01	100	200	000	0.030	93.8%	00 hs	ement	0	0	0.645	0.019	0.026	0.086	ا٥	21.0	0.707		2
nce Effi	7≒ L	뒭	٥ د	-							Require	ŀ	0	27	0	0.001			0.028	0.652						•	•		J.	er I.(Requir	0	0	0.477	0.016	0.057	0.088	0	0.638	0.00		
nveya	-1	<u>.</u>	0 0	7					١.		Water]	0	٥	0.018 0.024 0.032	0	0000			0.021	0.483	0.018	18 1	101	2,000	į '		5000	0.014	77.6%	tern r	Water	0	0						0.475	100	;	
ith a Co	ᆔ		D C	O						. !	% Diversion Water Requirement in m3/sec	0	o			0000			0.015 0	0.347 0	1			_	,		_		, F.	Pat	% Diversion Water Requirement in m3/sec	0			0.008			- 1	0.351 (- 1		
(W)		20% 123			0.278	0	03				80 D	180	Re			2.1%				1	╁	ű	3	١	1 5	रु ४	<u>ئ</u> ڊ	3 5	88	niogo	% Q	63.3%						- 1		٠,	<u> </u>	2
		រា								됞	_	56.7%					,		195%	it sec. h	(m3/sec)	1 000 m3	3	majer	3/600		m3/5pr	m3/ser		C	2	ſ						- 1	19 	UUSEC/DA		multion m3
	sec/ha)	ciency	paddy.	Sec.						utud	43 ha	28.7 ha	143 hz	34.4 ha	0 ha	0.9 ha	5.6 ha	O ha	83.9 ha	ent in 1	15			a	•					Pres	1.000 ha	633 ha	317 ha	690 ha	30 ha	100 ha	130 ha	85 Ed	1,950 ha			
	ent (dit)	174 BZ	2/3 of total paddy	E COLET	(Bean/Dea)					AB-12 Kutudhal		43ha								Average diversion requirement in lit/sec/ha	uireme			Vallable Discharge Mean Discharge (1963-1986)	}		9	in in		Average Present Cropping Pattern per 1.000 ha		950ha								Average diversion requirement in husborna	אומוחווא פאכופצב וכאחובוואיי	<u>_</u>
	quirem	nveya	23.5	7.7	G.	3					Area:								io for	Sion re	bar ad	nomon	would be Despoin	narge 2007	4.		ong Deliable Discharae	No.				0,							ec for	TSION I	1 2 1 C	Monthly requirement
•	sion Re	ME	é	Ĩ	111	<u>)</u> ~	مار			нете:	gation		٦.)	ĵ	(1)	֓֞֞֜֜֞֜֜֞֜֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֟֜֟֓֓֓֓֟֜֟֓֓֓֟֜֟֓֓֓֟֜֟֓֓֓֜֟֜֜֜֟֜֜	ı yı		3 m3/se	e diver	yaver	*******	is ichi	le Lusc	1000	Datio	oliopia Pistia	Definit	Ratio	ieme	Net Impation Area	,	E		že (L)	핃	S		Total in m3/sec for	Se dive	17 47	ıly reqi
	Unit Diversion Requirement (lit/sec/ha)	Crops with Conveyance Efficiency	Paddy	radiny (L.) Wheat	Technol (I)	Minstard	Potatoes	Maize		Name of Scheme:	Net Irrigation Area	Paddiv	Pader (1.)	Wheat	Leonne (7.)	Mustard	Potatoes	Maize	Total in m3/sec for	Average	Monthly average requirement	Afranthi	WICHIEL Mariana	Avaulable Discharge Mean Discharge (19	, C	<u> </u>	4 200	ና ፫ ያ	S CZ	Name of Scheme	Net 17	Paddiv	Paddy (L)	Wheat	Legume (L)	Mustard	Potatoes	Maize	Total	A vera	NOW.	Mont
				, r	-	- ×		, <i>ç</i> e,	_	N. Em	U1	15							12					-τ. · · ·						2												

Irrigation Requirement for Cropping Pattern Proposed In Kotkhu Water Supply Project (Zone - A) Table 3-10

	u(w)	(With a Conveyance Efficiency before Kehabilitation)	ance Elf	crency	sefore Ke	habilitat	(on)		-				•			-		ľ		,		,)	
Unit Diversion Requirement (Invsectina)	en (nvsec/na)	- 1	Jan.		- T	_	ja.	ظا	-+	à.	+	٩l	= !	┪	띩.	+	믌.	2	Ç	กเ	-	٩) ا	Max.	Kemarks
with Com	ce Efficiency =	60% Ea	Early Late	e Early	y Late	Early	Late	Early L	ate Early	ly Late	_	니					_	Early	Late	_	Late Early	rly Late		
Paddy 2/3 o	2/3 of total paddy		0	0	0	0 0	0	0	0	0	0.194	4 1339	1.742 0	0.275 0.	0.563 1.001		13 1326	1 145	0.724	0.137	0	0		
Paddy (L) 1/3 o	1/3 of total paddy		0	0	0	0 0	0	0	0	0			0.174 2.	2.571 0.6	0.612 1.001		13 1.368	1.428	1.793	1.117 0	0.221	0	0 2.571	
Wheat	1	0	0.266 0.526	26 0.764	1.013	3 1.264	0.766	0.102	0	0			0	0	0	0				0		0.062 0.166	6 1.264	
Legume (L) (Bean	(Bean/Pea)	Ö	0.182 0.340	40 0.610	0.087	7 0.285	0	0	0	0			0	0	0	0				0		0.058 0.154	4 0.687	
		0	0.360 0.495			0 9	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0			
Potatoes		Ö				3 0.264		0	0	0			0	0	0	0				0		0.064 0.170		
Maize								٥	٥	0			0	0	0	0	0.0			0	- [0 0.036	
	;	1						, ,		,									ı					
Name of Scheme: AL-	AL-10 Kotkhu	Ŧ,	or Assur	ged C	opping	(For Assumed Cropping Pattern by the Kotkhu	by the		Water Supply Project)	upply 1	Toject)													
Net Irrigation Area:	246 ha	% Div	ersion W	ater Rec	uiremen	% Diversion Water Requirement in m3/sec	ပ္မ												1					
Paddy 24	246ha 164 ha	66.7%	0	0	0	0	0	0	0	0	0 0.032	2 0.220	0.286	0.045 0.0	092 0.164	ľ	33 0,217	ı	0.119	0.023	0	0	0 0.286	_
()	82 ha		0					0	0	0	0		0.014 0	0.211 0.0	0.050 0.082	82 0.067		0.117		0.092	0.018	0	0 0.211	
Wheat	233.7 ha	95.0% 0.0	0.062 0.123	23 0.179	79 0.237	7 0.295	0.179	0.024	0	0			0	0	0	0				0		0.015 0.039	9 0.295	16
Beans (Vegetables)			0.002 0.004				0	0	0	0			0	0	0	0				0				~^
Mistard	O ha							0	c	0			O	C	0	0				0				_
Potatoes	o ha	•	· C				C	0	· C	0		0	0	0	0	. 0		0	-	0	0	0	. 0	
Maize	- C	,	· C	· c		0		c	c	c			C	0	0	0				0	0	0		_
Total in m3/sec for	}	200% 0.0	0.064 0.127	27 0.186	0.24	0.29	0.179	0.024	0	0	0.0	0.22	0300	i	0.142 0.246	46 0.200	033	0.3	0.26	0.114	0.018 0.	0.015 0.041	0.33	JÓ
Average diversion requirement in lit/sec/ha	quirement in lit/s	+	0.261 0.517	757.0 71	766.0 75	7 1.215	0.728	0.097	0	0	0 0.130	0.893	1.219	0.040	579 1.001	01 0.81	13 1340	1.239	1.080	0.464	0.074 0.	0.062 0.165	55 1.340	10
Monthly average requirement	nirement (II	╁	,	8	0.216	1	1	0	12		0	0.126		0.278	24.0	2	0.265	IV.	0.285		0.066	0.028	28 0.285	165
Monthly requirement		1,000 m3	259.1	 - ;;	516.7	7	634.8		30.9		0	326		742.5	525.0	5.0	686.4	*+	762.5		171.4	76	76.0 4,731	in total
Available Discharge															'									
Mean Discharge (1963-1986)		m3/sec	0.155	55	0.113	ec	0.099	Ö	127	0.167	67	0.429		1.273	1.929	କ୍ଷ	 1 .8	_	0.602	_	0.338	0.236	Q	
Deficit		m3/sec			0.103	æ	0.140		•		1	•				,			•		1			
Ratio		ક્ટ		•	47.7%	Q4	58.7%		1		•	•		1		1			•					
80% Reliable Discharge		m3/sec	0.105	95	0.070	0	0.061	Ö	86	0.093	.	0.141	J	0.832	4.1	804	1.129	Δ.	0.452		0.269	0.176	92	
Deficit		m3/sec			0.146	9	0.178					•							•		•			
Ratio		₽ģ.			67.5%	લેક	74.5%		ı			•							•		1			
Oth V Committee Committee	A vocante Dresset Crossing Boffers nor 1 000 ho	Commin	g Poffo	100	900	9																		
	1 000 hs	4 1.0	Version V	Jafor Res	Tiremer	Gilbiversion Water Remirement in m3/sec	رو																÷	
Paddy	1	63.3%	c	c	c	C	c	c	c	c	0 0.12	23 0 848	1.103	0.174 0	0356 0.634	1	0.515 0.840	0.725	0.459	0.087	c	0	0 1.103	
Paddy (L.)		31.7%	0	. 0				0	0	0			0.055							0.354	0.070	0		. \
Wheat			0.183 0.363	63 0.527	27 0.699	8.0	0.52	0.070	0	0	0		0								0	0.043 0.114		- 74
Legume (L.)								0	0	0	0	0	0	٥	0	0	0	0	0 0	0				<u> </u>
Mustard								0	0	0	0			0	0	0				0		0.012 0.021	21 0.065	w
Potatoes	130 ha			0.061 0.097	77 0.094	40.034		0	0	0	0			0	0	0				0	0	0.008 0.022	760.0 52	_
Maize	50 ha	5.0%	0	0		0 0		0	0	0	0			0	0	0	0 0.002			0	0	0	0 0.002	7
Total in m3/sec for	1,950 ha	195% 0	0.260 0.4	0.484 0.708	38 0.843	3 0.915	0.529	0.070	0	0	0 0.123	23 0.848	1.158	0.988 0.	0.550 0.951	l	0.773 1.275	5 1.17	1.026	0.441	0.070	0.065 0.162	52 1.275	<u>NI</u>
Average diversion requirement in lit/sec/ha	quirement in lit/s	╁┈	0.260 0.4	0.484 0.708	38 0.843	3 0.915	0.529	0.070	0	0	0 0.123	23 0.848	1.158	0.988 0.	0.550 0.951	51 0.773	73 1.275	5 1.17	7 1.026	0.441	0.070	0.065 0.162	52 1.275	ĮV.
Monthly average requirement	uirement (n	(m3/sec)	0.372	72	0.776	9	0.722	0	.085		0	0.486		1.073	0,751	51	1.024	₩	1.102		0.255	0.113	3 1.102	[A]
Monthly requirement		million m3	1.	1.01	1.86	مِر	1.92		0.09		0	1.26		2.87	2	2.03	2.65	IV.	2.94		99.0	0.31		17.60 in total

Table 4-1 (1/2) Rehabilitaion Plan for Intake

		AK-4	AK-5-1	AK-5-2	AK-5-3	AK-5-4	AK-7	AK-7	AK-14	AK-25
		Bishwambhara	Boshan-No.2	Boshan-No.3	Boshan No.4	Boshan No.5	Dhakshinkari	Daksinkali	Indrayani	Shali Nadi
							(Upper)	(Lower)		
Rehabilitation Plan		Minor	Replacement	Replacement	Replacement	Replacement	Replacement	No rehabilitation	Replacement	Replacement
		Improvement	with new one	with new one	with new one with new one	with new one	with new one		with new one	with new one
Project Area	ha.	135	£.	35	42	83	26	74	268	257
Net Irrigation Area	ha.	92	21	21	26	54	18	49	101	157
Water Source		Gadedi Khola	Boshan Khola	Boshan Khola Boshan Khola Boshan Khola	Boshan Khola	Boshan Khola	Kharpa Khola	Kharpa Khola	Ghatte Khola	Shali Nadi
Design flood discharge (1/50) m3/s	m3/s	. 39	4	4	4	44	28	58	36	99
Design intake discharge	lit/s	85.9	19.4	19.8	24.3	50.8	16.8	46.1	95.1	149.8
Design Crest EL	E		1,365.7	1,345.8	1,342.0	1,324.7	1,475.0		1,425.4	1,408.2
Design Crest Length	Ħ		19	10	∞	7	12		4	16

Table 4-1 (2/2) Rehabilitaion Plan for Intake

		AB-2	AB-10	AB-12	AB-14	AL-10	AL-13	AL-19	AL-19	AL-20
		Bidol	Katunje	Kutudhal	Mahadev Khola	Kotkhu	Lubhu	Thika Bhairaw I	Thika Bhairaw I	Thika Bhairaw I Thika Bhairaw I Thika Bhairaw II
								No.1	No.2	
Rehabilitation Plan		Replacement	Replacement	Replacement	Improvement Improvement	Improvement	Replacement	Replacement	Improvement	Replacement
de recent de la constant de la const		with new one	with new one	with new one			with new one	with new one		with new one
Project Area	ha.	659	54	83	180	466	220	.	892	153
Net Irrigation Area	ha.	32	40	43	112	246	130	1	497	88
Water Source		Tholo Khola	Ghatte Khola	Ghatte Khola	Ghatte Khola Mahadev Khola	Kotkhu Kola	Sineri Khola	Naldu Khola	Lele Khola	Nakhu Khola
Design flood discharge (1/50) m3/s	m3/s	28	21	94	32	8	36	153		175
Design intake discharge	lit/s	29.7	39.8	40.2	110.4	242.4	127.9	150.0	484.8	6.98
Design Crest EL	E	1,354.1	1,342.2	1,358.1	l	ļ	1,411.6	1,489.9	ļ	1,372.2
Design Crest Length	Ħ	9	5.5	14	1	1	20	72	1	31

Table 4-2 Rehabilit

Rehabilitation Plan of Canal Structures

		477.4	5 A V	Δ.Υ7	AK-14	AK-25	Sub-total	AB-2	AB-10	AB-12	AB-14	Sub-total	AL-10	AL-13	AL-19	AL-20	Sub-total	
Ifem		Bishmambhara		Dhakshinkari	Indrayani	Zad.	Kathmandu	Bidol	Katunje	Kutudhal	Mahadev	Bhaktapur	Kotkhu	Lubhu	Thika	Thika	Lalitpur	TOTAL
	Type	tinit			•		District		,		Khola	District			Bhairaw I	Bhairaw-II	District	
D. C. C. C. C. C. C. C. C. C. C. C. C. C.		106	110	77	127	146	563	99	4	69	133	276	300	165	622	88	1,175	2.014
rieid Diversion Dux		ON Y					3	2	:		•		C			,	,	ŗ
Aqueduct		поѕ 10	0	0	0	7	12	5	5	7		7	٥	Ο	0	ń	C	11
Catch Drain		nos 2		0	Ö	p-d	3	2		2	0	. 32	0	I	2	7	5	15
Diversion	total	nos	1 3	2	4	П	11	0	0	0	7	7	9	5	16	İ	2	47
	Type-1	O	0	2	2	0	9	0	0	0	3	3	2	2	2	2	8	17
1	 			0	2	1	5	0	0	0	4	4	3	3	8	0	14	23
	 		0 0	0	0	0	0	0	0	0	0	0	. 1	0	9	0	7	7
	 													1	1			•
Drainage Crossing		nos	0	0	0	3	4	1	2	0	T	4		0	5	0	9	14
200		· .			C		C.	O		2	7	10	m	0	15	, 4	19	32
dara																		
Escane	total	Sou	6		2	5	19	1	1	2		5	1	-	2	2	9	30
	+				0	3	13	1		2	0	4	0	0	0			18
1					2	2	9	0	0	0	-1	1	0	1	0	-	2	6
.1_53	Type-3						0	0	0	0	0	0	1	0	2	0		3
					9	00	101	-		7.	35	7	46	30	×2	77	100	303
Field Diversion	total		20 20				7.5	11 (*	4	101	1	202						
	Type-1	nos					46	8	7	4	34	53					52	151
								· · · · ·	((;						
Road Crossing	total	30n	7	2 3	00	11	26				9	4						
	Type-1	nos	0	2 0	-	2	5	0	0		2	3	12					
	Type-2	nos	2	0 3		6	21		3	0	7	11		5	14	I		
	Type-3	nos	0	0 0	0	0	0	0	0	0	0	0	2	0	01	0	12	12
								<u> </u>			*	4	-			<u> </u>	0,0	77
Road crossing		nos	20	2	7	0	T	>	2	-	4	c			CT			
of tertiary canal																		

Table 6-1 Labour' rate of Bhaktapur District

unit: (Rs.)

	Description	[Trained]	[Skilled]	[Untrained]
1	Labour	120	115	75
2	Mason	125	120	
3	Carpenter	120	115	
4	Black Smith	125	120	
5	Plumber	120	115	
6	Electrician	120	115	
7	Auto electrician	105	100	
8	Mechanics	95		
9	Auto mechanics	120	115	
10	Drive cum junior mechanics	105	100	
11	Truck driver	100		
12	Truck driver cum Mechanics	105		
13	Heavy equipment operator	105		
14	Roller operator	105		
15	Timber sawyer		100	
16	Caving of wood & stone	120	115	
17	Black smith	125	120	
18	Wire binder		115	
19	Overseer		80	
20	Draftsman		80	

Table 6-2 Unit Price of Construction Materials (Kathmandu Valley)

No.Ma	terials Sp	ecifications		Com	ponent	Uni	t Price (Rs.)	
				L.C	F.C.	L.C.	F.C.	Total
1	Cement	50kg		80%	20%	180	45	225
2	Boulder		m3	100%	0%	519	0	519
3	Aggregates	20mm	m3	100%	0%	1,038	0	1,038
4	Aggregates	10mm	m3	100%	0%	1,246	0	1,246
5	Sand	* .	m3	100%	0%	270	0	270
6	MS Bars		kg	40%	60%	16	24	40
7	Binding Wire		kg	40%	60%	12	17	29
8	Wood		m3	100%	0%	1,250	0	1,250
9	Steel		kg	40%	60%	12	17	29
10	Steel for form		m2	40%	60%	2,280	3,419	5,699
11	Steel for gate	(300Rs,/kg)	m2	40%	60%	47,160	70,740	117,900
12	Fuel (Diesel)		lit.	0%	100%	0	12	12
13	Fuel (Petrol)		lit.	0%	100%	. 0	29	29_

Table 6-3 Summary of Construction Cost

78. ·

(Unit: 1,000NRs)

		Intake			Canal		Cana	l Structi	ıres	r	FOTAL	
Scheme	L.C.	F.C.	total	L.C.	F.C.	total	L.C.	F.C.	total	L.C.	F.C.	total
Bishmambhara	116	173	289	7,379	5,199	12,578	1,303	1,094	2,397	8,798	6,466	15,264
Boshan	1,113	867	1,980	8,252	5,867	14,119	983	938	1,921	10,348	7,672	18,020
Daksinkali	399	313	712	6,868	5,027	11,895	759	705	1,464	8,026	6,045	14,071
Indrayani	462	404	866	6,766	4,568	11,334	1,059	1,052	2,111	8,287	6,024	14,311
Shali Nadi	1,335	930	2,265	10,989	7,345	18,334	1,193	1,053	2,246	13,517	9,328	22,845
Bidol	201	172	373	3,104	2,369	5,473	3,553	349	3,902	6,858	2,890	9,748
Katunje	239	203	442	3,404	2,489	5,893	469	395	864	4,112	3,087	7,199
Kutudhal	316	242	558	4,541	3,243	7,784	787	620	1,407	5,644	4,105	9,749
Mahadev Khola	1,833	1,514	3,347	10,643	7,279	17,922	1,937	1,852	3,789	14,413	10,645	25,058
Kotkhu	674	612	1,286	20,575	13,937	,	2,251	2,187	4,438	23,500	16,736	40,236
Lubhu	1,538	1,063	2,601	11,729	7,931	19,660	1,349	1,343	2,692	14,616	10,337	24,953
Thika Bhairaw I	9,495			. 20.742.01.01	29,400	74,645	5,692	5,592	11,284	60,432	41,296	101,728
Thika Bhairaw II	4,459		7,184		7,176		1,171	1,006	2,177	15,422	10,907	26,329
Total	22,180		37,702	149,287	101,830	251,117	22,506	18,186	40,692	193,973	135,538	329,511

Table 6-4 (1/2) Rehabilitation / Construction Cost of Intake Facilities

						ΛK-4	Bishwambha	та		AK-5-1	Boshan-No.2	!		AK-5-2	Boshan-No.3		unit: NR
Liem				Unit Pri	ce		Improveme			<replac< th=""><th>ement with</th><th>new one></th><th></th><th><repla< th=""><th>cement with</th><th>new one></th><th></th></repla<></th></replac<>	ement with	new one>		<repla< th=""><th>cement with</th><th>new one></th><th></th></repla<>	cement with	new one>	
			L.C.	F.C.	Total	Quantity	L,C,	F.C.	Total	Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total
			(Rs.)	(Rs.)	(Rs.)		(Rs.)	(Rs.)	(Rs.)		(Rs.)	(Rs.)	(Rs.)	(Rs.)	. (Rs.)	(Rs.)	(8
Excavation	soils	m3	60	0	60	0.0	0	0	0	31.4	1,884	. 0	1,884	23.9	1,434	0	1,4
Excavation	rocks	m3	225	0	225	0,0	0	0	0	73.4	16,515	0	16,515	55.7	12,533	ó	12,5
Earth Filling	soils	m3	60	0	60	0,0	0	0	0	16.9	1,014	0	1,014	16.9	1,014	0	1,0
D molishing		m3	116	0	116	0.0	0	0	0	23,4	2,720	0	2,720	10,8	1,256	0	1,2
Stone Masonry		m3	711	8	719	0,0	0	0	0	0.0	0	0	0	0,0	0	0	
Mass Concrete	1:3:6	m3	1,636	11	1,647	0,0	0	0	0	6,5	10,634	72	10,706	3,4	5,562	37	5,60
Cement Mortal	1:6	m3	525	11	536	0.0	0	0	0	9.0	4,725	99	4,824	5,0	2,625	55	2,6
Gablon		m3	966	818	1,784	0.0	0	. 0	0	15.0	14,490	12,270	26,760	11,3	10,916	9,243	20,1
Reinforced concret	c 1:2:4	m3	2,665	326	2,991	0,0	0	0	0	50,6	134,849	16,496	151,345	30.5	81,283	9,943	91,2
Reinforcement		ı	14,318	20,130	34,448	0,00	0	0	0	4.05	57,988	81,527	139,514	2,44	34,936	49,117	84,0:
Metal Formes	simple form	m2	259	342	601	0,0	. 0	0	0	192,9	50,038	65,972	116,010	114.6	29,727	39,193	68,97
Steel		kg	12	17	29	0.0	0	0	0	0.0	0	0	0	0,0	0	0	
Steel for gate		<u>m2</u>	47,160	70,740	117,900	2,13	100,451	150,676	251,127	0,95	44,802	67,203	112,005	0.95	44,802	67,203	112,0
Sub-total							100,451	150,676	251,127		339,659	243,637	583,297		226,087	174,792	400,8
Tempolary Work	15%						1.5,068	22,601	37,669		50,949	36,546	87,495		33,913	26,219	60,1
												··					
TOTAL			1		ŀ		115,518	173,278	288,796		390,608	280,183	670,791		260,000	201,011	461,6

						AK-5-3	Boshan No.4			AK-5-4	Boshan No.5	j		AK-7	Dhakshinkar	i (Upper)	
Item				Unit Pric	e.	<replac< th=""><th>ement with</th><th>new one></th><th></th><th><replac< th=""><th>ement with</th><th>new one></th><th></th><th><repla< th=""><th>cement with</th><th>new ane></th><th></th></repla<></th></replac<></th></replac<>	ement with	new one>		<replac< th=""><th>ement with</th><th>new one></th><th></th><th><repla< th=""><th>cement with</th><th>new ane></th><th></th></repla<></th></replac<>	ement with	new one>		<repla< th=""><th>cement with</th><th>new ane></th><th></th></repla<>	cement with	new ane>	
		[L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total	Quantity	L,C,	F.C.	Total	Quantity	t.C.	F.C.	Total
			(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Ri.
Excavation	soils	m3	60	0	60	22.2	1,332	0	1,332	21.4	1,284	0	1,284	25,6	1,536	0	1,536
Excavation	rocks	m3	225	0	225	51.8	11,655	0	11,655	49.8	11,205	0	11,205	59.6	13,410	0	13,410
Earth Filling	soils	m3	60	0	60	16.9	1,014	0	1,014	16.9	1,014	0	1,014	16.9	1,014	0	1,014
Dmolishing		т3	116	0	116	4,6	535	0	535	3.8	442	0	442	4.5	523	0	52
Stone Masenry		m3	711	8	719	0,0	0	0	0	0.0	0	0	0	0.0	0	0	(
Mass Concrete	1:3:6	m3	1,636	11	1,647	2,7	4,417	30	4,447	2.4	3,926	26	3,953	4.1	6,708	45	6,753
Cement Mortal	1:6	m3	525	11	536	4,1	2,153	. 45	2,198	3.6	1,890	40	1,930	5,9	3,098	65	3,162
Gabion		m3	966	818	1,784	7.5	7,245	6,135	13,380	7.5	7,245	6,135	13,380	112.5	108,675	92,025	200,700
Reinforced concret	te 1:2:4	m3	2,665	326	2,991	26.0	69,290	8,476	77,766	23.8	63,427	7,759	71,186	34,9	93,009	11,377	104,386
Reinforcement		ı	14,318	20,130	34,448	2.08	29,781	41,870	71,652	1,90	27,204	38,247	65,451	2.79	39,947	56,163	96,110
Metal Formes	simple form	m2	259	342	601	97.2	25,214	33,242	58,456	88,5	22,957	30,267	53,224	132.0	34,241	45,144	79,38
Steel		kg	12	17	29	0.0	0	0	0	0.0	0	0	0	0,0	0	0	
Steel for gate		m2	47,160	70,740	117,900	0,95	44,802	67,203	112,005	1.35	63,666	95,499	159,165	0,95	44,802	67,203	112,00
Sub-total							197,438	157,002	354,439		204,260	177,973	382,233		346,962	272,022	618,98
Tempolary Work	15%						29,616	23,550	53,166		30,639	26,696	57,335		52,044	40,803	92,84
· 		_		ļ	ļ								·— — — · · · ·				<u> </u>
TOTAL						}	227,053	180,552	407,605		234,899	204,669	439,568		399,006	312,825	711,83

						AK-14	Indray ani			Indraya	ni-sub Intake			AK-25	Shali Nadi		
Item				Unit Pric	e	<replac< th=""><th>ement with</th><th>new one></th><th></th><th><replac< th=""><th>cement with</th><th>new one></th><th></th><th><repla< th=""><th>cement with</th><th>new one></th><th></th></repla<></th></replac<></th></replac<>	ement with	new one>		<replac< th=""><th>cement with</th><th>new one></th><th></th><th><repla< th=""><th>cement with</th><th>new one></th><th></th></repla<></th></replac<>	cement with	new one>		<repla< th=""><th>cement with</th><th>new one></th><th></th></repla<>	cement with	new one>	
			L.C.	F.C,	Total	Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total	Quantit	L.C.	F.C.	Total
			(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.	(Rs.)	(Rs.)	(Rs
Excavation	soils	m3	60	0	60	18.8	1,128	0	1,128	19,7	1,182	0	1,182	124,2	7,452	0	7,45
Excavation	rocks	ın3	225	0	225	44.0	9,900	0	9,900	45.9	10,328	0	10,328	289.8	65,205	0	65,20
Earth Filling	soils	m3	60	0	60	16.9	1,014	0	1,014	16,9	1,014	0	1,014	66,9	4,014	0	4,01
Dmolishing		m3	116	0	116	17.8	2,069	0	2,069	0,0	0	0	0	84,0	9,765	0	9,76
Stone Masonry		m3	711	8	719	0.0	0	0	. 0	0,0	0	0	0	0.0	0	0	
Mass Concrete	1:3:6	m3	1,636	11	1,647	1.4	2,290	15	2,306	1.7	2,781	19	2,800	12.0	19,632	132	
Cement Mortal	1:6	m3	525	11	536	2.3	1,208	25	1,233	2.7	1,418	30	1,447	8.9	4,673	98	ALL THE COLUMN TO SERVE
Gabion		m3	966	818	1,784	80.0	77,280	65,440	142,720	8,3	8,018	6,789	14,807	165,0	159,390	134,970	294,36
Reinforced concre	c 1:2:4	m3	2,665	326	2,991	17.1	45,572	5,575	51,146	19.3	51,435	6,292	57,726	172.0	458,380	56,072	514,45
Reinforcement		t	14,318	20,130	34,448	1,37	19,616	27,578	47,194	1,54	22,050	31,000	53,050	13.76	197,016	276,989	474,00
Metal Formes	simple form	m2	259	342	601	62.4	15,187	21,341	37,527	71.1	18,443	24,316	42,760	262.7	68,144	89,843	157,98
Steel		kg	12	17	29	0.0	0	0	0	0,0	0	0	0	0,0	0	0	ļ,
Steel for gate		m2	47,160	70,740	117,900	1.35	63,666	95,499	159,165	0.95	44,802	67,203	112,005	3,54	166,946	250,420	417,36
^ \ \		····			p							174 7 40				808,524	1,969,14
Sub-total							239,929	215,473	455,402		161,470	135,649	297,119	ļ	1,160,617		
Tempolary Work	15%				~~~~~·		35,989	32,321	68,310		24,220	20,347	44,568		174,093	121,279	293,31
																	/
TOTAL	.						275,918	247,794	523,712		185,690	155,996	341,686		1,334,710	929,802	2,264,5

Table 6-4 (2/2) Rehabilitation / Construction Cost of Intake Facilities

(unit: NRs.)

						AB-2	Bidai			AB-10	Katunje			AB-12	Kutudhal		
	1	-		Unit Pric	e	<replac< th=""><th>ement with r</th><th>iew one></th><th></th><th><replac< th=""><th>ement with r</th><th>ew one></th><th></th><th><replac< th=""><th>ement with r</th><th>iew one></th><th></th></replac<></th></replac<></th></replac<>	ement with r	iew one>		<replac< th=""><th>ement with r</th><th>ew one></th><th></th><th><replac< th=""><th>ement with r</th><th>iew one></th><th></th></replac<></th></replac<>	ement with r	ew one>		<replac< th=""><th>ement with r</th><th>iew one></th><th></th></replac<>	ement with r	iew one>	
ltem		Ì	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total
		_	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)
	soils	m3	60	0	60	20.5	1,230	0	1,230	24.9	1,494	0	1,494	27.2	1,632	0	1,632
Excavation	30113	m3	225	0	225	47.9	10,778	0	10,778	58.1	13,073	0	13,073	63,6	14,310	0	14,310
Excavation	100.00	m3	60	0	60	16.9	1,014	0	1,014	16.9	1,014	o	1,014	16.9	1,014	0	1,014
Earth Filling	30110	m3	90	0	90		0	0	0		0	o	0		0	0	0
Earth Filling		m3	116		116	2,2	256	0	256	0.0	0	0	0	5,0	581	0	.581
Dmolishing		m3	711	8	719		0	0	0	0,0	0	0	0	0.0	0	G	0
Sione Masonry	1:3:6	m3	1,636	11	1,647		3,272	22	3,294	1.9	3,108	21	3,129	4.8	7,853	53	7,906
Mass Concrete		m3	525		536	•	1.680	35	1.715	2.9	1,523	32	1,554	6.8	3,570	75	3,645
Cement Mortal	1:6	m3	966	818			0	0	0	37.5	36,225	30,675	66,900	3.8	3,671	3,108	6,779
Gabion		m3	2,665	326			57,564	7,042	64,606	20.5	54,633	6,683	61,316	39.4	105,001	12,844	117,845
Reinforced concre	te 1; 2:4		14,318	20,130			24,770	34,825	59,595		23,482	33,013	56,495	3,15	45,102	63,410	108,511
Reinforcement		m2	259	342		79.8	20,700	27,292	47,992		19,559	25,787	45,346	149,4	38,754	51,095	89,849
Meial Formes	simple form		12	342			0			····	0	0		0,0	0	O	0
Steel		kg		/	117,900		53,291	79,936	133,227		53,291	79,936	133,227	1.13	53,291	79,936	133,227
Seel for gate		m2	47,160	10,140	111/200	1.13	1421	17,700	100,000								
	.,,,,,,,,,,,,						174,554	149,152	323,706	ļ	207,400	176,147	383,547		274,779	210,521	485,300
Sub-total								22,373	48,556		31,110	26,422	57,532		41,217	31,578	72,795
Tempolary Work	15%						26,183	22,313	DECION		31,110	20,722					
		ļ													245.005	0.40.000	een me
TOTAL			[:		1	l	200,737	171,524	372,26	I	238,510	202,569	441,079	7	315,996	242,099	558,095

						AB-14	Mahadev Kho	ola		AL-10	Kotkhu			AL-13	Lubhu		l
ltem		- 1		Unit Pric	c	<1mprav	ement>			mpro</th <th>vement></th> <th></th> <th></th> <th><replac< th=""><th>ement with</th><th>new ane></th><th></th></replac<></th>	vement>			<replac< th=""><th>ement with</th><th>new ane></th><th></th></replac<>	ement with	new ane>	
		ı	L.C.	P.C.	Total	Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total
			(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs,)
Excavation	soils	m3	60	0	60	83,7	5,022	0	5,022	45.7	2,742	0	2,742	144.0	8,640	0	8,640
Escavation	rocks	m3	225	0	225	195,2	43,920	0	43,920	106.7	24,008	0	24,008	336.0	75,600	0	75,600
Earth Filling	soils	m3	60	0	60	0.0	0	0	0	0.0	0	0	0	66.9	4,014	0	4,014
Earth Filling	gravel	m3	90	0	90		0	0	0		0	0	0		0	0	0
Dmolishing	gravet	m3	116	0	116	63.0	7,324	0	7,324	45,9	5,336	0	5,336	0.0	0	0	0
Stone Masonry		m3	711		719	1.9	1,351	1.5	1,366	0.0	0	0	0	0,0	0	0	0
Mass Concrete	1:3:6	m3	1,636		1,647		0	0	0		0	0	0	15.0	24,540	165	24,705
	1:6	m3	525	11	536	0.0	0	0	0	0,0	0	0	. 0	10.4	5,444	114	5,558
Cement Mortal	1,0	m3	966	818	1,784	78.0	75,348	63,804	139,152	127.0	122,682	103,886	226,568	240,0	231,840	196,320	428,160
Gabion	. 1-7-4	m3	2,665	326		250,0	666,250	81,500	747,750		152,971	18,712	171,683	195.8	521,807	63,831	585,638
Reinforced concret	E 1:2:4	1113	14,318	20,130		12.50	178,975	251,625	430,600		41,093	57,773	98,866	15,66	224,220	315,236	539,456
Reinforcement		m2	259	342	601	82.7	21,452	28,283	49,736		16,628	21,922	38,550	287,5	74,578	98,325	172,903
Metal Formes	simple form		239	392	29	0.0	21,772	0	0	321.2	3,854		9,315	0.0	0	0	0
Steel		kg	47 160	70,740		12,60	594,216	891,324	1,485,540		216,464		541,161	3,54	166,946	250,420	417,366
Steel for gate		m2	47,160	10,140	117,7/6/	12,00	334,410	11511721	317000								
0.1 4.1.1					ļ		1,593,858	1,316,552	2,910,410		585,777	532,451	1,118,228		1,337,629	924,410	2,262,039
Sub-total							239,079	197,483	436,561		87,867	79,868	167,734		200,644	138,662	339,306
Tempolary Work	15%				,		2.19,079	121,402			Jan. 1		, , , , , , , , , , , , , , , , , , ,				
											4		19 to 100/2 100 100 100 100 100 100 100 100 100 10				
TOTAL							1,832,937	1,514,034	3,346,971		673,644	612,318	1,285,962		1,538,273	1,063,072	2,601,345

						At. 19	Thika Bhaira	w [(No.1)		AL-19	Thika Bhalra	w I (No.2)		AL-20	Thika Bhaira	w II	
Item		- 1		Unit Pric	Α.		ement with :			<impro< th=""><th>yemeni></th><th></th><th></th><th><replac< th=""><th>ement with</th><th>new one></th><th></th></replac<></th></impro<>	yemeni>			<replac< th=""><th>ement with</th><th>new one></th><th></th></replac<>	ement with	new one>	
1 115111		ŀ	L.C.	F.C.		Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total	Quantity	L.C.	F.C.	Total
			(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)
Excavation	soils	m3	60	0	60	804.6	48,276	0	48,276	3.4	204	. 0	204	494.6	29,676	0	29,676
Excavation	rocks	m3	225	0	225	1.877.4	422,415	0	422,415	7.9	1,778	o	1,778	1,154.2	259,695	. 0	259,695
Earth Filling	soils	m3	60	0	60	264.0	15,840	0	15,840	0.0	o	0	0	264.0	15,840	0	15,840
Earth Filling	gravel	m3	90	0	90		0	0	. 0		0	0			0		0
Dmolishing	*****************	m3	116	0	116	0.0	0	0	0	141,6	16,461		16,461	0.0	0	0	0
Stone Masonry		m3	711	8	719	0.0	0	0	0	0.0	0	0	. 0	. 0.0	0	0	0
Mass Concrete	1:3:6	m3	1,636	11	1,647	144.0	235,584	1,584	237,168		0	0	0	62.0	101,432	682	102,114
Cement Mortal	l:6	m3	525	. 11	536	59.0	30,959	649	31,608	0,0	0	0	. 0	29,9	15,677	328	16,005
Gabion		m3	966	818	1,784	1,825.0	1,762,950	1,492,850	3,255,800	0,0	0	0		960,0	927,360	785,280	1,712,640
Reinforced concret	e 1:2:4	m3	2.665	326	2,991	1,026.6	2,735,889	334,672	3,070,561	177.0	471,705	57,702	529,407	575.6	1,533,974	187,646	1,721,620
Reinforcement		.,	14.318	20,130	34,448	82,13	1,175,937	1,653,277	2,829,214	8.85	126,714	178,151	304,865	46.05	659,344	926,987	1,586,330
Metal Formes	simple form	m2	259	342	601	1,103.1	286,144	377,260	663,404	55.0	14,267	18,810	33,077	701.3	181,917	239,845	421,762
Steel		kg	12	17	29	0,0	0	0	0	0,0	0	0	. 0	0,0	0	0	0
Suel for gate		m2	47,160	70,740	117,200	3.24	152,798	229,198	381,996	16.08	758,333	1,137,499	1,895,832	3.24	152,798	229,198	381,996
					***************************************						,			ļ			
Sub-total						-10,40,400,000	6,866,793	4,089,489	10,956,282		1,389,462	1,392,162	2,781,623	A-10.000	3,877,713	2,369,965	6,247,678
Tempolary Work	15%						1,030,019	613,423	1,643,442		208,419	208,824	417,243		581,657	355,495	937,152
		·	.,										.,		.,		
TOTAL							7,896,812	4,702,912	12,599,724		1,597,881	1,600,986	3,198,867		4,459,370	2,725,459	7,184,829

		T				AK-4				AK-5-1				(unit: 1,000NRs.)				
			Unit Price			Bishmambhara				Boshan No.2				1	Boshan NO,3			
			L.C.	F.C.	Total	Quantity	L.C.	F.C.		Quantity	L.C.	F.C. (Rs.)	Total (Rs.)	Quantity (Rs.)	L.C.	F.C.	Total	
Main Canal (Total		Total	(Rs.)	(Rs.)	(Rs.)	(Rs.) 4,350	(Rs.) 5,140,111	(Rs.) 4,141,398	(Rs.) 9,281,509	(Rs.) 1,300	(Rs.) 1,375,807	1,058,980	2,434,787	1 -		(Rs.) 936,790	(Ru	
Main Canar (10tar	Type-i	m				0	0	0	0	0	0	0	0	0	0	0 0	2,126,237	
	Type-2	m		***		1,150	1,118,663	936,790	2,055,453	1,300	1,375,807	1,058,980	2,434,787	1,150	1	936,790	2,126,217	
	Type-3	_ <u>m_</u>	····-			3,200	4,021,448	3,204,608	7,226,056	0	0	0	0		0	0		
	Type-4 Type-5	m m				0	4,021,440	0	0	0		0	0		····	0		
	Турс-6	п				0	0	0	0	0	. 0	0	. 0	0	0	0		
	Type-7	m_	***	***		0	0	0	0	0	. 0	0	0		0	0	0	
	Турс-8	m							4 4 6 2 2 2 2 2 2			806.060	·	1	<u>-</u>	<u>V</u>	0	
(Replacement)	Type-i	Total	942	720	1,662	1,800	2,359,746 0	1,802,592	4,162,338	ļ	1,181,257	896,060	2,077,317 0	1	751,709	570,220	1,321,929	
***************************************	Type-2	m	1,074	815	1,888	0	0	0	0	1,100	1,181,257	896,060	2,077,317	700	751,709	570,220	1,321,929	
	Турс-3	m	1,180	906	2,086		0	0	0		0	0	0		0	0		
	Type-4 Type-5	m	1,311	1,001 1,345	2,312 3,303	1,800	2,359,746 0	1,802,592	4,162,338		0	 	0	122	0	0		
	Турс-б		2,249	1,555	3,804		0	0	0		0		0	· · · · · · · · · · · · · · · · · · ·	0	0		
	Турс-7	m	2,587	1,789	4,375		0	0	0		0		0		0	0	- 0	
ļ 	Турс-8	i	2,739	1,904	4,643		0	0	<u> </u>	İ	0	-			0	0		
(Improvement)	Tues 1	Total	852	720	1,572	2,550	2,780,365 0	2,338,806 0	5,119,171	ļ	194,550 0		357,470 0		437,738	366,570	804,308	
I	Type-1 Type-2	m m	973	815	1,372	1,150	1,118,663	936,790	2,055,453	200	*************		357,470		-	366,570	804,308	
	Турс-3	m	1,067	906	1,973		0	0	0		0	0	()		0	0	0	
<u> </u>	Type-4	m m	1,187	1,001	2,188 3,088	1,400	1,661,702	1,402,016 0	3,063,718		0	1		1-10.14.	0	0		
<u></u>	Type-5 Type-6	m ni	2,001	1,555	3,556		0	0	0		0				0	0		
	Type-7	m	2,304	1,789	4,093		0	0	0		0			T	0	0		
	Type-8	m	2,440	1,904	4,344		0	0	0	<u></u>	0	1			0	0		
Branch Canal	Type-I	Total m	852	720	1,572	460	447,465	374,716 0	822,181 0	0	0	· · · · · · · · · · · · · · · · · · ·	-		364,781	305,475	670,256	
	Type-2		973	815	1,787	460	447,465	374,716	822,181		0	t				305,475	670,256	
	Type-3	m	1,067	906	1,973		0	. 0	0	**************************************	0	†···		1	0			
	Турс-4	т	1,187	1,001	2,188		0	0	<u>0</u>		0	-	4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	0	···		
Main Farm Ditch		m	188		189	4,411	829,268	4,411	833,679	630	118,440	630	119,070	620	116,560	620	117,180	
Escape		Total				6	19,128	16,018	35,146	1			4,867	1	2,620		4,861	
	Type-1 Type-2	nos	2,620 4,324	2,247 3,514	4,867 7,838	2	10,480 8,648	8,989 7,028	19,470 15,676	1	***************************************	t	4,867 0	1	2,620		4,867	
	Type-3		7,305	5,614	12,919	0	0	0	0	1		 			0	0	(
Drainage Crossing	<u> </u>	nos	15,382	12,235	27,616	,	15,382	12,235	27,616	0	0	0	0	0	0	0		
Catch Drain		nos	17,299	11,620	28,919	2	34,598	23,240	57,838	0	0	0	. 0	2	34,598	23,240	57,835	
Road Crossing		Total				2	23,316	15,797	39,113	0	0	0	0	0	0	0		
	Type-I		4,068	3,351	7,419		0	0	0	0			The second second second		0			
	Type 2 Type 3		8,746 23,518	7,046 17,370	·	2 0	17,493	14,091	31,584						0			
Road crossing in (поз	728	213			5,824	1,706		1			,					
Aqueduct	٠	Total				10	213,815	141,000	354,815	0	0	0	0	0	0	0		
ļ	3m	nos	15,273	10,071		9	137,453	90,643	228,096	0				·	0			
	5m 10m	nos nos	30,545 76,363	20,143 50,357	50,688 126,720		76,363	50,357	126,720	0	0		0		0			
	15m	поя	152,725	100,714	253,440	<u> </u>	.0	0			0	·		1	0	0		
<u> </u>	20то	лоѕ	229,088	151,072	380,159	 	0	0	c		0	0	C	·	0		<u>'</u>	
Field Diversion		Total		245	10.	20	260,501	211,235				1			— · · · · ·		32,25 2,88	
	normal th shoot		216 16,227	265 13,136		16	865 259,636	1,061	1,926 469,810		1,081				1,297	1,591		
Diversion		Total					50,933	76,399	127,332	1		1	C		35,370		88,42	
***************************************	Турс-1	nos	35,370	53,055	88,425	0	0	10,522	1		·				35,370			
	Турс-2		50,933	76,399			50,933	76,399	 									
	Type-3		80,172	120,258		[0	0				T	<u>C</u>	1	· · · · · · · · · · · · · · · · · · ·			
Drop	<u> </u>	20Л	11,792	7,757			23,584	15,513			i						101.0	
Field Diversion Bo	x	n-os	4,642	4,148	,		492,068	439,649						1	T		131,84	
Othres		nos	2,758,162	28,727	2,786,889		0	0	0		0	0	C	<u> </u>	0	0		
Canal Works			Sub-Total Tamparary Work 15%				6,416,844	4,520,525			1,494,247				1,670,788			
			Temporary Work 15% Total				962,527 7,379,371	678,079 5,198,604			224,137 1,718,384	T			250,618 1,921,406	T		
Canal Structure Works			Sub-Total				1,133,325	951,085	1	1	98,845			1	159,745	1		
A 77				ary Work			169,999	142,663			14,827	+		-1	23,962	23,323	47,28	
			<u> </u>	Total			1,303,324	1,093,748	2,397,072	<u> </u>	113,672	100,302	213,974	<u> </u>	183,707	178,807	362,5	
				rand TOT	AL	l	8,682,695	6,292,352	14,975,047		1,832,056	1,318,854	3,150,910	,	2,105,113	1,608,125	3,713,2	

(unit: 1,000NRs.) ΛK-5-4 AK-7 AK-5-3 Boshan No.5 Daksinkali (U) Unit Price Boshan NO.4 F.C Total F.C. F.C. Total Quantity Total Total L.C. F.C. Ougutity Duantit (Rs. (Rs Æs. (Rs. (Rs. (Rs. (Rs. (Rs (Rs. (Rs. (Rs. (Rs Rs. 410,223 1,900,708 1,507,010 3,407,718 1,850 .32 ,60X ,736,908 3,147,13 Main Canal (Total) 550,158 0 350 298,316 251,843 m Type-1 1,850 1,507,010 3,407,718 407,300 1.900.708 893,675 1,325 1,329,342 1,079,345 2 408 683 500 486,375 Type-2 m ••• Турс-3 751,080 1,703,298 952,218 750 Type-4 m 0 0 Type-5 m 0 0 ---Type-6 m 0 Type-7 ••• ... Type-8 m 1,073,870 1.888.470 655,485 500,720 1,156,205 814,600 429,548 325,840 Total (Replacement) 942 720 1,662 m Type-I 1,000 1,073,870 814,600 1,888,470 1,888 429,548 325,840 755,388 1,074 815 Турс-2 т 0 906 2,086 1,180 Турс-3 т 500 655,485 500,720 1,156,205 1,001 2,312 1,311 Type-4 1,345 a 3,303 Турс-5 т 1,958 0 1,555 Туре-6 т 2,249 3,804 0 4,375 0 2,587 1,789 Type-7 m Type-8 m 2,739 1,904 1,643 909,503 1,990,920 826,838 692,410 1,519,248 899,794 753,505 1,653,299 1,081,423 (Improvement Tota 251,843 550,158 852 **72**0 1,572 350 298,316 Type-1 m 893,675 692,410 1,519,248 850 826.838 973 815 1,787 899,794 753,505 1,653,299 500 486,375 407,300 Type-2 m 0 1,067 1,973 Type-3 m 906 296,733 250,360 547,093 1,001 2,188 250 Type-4 m 1,187 1,345 3,088 Ð 1,744 Type-5 m 0 3,556 Турс-6 т 2,001 1,555 0 1,789 4,093 0 2,304 Type-7 m 0 Type-8 m 2,440 1,904 4.34 42. 362,240 305,809 668,049 Branch Canal Tota 362,240 668,049 0 0 425 305,809 1.572 0 Type-I m 852 720 0 973 815 1,787 Type-2 m 0 906 1,973 1.067 Type-3 m Туре-4 п 1,187 1,001 2,188 2.010 379.890 610 114,680 610 115,290 2.010 377.880 189 204,920 1,090 206,010 Main Farm Ditch 188 m 2,620 2,247 4,867 2,620 2,247 4,867 2.247 4.867 2,620 Esçape 2,247 4,867 2,247 4,867 2,620 2,620 4,867 2,620 2,247 4,867 2,620 Type-l nos n 3,514 Type-2 nos 4,324 7.83 0 7,305 5,614 12,919 Type-3 nos Drainage Crossing 15,382 12,235 27,610 28,919 Catch Drain 17.299 11.620 nos 16,72 26,239 21,137 47,377 9,593 7,129 Road Crossing Tota 8,137 6,702 14,839 4,068 7,419 3,351 Type-1 nos 26,239 21,137 47,377 Type-2 nos 8,746 7,046 15,792 23,518 40,888 0 17,370 Type-3 nos 1,456 420 1,882 0 Road crossing in field 728 213 94 Aqueduct Tota 0 0 25,344 0 3m 15,273 10,07 nos 0 0 50,688 0 30,545 20,143 5m nos 0 0 126,720 0 76,363 50,357 10m nos 15m 152,725 100,714 253,44 nos 151,072 380,159 20m 229,088 nos 65,342 53,074 118,415 177.142 28,924 63,540 34,617 Field Diversion 97,796 79.346 432 530 963 2,162 530 963 2,652 4,814 normal nos 265 432 216 32,455 64,909 52,543 117,453 26,272 58,726 78,815 176,179 with shoot nos 16,227 13,136 29,363 97,364 86,303 129,45 215,75 Diversion 35,370 53,055 88,425 Type-I nos 35,370 53,055 88,425 0 50,933 76,399 127,332 76,399 127.332 50.933 Type-2 nos 80,172 120,258 200,430 0 Турс-3 nos 11,792 nos 7,75 19,54 149,426 78,917 70,510 Field Diversion Box 8,790 29 134,622 120,281 254,904 227,465 203,234 430,699 4,148 nos 4,642 Othres 2,786,889 nos 2,758,162 28,727 3,523,008 1,507,620 1,080,435 1,718,041 4,195,069 2,015,388 Canal Works 1,534,262 2,614,697 2,477,028 Sub-Total 528,45 302,308 226,143 371,554 257.700 629,266 230,139 162,065 392,204 Temporary Work 2,317,696 1,733,763 4,051,459 2,848,582 1,975,747 4,824,329 1,242,500 3,006,901 1.764,401 Total 320.084 731,585 173,118 146,968 Canal Structure Works 201,874 436,913 360,597 370,986 235,039 Sub-Total 48,013 109,738 25,968 22,045 54,090 55,648 15% 35,256 30,281 65,537 Temporary Work 368.099 426,636 841,323 199,086 169,013 270,295 232,155 502,450 414,687 Total 3,263,269 2,402,383 5,665,652 2,516,782 1,902,776 4,419,558 1,474,655 3,509,351 2.034.696 Grand TOTAL

						Ι			· ·	AK-14				AK-25		(unii	1,000NR ₃
				Unit Price		Daksink	ali (L)			Indraya				Shali N	adi		
			L.C.	F.C.	Total	Quantity		F.C.	Total	Quantity	L.C.	F.C.	Total	Quantit		F.C.	Total
			(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)		(Rs.)	(Rs.)		(Rs.)	Rs.	(Rs.)	(****)	1 (14)
Main Canal (Total		Total				3,000	3,135,212	2,535,590 n	5,670,802	2,425			************	6,615	8,306,188	6,380,256	14,686,44
	Type-1 Type-2	m m				2,000	1,955,612	1,629,200	3,584,812	625	***************************************			1,850	1,799,588	1,507,010	3,306,59
	Турс-3	m				1,000	1,179,600	906,390	2,085,990	600	639,912	543,834	1,183,746	3,500		·	
	Туре-4	m				0	0.	0		1,200			Contraction of Contract		0		
	Type-5	ល				0	0.					***************************************	/	1,265	2,476,946	1,700,881	4,177,82
	Type-6 Type-7	m m	***		***	0	0		0	1		 	0		0	0)
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Type-8	m m		•••		0	0	0	0	0			C	C	0	0	<u></u>
(Replacement)		Total					1,286,987	987,850	2,274,837		1,310,970	1,001,440	2,312,410		5,573,396	4,080,155	9,653,55
(перместем)	Type-I	m	942	720	1,662		0	0	0		0	1			0	0	7 2,033,33
	Турс-2	m	1,074	815	1,888	100	107,387	81,460	188,847	0		0	0	0	0	0	
	Турс-3	m	1,180	906		1,000		906,390	2,085,990	0	0			2,625	3,096,450	2,379,274	5,475,72
	Type-4	_ <u>m</u> _	1,311	1,001 1,345			0	0	0	1,000	1,310,970	1			2,476,946	1 200 991	
	Type-5 Type-6	cn cn	2,249	1,555			0	0	0		0			1,203	2,470,940	1,700,881	4,177,82
	Type-7	m	2,587	1,789			0	0	0		0	1	C		0	0	;
	Турс-8	m	2,739	l,904	4,643		0	0	0		0	0			0	0)
(Improvement)		Total				ļ	1,848,225	1,547,740	3,395,965	<u> </u>	1,485,267	1,253,247	2,738,514		2,732,793	2,300,101	5,032,89
	Type-i	m	852	720			0	0	0	ļ	O				0	0	
	Type-2	m	973	815		1,900	1,848,225	1,547,740	3,395,965	625 600	607,969		*************		1	7,700	-
	Type-3 Type-4	m m	1,067	906 1,001	1,973 2,188	0	0	0		200	639,912 237,386	1		875	933,205 0	1	1,726,29
	Type-5	m	1,744	1,345	1		0	0	o		0	***************************************		0	0		
	Турс-6	т	2,001	1,555			0	0	0			ļ	0		0		
	Type-7	m	2,304	1,789	I		0		0	ļ	0	1	0		0		
	Турс-8	m	2,440	1,904	4,344		0	0		ļ	0	1	\ <u>-</u>		0	0	
Branch Canal		Total	0.50	700	1.530	400	389,100	325,840 0	714,940			1	1	0	0		-
	Type-1 Type-2	m	852 973	720 815		400	389,100	325,840	714,940	850 1,100	724,481	896,060		***************************************	0	*	
	Type-3	m	1,067	906			0	0	0	225	239,967				0	* V-1	
	Турс-4		1,187	1,001	2,188		0	0	0		0	0	0		0)
Main Farm Ditch		л	188	1	189	2,300	432,400	2,300	434,700	5,600	1,052,800	5,600	1,058,400	6,645	1,249,260	6,645	1,255,90
Escape		Total				1	4,324	3,514	7,838	2	8,648	7,028	15,676	5	16,508	13,770	30,27
	Турс-і	nos	2,620	2,247	4,867	0	0	. 0	0	0	· · · · · · · · · · · · · · · · · · ·		0		·	+	
	Турс-2	nos	4,324	3,514	7,838	1	4,324	3,514	7,838	2	8,648	7,028	15,676	2	8,648	7,028	15,67
	Турс-3	nos	7,305	5,614	12,919	0	0	0	0	0	0	0	0	0	0	0	
Drainage Crossing		пов	15,382	12,235	27,616	. 0	0	0	0	0	0	0	0	3	46,145	36,704	82,84
Catch Drain		поѕ	17,299	11,620	28,919	0	. 0	0	0	0	0	0	0	1	17,299	11,620	28,91
Road Crossing		Total				0	0	0	0	8	66,022	52,884	118,906	11	86,855	70,114	1,56,90
	Type-1		4,068	3,351		0	0	0	0	1	4,068	 	7,419		8,137	1	
	Type-2 Type-3		8,746 23,518	7,046 17,370		0	0	0	0	7	61,225 0		110,545	9	78,718	63,411	142,13
Road crossing in fi		nos	728	213		0	0	0	0	, <u>v</u>	728	· · · · · · · · · · · · · · · · · · ·	941	0	ļ o	0)
Aqueduct		Total		·		0	0	0	0	0	***************************************	I			91,635	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	152,00
	3m,	nos	15,273	10,071	25,344	. 0	0	. 0	0	0				T .	15,273	1	1
· · · · · · · · · · · · · · · · · · ·	5m	поѕ	30,545	20,143			0	0	0		0	3	0	ļ	0		<u> </u>
	tOm 15m	nos	76,363	50,357		0	0	. 0	0	0	0	1			76,363		126,72
	15m 20m	TOS TOS	152,725 229,088	100,714 151,072			0	. 0	0		0		0	1	0		<u> </u>
Field Diversion		Total				. 15	147,343	119,814	267,157	19		T					71,24
	normal		216	265	481	6	1,297	1,591	2,888	14						6,895	
total production and the second	h shoot		16,227	13,136	*********	9	146,046	118,223	264,268	5		i			32,455		
Diversion		Total			1.244	2	70,740	106,110	176,850	4	172,606	258,908	431,514	Lt	50,933	76,399	127,3
	Туре-1		35,370	53,055		2	70,740	106,110	176,850	2	70,740	106,110	176,850	ò	0		·
	Type-2	,,	50,933	76,399		0	0	. 0	0	~~~~~	A A A A A A A A -				50,933		127,3
	Type-3		80,172	120,258		0	0	0	0	i					0		
Drop		nos	11,792	7,757		0	0	0,	0	0	0	. 0	0		11,792		
Field Diversion Bo	х	nos	4,642	4,148	8,790	57	264,603	236,415	501,017	127	589,553	526,749	1,116,302	146	677,754	605,554	1,283,30
Othres		sore	2,758,162	28,727	2,786,889		0	0	0		0	0	0		0	O)
Canal Works				Sub-Total			3,956,712	2,863,730	6,820,442		5,883,509	3,971,902	9,855,411	· · · ·	9,555,448	6,386,901	15,942,3
		Į		ary Work	***************************************		593,507	429,560	1,023,067		882,526	1			1,433,317	958,035	2,391.3
			· · · · · · · · · · · · · · · · · · ·	Total			4,550,219	3,293,290	7,843,509	ļ	6,766,035	4,567,687	11,333,722	<u> </u>	10,988,765	7,344,936	
Canal Structure V	Vorks			Sub-Total			487,009	465,853	952,862		920,991	914,962			1,036,996		
			Tempora	ary Work	15%		73,051	69,878	142,929	<u> </u>	138,149				155,549		1
· · · · · · · · · · · · · · · · · · ·		1		Total			560,060	535,731	1,095,791		1,059,140	1,052,206	2,111,346	 	1,192,545		
er a la company				and TOTA			5,110,279	3,829,021	۱	I	7 605 175	5,619,893	l	1	12,181,310	l .	

·				——	100			1	AB-10				AB-12		(diffe.	1,000NRs.)
			Unit Price		AB·2 Bidol				Katunje				Kutudhai	l		
	ŀ	L.C.	F.C.		Quantity	L.C.	F.C.		Quantity	L.C.	F,C.	Total	Quantity	L.C.	F.C.	Total
		(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs,)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)
Main Canal (Total)	Total				2,550	2,509,626	2,059,061	4,568,686	2,525	2,644,503	2,162,518	4,807,021	3,300	3,397,893	2,816,686	6,214,579
	Type-1 in				1,350	1,150,646	971,393	2,122,038	675	575,323	485,696	1,061,019	1,900	1,848,225	1,547,740	3,395,965
	Туре-2 т				1,200	1,358,980	1,087,668	2,446,648	1,850	2,069,180	1,676,822	3,746,002	1,400	1,549,668	1,268,946	2,818,614
	Type-3 m				0	0	0	0	0	0	0	0	0	0	0	0
	Type-4 m Type-5 m		***	***	0	0	0	0	ō	0	0	0	0	0	0	0
	Турс-6 т				0	0	0	0	0	0	0	0	0	. 0		0
	Туре-7 m			***	. 0	0	0	0	0	0	0	0	0	0	<u>0</u>	
	Турс∙8 т				0	O	0	0	0	0		<u>U</u>				
(Replacement)	Total					825,720	634,473	1,460,193		1,002,660	770,432	1,773,092		589,800	453,195 0	1,042,995
	Type-1 m	942	720	1,662	0	0	<u>0</u>	0	0	0	0	0	0	0	o	0
	Type-2 m	1,074 1,180	815 906	1,888 2,086	700	825,720	634,473	1,460,193	850	1,002,660	770,432	1,773,092	500	589,800	453,195	1,042,995
	Type-3 m Type-4 m	1,311	1,001	2,312		0	0	0		0	0	0		0	0	0
	Type-5 m	1,958	1,345	3,303		0	0	0		0	0	0		0	0	0
	Турс-б т	2,249	1,555	3,804		0	0	0		0	0,	0		0	0	
	Туре-7 т	2,587	1,789	4,375		0	0	0		0	0	0		0	0	
	Турс-8 т	2,739	1,904	4,643		0	0	0				B.055 25 -			2762 101	5,171,584
(Improvement)	Total	<u></u>				1,683,906	1,424,588	3,108,493	477	1,641,843	1,392,086 485,696	3,033,929 1,061,019		2,808,093 0	2,363,491 0	0
	Type-1 m	852	720	1,572	1,350	1,150,646	971,393	2,122,038	675	575,323 0	U 0x0*r0+c	1,001,012	1,900	1,848,225	1,547,740	3,395,965
	Type-2 m	973 1,067	815 906	1,787 1,973	500	533,260	453,195	986,455	1,000		906,390	1,972,910		959,868	815,751	1,775,619
	Турс-3 m Турс-4 m	1,187	1,001	2,188		0	0	0		0	0			0	0	0
	Type-5 m	1,744		3,088		0	0	0		0	0			0	0	0
	Турс-6 т	2,001	1,555	3,556		0	0	0	 -	0	0			0	0	0
	Type-7 m	2,304		4,093	****	0	0	0		0	0			0	0	0
	Type-8 m	2,440	1,904	4,344		0	<u>u</u>	0	T	.,			1		0	
Branch Canal	Total				0	0	0		0	. 0	0			0		0
	Type-1 m	852		1,572		0 0	0			0		.,		0	0	0
	Type-2 m	973 1,067	815 906	1,787		0	0)	0	. 0	(0	0	0
	Type-3 m Type-4 m	1,187		2,188	ļ	0	0			0	0			0	0	0
Main Farm Ditch	. m	188		189	1,010	189,880	1,010	190,890	1,680	315,840	1,680	317,520	2,930	550,840	2,930	553,770
Main Paint Diteit		100			1,12,2						0.742	4,86	, 2	5,240	4,495	9,735
Escape	Total		2047	4 0 67	 	2,620 2,620		4,867 4,867		2,620 2,620		1	1	5,240		9,735
	Type-1 nos Type-2 nos	2,620 4,324		4,867 7,838			0	1,400					1	0	0	0
	Type-2 nos Type-3 nos	7,305		12,919		0	0	(0 0	0			<u> </u>	0	0	0
Drainage Crossing		15,382	i	27,616		15,382	12,235	27,616	5 2	30,763	24,469	55,23	3 0	0	0	0
									R	17,299	11,620	28,91	2 2	34,598	23,240	57,838
Catch Drain	nos	17,299	11,620	20,715					1					4,796	3,564	8,361
Road Crossing	Total		2261	7.41		8,746	1		7	· · · · · · · · · · · · · · · · · · ·			0 1	4,068	3,351	7,419
	Type-1 nos Type-2 nos	4,068 8,746		7,419 15,792		8,746				26,239	1		7	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	0
	Type-3 nos	23,518) 0				0			QQ			0
Road crossing in		728				0	0		9				0	728	213	941
Aqueduct	Total					0	- 0		p () 0			0 !	229,088		380,159
	3m nos	15,27	3 10,071	25,344	1	0			0 0				0 () (+	0
	5m nos	30,54					0	1-2-41-2-4	0				0 (
·	10m nos	76,36				0 0			0				0 (1	0
	15m nos 20m nos	152,72 229,08					7		0	(0	229,088	151,072	380,159
Dial Di					1		ľ	236,34	9 1	3 114,888	93,54	2 208,43	0 1	67,07	55,195	122,267
Field Diversion	Tota		6 265	48		3 649	-	1		6 1,297				2,162	2,652	4,814
u u	vith shoot nos					8 129,818				7 113,59		1	2	4 64,909	52,543	117,453
Diversion	Tota				1	0 () (0	0 0)	<u> </u>	0 0	0 .0) (
	Type-I nos		0 53,055	88,42	-	0 (9					<u> </u>	
	Type-2 nos					0 (<u>]</u>				V) (
	Type-3 nos	1	2 120,258	200,43	<u> </u>	0)	<u> </u>	0	0	·········	<u> </u>		-		
Drop	лоѕ	11,79	2 7,757	19,54	9	0 0) (<u> </u>	0	1 11,79	2 7,75	7 19,54	19	2 23,58	4 15,513	39,09
Field Diversion I	1	T		8,79	0 3	0 139,265	124,429	263,69	3 4	4 204,25	5 182,49	6 386,7	6 6	9 320,30	8 286,186	606,49
Othres	T	1		2,786,88	1	2,758,163		T	19		n	0	0	1	0 (
	nos	2,758,16	28,72	2,700,88	1	_		 				 		1 0/0 72	2 2910.61	6,768,349
Canal Works			Sub-Tota	***************************************		2,699,50	2.01-401000000000000000000000000000000000			2,960,34			1	3,948,73 592,31		
		Temp	orary Worl		<u> </u>	404,924				444,05 3,404,39				4,541,04		
Ca1 C:		+	Total			3,104,433			[407,85		7		684,68		
Canal Structure	Works		Sub-Tota	>2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		3,089,24 463,38				61,17				102,70		-
<u> </u>		'l'emp	orary Worl Total		'	3,552,62				469,03				787,38		1,407,54
		_L	, via		1		1								2 222	
			Grand TOT	41.	1	6,657,05	8 2,718,451	9,375,5	17	3,873,43	O 2,883,5F	6,757,0	[6]	5,328,43	2 3,862,71	9,191,14

Part							122.11		•				······		AL-13		(unit	: 1,000NRs
No. No.					Unit Price		AB-14 Mahade	y Khola			AL-10 Kotkhu							
Marche Tene Tene Tene Control Cont						Total			F.C.	Total		T	F.C.	Total	 	L,C.	F.C.	Total
Type 17				(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)			(R\$.)	(Rs.		(R
The color The	Main Canal (Total)	Total				3,925	5,707,694	4,261,918	9,969,612	5,400		,		1		4,327,414	10,245,8
The color The							0//0	779 200	651.690	1 420 880	0						540 955	
Type-4 1															† ·····			
Time							0		0	0	0	0	0	0	0		†	2,000,2
Dispert Disp			m	***			1,775	3,475,557		5,862,168		1/	4		1,950	3,818,217	2,621,912	6,440,12
Type 5 m Type 5 m							0	0		0			1		0	0	0	
Registered Total											0			·	0		†	
Size-L m	(5	17pc						3 623 (V)7		6 122 017		2 600 112	1 865 760	4 564 872		4 702 917	3 301 301	0.004.0
Type 2 m 1,996 2 m 1,996 2 m 2,996 2 m	(Replacement)	Tyne-I		942	720	1.662				0,122,917			 				1	8,004,62
Type-1 m	-	-514. A C. D. I. C. C.			~~~~~		0	0	0	0		0	0	0	0	0	0	
Tipe-1 m 1,988 1,46 3,300 1,75 3,75,557 3,004 0 0 0 0 0 0 0 0 0			m			-	125	147,450		260,749	0				750	884,700	679,793	1,564,45
Type 6 m 2,200 1,555 3,366 0 0 0 0 1,200 2,091,12 1,093,700 4,546,972 0 0 0 0 0 0 0 0 0	. 						1 775	0 1 475 557		5 962 169					1 050	1 2 8 1 8 2 1 2	, 0	(410 4
Syec 2						***************************************	77//2	0			1,200			4,564,872	1,300	0	0	0,440,12
								0		0			1			0	0	
Type-1		Турс-8	m	2,739	1,904	4,643		0	0	0		0	0	0		0	0	
Type-2 m 971 972 975 976 977 978 978 978 977 978	(Improvement)		Total					2,084,687	1,762,008	3,846,695						1,216,529	1,025,710	2,242,23
Type-2 m									0	0			 	J		0	0	
Type-2 m 1,187 1,001 2,188 m 0 0 0 0 0 0 0 0 0											250							1,206,46
Type-2 m 1,744 1,545 3,488 0 0 0 0 0 0 0 0 0					·		1,643			<u> </u>		.,,,		0,0,0,19			***************************************	1,033,77
Type 7 m 2,004 1,709 4,003 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Type-5		1,744			0			~	*********		1		0			
ance Create													1					
Sub-Treis									***************************************	0				0			·	<u> </u>
Type-1 m	Danach Const					- 10	2 865			4 503 426	< <75			0 033 933	2 300	10-10-11/10 1-10-11/10 1-10-1	***************************************	5 412 76
Type-2 m 973 915 1,387 0 0 0 0 1,325 1,397,00 3,065,09 1,975 1,921,181 1,608,833 3,394, Type-4 m 1,1187 1,020 1,218 0 0 0 0 1,925 2,053,051 1,748,08 3,797,852 ain Pann Difech m 188	Diatacii Canai			852	720	1,572	•							1				
Type-4 m 1,187 L001 2,188 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				973	815	1,787			0	0		1		***************************************	1,975	1,921,181		
ain Farm Dirich m 188 189 5,890 1,105,440 5,880 1,111,320 13,160 2,474,080 13,160 2,474,240 6,540 1,229,520 6,540 12,95, cage Total 1 4,324 3,514 7,838 1 7,838 1 4,324 3,514 7,838 1 7,935 5,614 12,919 1 4,324 3,514 7,838 1 4,324 3,514 7,305 5,614 12,919 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								i		0	1,925	Table 1		- Carlon William			***************************************	
Total Type-1 nos 2,600 2,247 4,800 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Туре-4								0		İ				1	1	
Type-1 nos 2,620 2,247 4,869 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Main Parm Ditch		m	188	1	189	5,880	1,105,440	5,880	1,111,320	13,160	2,474,080	13,160	2,487,240	6,540	1,229,520	6,540	1,236,06
Type-2 nos	Escape		Total				1		3,514	7,838	1		5,614		<u></u>	1	3,514	7,83
Type-3 nos 7,265 5,614 12,919 0 0 0 0 0 1 1, 7,365 5,614 12,919 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							0						· · · · · · · · · · · · · · · · · · ·	0	0	···	 	7.01
Integration Consisting Co							0	-		· · · · · · · · · · · · · · · · · · ·			·	12,919	0	1		/,02
tich Drain nos 17,299 11,620 28,919 0 0 0 0 0 0 0 0 0	Drainsoe Cryssino										1							
Total Price Total Price Pric																		18.01
Type-1 nos 4,068 3,351 7,419 2 8,137 6,702 14,839 12 48,820 40,213 89,033 3 12,205 10,053 22, Type-2 nos 8,746 70,06 15,792 7 61,225 49,320 110,545 1 8,746 7,046 13,792 5 43,732 35,229 78, Type-3 nos 2,3518 17,370 48,888 0 0 0 0 0 0 2 47,037 34,740 81,777 0 0 0 0 and crossing in field nos 728 213 941 4 2,912 853 3,765 11 8,007 2,345 10,335 2 1,456 426 1, ueduct Total				11,277	11,020	20,717												
Type-2 nos 8,746 7,046 15,792 7 61,225 49,320 110,545 1 8,746 7,046 15,792 5 43,732 35,229 78, Type-3 nos 23,518 17,370 40,888 0 0 0 0 0 0 2 47,037 34,740 81,777 0 0 0 0 add crossing in field nos 728 213 941 4 2,912 853 3,765 111 8,007 2,345 10,355 2 1,456 426	Road Crossing			4.068	3,351	7,419							,		3			22,25
Made crossing in Field nos 728 213 941 4 2,912 853 3,765 11 8,007 2,345 10,353 2 1,456 426 1, Medici							7					1	1		5	DEC. EDITION	1 ~~	
			nos				0						1		0			
Sm nos 15,273 10,071 25,344 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Road crossing in f	ield	nos	728	213	941	4	2,912	853	3,765	11	8,007	2,345	10,353	2	1,456	426	1,88
Sm nos 30,545 20,143 50,688 1 30,545 20,143 50,688 0 0 0 0 0 0 0 0 0	Aqueduct			,,,,,,			1:											
10m nos 76,363 50,357 126,720 0 0 0 0 0 0 0 0 0	~~ <u></u>								•			~~	•	***************************************				
15m nos 152,725 100,714 253,440 0 0 0 0 0 0 0 0 0							- -			***************************************		VA		0				
Solid Diversion Total														0		******		
		20m	nos	229,088	151,072	380,159		0	0	0		0	0	0	ļ	0	0	
with shoot nos 16,227 13,136 29,363 34 551,728 446,620 998,347 5 81,136 65,679 146,816 6 97,364 78,815 176, Version Total 7 309,841 464,762 774,603 6 303,710 455,566 759,276 5 223,538 335,308 558, Type-1 nos 35,370 53,055 88,425 3 106,110 159,165 265,275 2 70,740 106,110 176,850 2 70,740 106,110 176, Type-2 nos 50,933 76,399 127,332 4 203,731 305,597 509,328 3 152,798 229,198 381,996 3 152,7	Field Diversion						35											192,06
Version Total 7 309,841 464,762 774,603 6 303,710 455,566 759,276 5 223,538 335,308 558. Type-1 nos 35,370 53,055 88,425 3 106,110 159,165 265,275 2 70,740 106,110 176,850 2 70,740 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 179,000 106,110 176,850 170,000 107,000							1,1					·		***************************************	Torres of the same of			15,88
Type-1 nos 35,370 53,055 88,425 3 106,110 159,165 265,275 2 70,740 106,110 176,830 2 70,740 106,110 176, Type-2 nos 50,933 76,399 127,332 4 203,731 305,597 509,328 3 152,798 229,198 381,996 3 152,798 229,198 381, Type-3 nos 80,172 120,258 200,430 0 0 0 0 0 1 80,172 120,258 200,430 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			,	,0,241	101100	29,303												
Type-2 nos 50,933 76,399 127,332 4 203,731 305,597 509,328 3 152,798 229,198 381,996 3 152,798 229,198 381, Type-3 nos 80,172 120,228 200,430 0 0 0 0 0 1 80,172 120,228 200,430 0 0 0 0 op nos 11,792 7,757 19,549 7 82,544 54,297 136,841 3 35,376 23,270 58,646 0 0 0 eld Diversion Box nos 4,642 4,148 8,790 133 617,406 551,635 1,169,041 300 1,392,645 1,244,289 2,636,934 165 765,955 684,359 1,450, hres nos 2,758,162 28,727 2,786,889 0 0 0 0 0 0 0 0 0 0 0 0 anal Works Sub-Total Temporary Work 15% 1,388,259 949,396 2,337,655 2,683,721 1,181,7921 4,501,642 1,529,923 1,034,429 2,554 Total 10,643,318 7,278,705 17,922,023 20,575,191 13,937,391 34,512,582 11,729,408 7,930,622 19,669, anal Structure Works Sub-Total Temporary Work 15% 252,639 241,552 494,191 293,554 285,281 578,835 175,951 175,211 351, Total 1,936,898 1,851,897 3,788,795 2,255,583 2,187,151 4,437,734 1,348,958 1,343,287 2,692,	Diversion			35.370	53,055	88,425	3									T	·····	
Type-3 nos 80,172 120,258 200,430 0 0 0 0 0 1 80,172 120,258 200,430 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							4								T	*******		
Pid Diversion Box nos 4,642 4,148 8,790 133 617,406 551,635 1,169,041 300 1,392,645 1,244,289 2,636,934 165 765,955 684,359 1,450, hres nos 2,758,162 28,727 2,786,889 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							0						***************************************		1	T		<u> </u>
hres nos 2,758,162 28,727 2,786,889 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Drop		nos	11,792	7,757	19,549	7	82,544	54,297	136,841	3	35,376	23,270	58,646	0	0	0	
hres nos 2,758,162 28,727 2,786,889 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t Field Diversion Bo	x	nos	4,642	4,148	8,790	133	617,406	551,635	1,169,041	300	1,392,645	1,244,289	2,636,934	165	765,955	684,359	1,450,31
Sub-Total 9.255,059 6.329,309 15,584,368 17,891,470 12,119,470 30,010,940 10,199,485 6.896,193 17,095 17,095 17,095 17,095 17,095 17,095 17,095 17,095 18,1792 1,501,642 1,529,923 1,034,429 2.564 1,0643,318 7,278,705 17,922,023 20,575,191 13,937,391 34,512,582 11,729,408 7,930,622 19,669 1,0643,318 1,684,259 1,610,345 3,294,604 1,957,029 1,901,870 3,858,899 1,173,007 1,168,076 2,341 1,0643,318 1,06	Othres														<u> </u>	··········		Ī.
Temporary Work 15% 1,388,259 949,396 2,337,655 2,683,721 1,817,921 4,501,642 1,529,923 1,034,429 2,564. Total 10,643,318 7,278,705 17,922,023 20,575,191 13,937,391 34,512,582 11,729,408 7,930,622 19,660. anal Structure Works Sub-Total 1,684,259 1,610,345 3,294,604 1,957,029 1,901,870 3,858,899 1,173,007 1,168,076 2,341. Temporary Work 15% 252,639 241,552 494,191 293,554 285,281 578,835 175,951 175,211 351. Total 1,936,898 1,851,897 3,788,795 2,250,583 2,187,151 4,437,734 1,348,958 1,343,287 2,692.						,507							1		 		ļ	
Total 10,643,318 7,278,705 17,922,023 20,575,191 13,937,391 34,512,582 11,729,408 7,930,622 19,600, mal Structure Works Sub-Total 1,684,259 1,610,345 3,294,604 1,957,029 1,901,870 3,858,899 1,173,007 1,168,076 2,341. Temporary Work 15% 252,639 241,552 494,191 293,554 285,281 578,835 175,951 175,211 351. Total 1,936,898 1,851,897 3,788,795 2,250,583 2,187,151 4,437,734 1,348,958 1,343,287 2,692.	Lanai Works				·	15%					 -		*************				····	
Sub-Total 1,684,259 1,610,345 3,294,604 1,957,029 1,901,870 3,858,899 1,173,007 1,168,076 2,341,522 2,41,552 4,94,191 2,93,554 2,85,281 5,78,835 1,75,951 1,75,211 3,51,75 3,758,755 3,758,755 2,250,583 2,187,151 4,437,734 1,348,958 1,343,287 2,692,752 2	Barrell of			- +pol		25 70									l – –	1	1	
Temporary Work 15% 252,639 241,552 494,191 293,554 285,281 578,835 175,951 175,211 351,351 Total 1,936,898 1,851,897 3,788,795 2,250,583 2,187,151 4,437,734 1,348,958 1,343,287 2,692,333	Canal Structure	Yorks			Sub-Total													1
2,000,000	A Company		ļ	Tempore		15%		252,639	241,552	494,191		293,554	285,281			175,951	175,211	т.
Grand TOTAL 12,580,216 9,130,602 21,710,818 22,825,774 16,124,542 38,950,316 13,078,366 9,273,909 22,352					Total			1,936,898	1,851,897	3,788,795		2,250,583	2,187,151	4,437,734	ļ	1,348,958	1,343,287	2,692,2
				Gr	and TOT	AL		12,580,216	9,130,602	21,710,818		22,825,774	16,124,542	38,950,316		13,078,366	9,273,909	22,352,2

Decision Trans	mit : 1,000NRs.)	(unit :															
			mirau II				-sisou 7 chin:				almost t (NO			II. ia Balaa			
	Total	F.C.			Total				Total				Total			ŀ	
1. 1. 1. 1. 1. 1. 1. 1.	Rs.) (Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)				
Symin No	343 12,541,756	5,507,343		5,925	36,138,181	14,971,013		9,050	3,715,459		2,202,818	1,125				Total	in Canal (Total)
1969 1969	520 2,144,820	977.520		1 200	1 340 513	610.050		750	0	/···	0	0					T
Digit of m	Andrew Commence	1,926,079			0	0,0,930		0	0	0		0					
Dye m	744 6,012,266	2,603,744	3,408,522	2,600	0	0	0	0	0	0	0	0					
Digital Dig	0 0	0		0	6,883,340	2,924,440		2,175	3,715,459	1,512,641		1,125				5 m	T
Description			0	<u>0</u>	8 53 I 640	3 487 634		1.050	0	0		0) L. K		·i		
Open	0 0	0	0	0					0			0			1		
Object 10	607 9,558,449	4,144,607	5,413,842		30.473.866	12,477,665	17.996.202		3 715 459	1.512.641	2 202 818					[
Type-2 m	0 0	0	0						0	0			1,662	720	942		
	0 0	0	0	0	0	0	0	0	0	ō	0			815	1,074		
		,,			0	0	0		0	0	0						
Type-6	0 0	. 0	0	2,000	2,559,538	1,042,042	1,517,497	775	3.715.459	1.512.641	2.202.818	1.125	,				
Type-2 m 2,987 729 4,275 0 0 0 0 1,995 5,944,049 3,847,048 5,914,09 0 0 0 0 0 0 0 0 0	0 0	0	0		0	0			0	0	0						
Dispute Total		0	0					, m, m, m, m, m, m, m, m, m, m, m, m, m,		0	0		1. 711 7	1,789	2,587		
Type: m FS FS FS FS FS FS FS								4,175	0	0	0		4,643	1,904	2,739	8 m	Ţ
Type-1 n	736 2,983,307	1,362,736			5,664,315	2,493,348	3,170,967										(Improvement)
Type-1 m 1.67	520 2,144,820	977,520		1,200	1,340,513	610,950	729,563	750	0								
Type-6 m	216 838,487	385,216			0	0	0			0							
Type-1 or 2,000 1,555 1,555 0 0 0 0 0 0 0 0 0	0	0	<u>o</u> l	0	0	0	0		0				2,188	1,001	1,187		
Dye-7 m 2,304 1,709 4,807 0 0 0 0 0 0 0 0 0	0 0	0	0		4,323,802 A	1,882,398	2,441,404	1,400	0		*******	0		T 01.11.000	~		
Types	0 0	0	0		0	0	0	0	0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							
Type-1 m 852 729 1.572 0 0 0 0 5.20 4.000,300 3.799,224 8.209520 2.01 178,099 551,100 179;2 m 779;2 m 779;3 751,000	00	0	0		0	0	0	ō	0	0	0						
Type-1 m		729,472	869,642	920	19,806,428	9,053,654	10,752,774	11,240	0	0	0	0				Total	anch Canal
Type-3 m 1.607 9x6 977 0 0 0 0 260 277.295 235.661 512.957 0 0 0 0 0 0 0 0 0	COLUMN TO THE PARTY OF THE PART	151,106				A.L.1011-11-17			0							1 m	
Type-1 m	0 0 0	378,300	0 0	710		C. 1-1/			0	0	0		***				
Miss Part Dileck m	0 0	0	0				August 14 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -		0	0	0						
Figure Total	,250 614,250	3,250	6[1,000	3,250	5,240,970	27,730	5,213,240	27,730	7,560	40	7,520	40		1			
Type-1 new 2,600 2,247 4,867 0 0 0 0 0 0 0 0 0	.761 12,705	5,761	6,944	2	12019	5 614	7 305		12010	5.61.4	7 705						
Type-2 nes							0		12,919			0	4,867	2,247	2,620		
Dellasge Crossing Nos 15,382 12,235 27,616 0 0 0 0 0 0 5 76,909 61,173 138,092 0 0 0 14 12,000 17,000 17,000 18,746 7,04 18,746 7,04 17,000 17,000 17,000 18,746 7,04 17,000 17,000 17,000 18,746 7,04 17,000 17,000 18,746 7,04 17,000 17,000 18,746 7,04 17,000 18,746 7,04 17,000 18,746 7,04 17,000 18,746 7,04	514 7,838	3,514		1	0	0	0		0	0		0	- ,				
Chessing Total	_0	0		0	12,919	5,614	7,305	1	12,919	5,614	7,305	1	12,919	5,614	7,305	-3 nos	
Road Crossling	0 0			0		61,173	76,909	5	0	0	0	0	27,616	12,235	15,382	nos	alnage Crossing
Type-1 nos 4,068 3,351 7,419 0 0 0 0 0 11 44,751 35,862 81,614 0 0 0 0 0 0 0 0 0	,240 57,838	23,240	34,598	2	57,838	23,240	34,598	2		0	0	0	28,919	11,620	17,299	nos	sch Drain
Type-2 nos 8,746 7,046 15,792 0 0 0 0 0 14 122,451 98,640 221,090 1 8,746 7,04										0	0	0		_		Total	ad Crossing
Type-3 nos 23,518 17,370 40,888 0 0 0 0 0 15 10,919 3,198 14,117 0 0 0 0 0 0 0 0 0	0 0	1						,.,,		1							
Solid Cresting in Tiell nos 728 213 941 0 0 0 0 0 0 0 0 0	0 (1			T					ī		1	1		A da . b d d 1 d 1 # 00		
Ageodact Total	0 0	C	0				1								2		THE TAXABLE INC.
Sm No. 15,273 10,071 25,344 0 0 0 0 0 0 0 0 0 0 0 2 30,545 20,145	857 304,125	120,857	183,270	3		0	0	0	(0	, ,	l			-, 1,	Total	peduct
10m nos 76,363 20,475 20,0714 253,440 0 0 0 0 0 0 0 0 0	143 50,688	1		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						0	0		25,344	10,071	15,273		
15m nos 152,725 100,714 253,440 0 0 0 0 0 0 0 0 0		1					0				4,		T				
Seld Diversion Box Page	,714 253,440	1	4,5,0		1		0						,	- 2			
Field Diversion Total	0 (0		1	0			,				
Normal Nos 16 265 481 3 649 796 1,444 61 13,188 16,177 29,365 9 1,946 2,38			294,037	27	704,718	318,302	386,416	84	1,44	796	649	3					eld Diversion
Diversion Total					1					796	649	1		265	216	al nos	
Type: 1 nos								23		ļ <u>0</u>	1	0	29,363	13,136	16,227	oot nos	wit T
Type-2 nos 50,933 76,399 127,332 0 0 0 0 0 0 8 407,462 611,194 1,018,655 0 0 0					T			· · · · · · ·			 	C	<u> </u>	ļ			
Type-3 nos	0 176,850	T		1	1						1			01 10000 1 1 1111			
Drop nos 11,792 7,757 19,549 0 0 0 0 0 15 176,880 116,351 293,231 1 11,792 7,755	0 0			1	1,					•		A					
Field Diversion Box nos 4,642 4,148 8,790 3 13,926 12,443 26,369 619 2,873,491 2,567,383 5,440,874 88 408,509 364,959	1,757 19,54	7,75	11,792		T									T			
Others nos 2,758,162 28,727 2,786,889 0				T	1		1	<u> </u>		1				1			
Canal Works Sub-Total 2,210,338 1,512,681 3,723,019 37,133,183 24,052,396 61,185,579 8,515,055 6,240,000 Temporary Work 15% 331,551 226,902 558,453 5,569,977 3,607,859 9,177,836 1,277,258 936,01 Total 2,541,889 1,739,583 4,281,472 42,703,160 27,660,255 70,363,415 9,792,313 7,176,07 Canal Structure Works Sub-Total 21,880 18,853 40,733 4,928,138 4,843,313 9,771,451 1,018,637 874,55 Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 152,796 131,187 1,433,1433 1,433,14	0			1			<u> </u>	1		1	,	T	T				
Temporary Work 15% 331,551 226,902 558,453 5,569,977 3,607,859 9,177,836 1,277,258 936,01 Total 2,541,889 1,739,583 4,281,472 42,703,160 27,660,255 70,363,415 9,792,313 7,176,07 Canal Structure Works Sub-Total 21,880 18,853 40,733 4,928,138 4,843,313 9,771,451 1,018,637 874,51 Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 152,796 131,18 Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 1,214,433 1,205,738 Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 1,214,433 1,205,738 Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 1,214,433 1,205,738 Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 1,214,433 1,205,738 Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 1,214,433 1,214,434		+	 	 	 			 	 		,	 	2,786,889	28,727	2,758,162	nos	
Temporary Work 15% 2,541,889 1,739,583 4,281,472 42,703,160 27,660,255 70,363,415 9,792,313 7,176,07															ļ		anal Works
Canal Structure Works Sub-Total 21,880 18,853 40,733 4,928,138 4,843,313 9,771,451 1,018,637 874,55			1				1		· · · · · · · · · · · · · · · · · · ·			1			Tempo		
Temporary Work 15% 3,282 2,828 6,110 739,221 726,497 1,465,718 152,796 131,18				T	1		1		1			 			ļ		anal Structure 1
5 (5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						A C. A. D. P. P. C. C. C. C. C. C. C. C. C. C. C. C. C.						,		,	Terniv	L.)	~ ucitie }
	5,784 2,177,21	1,005,78	1,171,433	9	11,237,16	5,569,810	5,667,359		1		-						
Grand TOTAL 2,567,051 1,761,264 4,328,315 48,370,519 33,230,065 81,600,584 10,963,746 8,181,83	1,858 19,145,60	5 8,181.85	10.963.746	4	81.600.5R	33,230.069	48 370 510	<u>, </u>	422021	761.04	2 567 05	1	· A T				

Table 6-6 Breakdown of Cost for Procuring O&M Equipment

			Local C	urrency	Foreign (
Item	Unit	Quantity	Unit price	Amount	Unit price	Amount	Total	Remarks
			(Rs.)	(1,000Rs)	(Rs.)	(1,000Rs)	(1,000Rs)	
Equipment for DIO					*	į	•	
Jeep	nos	3	580,000	1,740	1,100,000	3,300	5,040	
Pick up Track	nos	3	500,000	1,500	930,000	2,790	4,290	
Motor Cycle	nos	6	34,000	204	62,000	372	576	
Bicycle	nos	9	1,700	15	3,100	27	42	
Audio Visual Set	nos	3	83,000	249	155,000	465	714	
Survey Equipment	nos	3	170,000	510	306,000	918	1,428	
Tool set	nos	3	8,300	24	15,500	46	70	
Portable conclete Mixer	nos	3	375,000	1,125	696,000	2,088	3,213	
sub-total	1105			5,367		10,006	15,373	
and tour				-1				
Equipment for WUA								
Shovel	nos	300	370	111	1,060	318	429	
Bamboo Basket	nos	300	60	18	180	54	72	
Sickle	nos	300	130	39	350	105	144	•
Tool set	nos	26	1,360	35	3,400	88	123	
Wooden Tamper	nos	26	840	21	1,540	40	61	
sub-total				224		605	829	
Building Facilities								
Brick made office	unit	13	171,500	2,229	73,500	955	3,184	
Typewriter	nos	13	8,300	107	15,500	201	308	
Desk and Chair	nos	39	3,300	128	6,200	241	369	
Mimeographing Machine		13	5,000	65	9,300	120	185	
Land Aquisition	unit	13	200,000	2,600		0	2,600	1unit=50m2
sub-total		15	230,000	5,129		1,517	6,646	
TOTAL				10,720		12,128	22,848	

Table 6-7 Estimation of Annual O&M Cost

														(1	ınit : NRs)
			Total						. Ma	intenance Co	st		Saraly of Of	fice Staff	
Scheme	Area (ha.)	nos of	Amount of Water Charge	Total Amour	nt of Annual (O&M Cost	Construc Cost (10		1%	of construction	on cost		4,000	Rs/staff/moi	nth
	(1141.7		/vear	LC	FC	Total	LC	FC	L.C_	FC	Total	nos	LC_	<u>FC</u>	Total
		0,3	100						1%	1%			4,000	0	
Bishmambhara	115	383	460,000	245,431	70,410	316,635	8,798	6,466	87,980	64,660	152,640	3	144,000	0	144,000
Boshan	153	510	612,000	265,376	84,370	350,802	10,348	7,672	103,480	76,720	180,200	3	144,000	0	144,000
Daksinkuli	84	280	336,000	186,085	64,650	251,315	8,026	6,045	80,260	60,450	140,710	2	96,000	0	96,000
Indrayani	126	420	504,000	241,608	66,540	309,017	8,287	6,024	82,870	60,240	143,110	3	144,000	0	144,000
Shali Nadi	196	653	784,000	350,095	103,080	454,528	13,517	9,328	135,170	93,280	228,450	4	192,000	0	192,000
Bidol	40	133	160,000	169,259	30,900	200,435	6,858	2,890	68,580	28,900	97,480	2	96,000	0	96,000
Katunje	50	167	200,000	142,968	33,370	176,683	4,112	3,087	41,120	30,870	71,990	2	96,000	0	96,000
Kutudhal	54	180	216,000	158,756	43,750	202,879	5,644	4,105	56,440	41,050	97,490	2	96,000	0	96,000
Mahadev Khola	140	467	560,000	304,505	113,450	418,921	14,413	10,645	144,130	106,450	250,580	3	144,000	0	144,000
Kotkhu	308	1027	1,232,000	463,026	182,760	647,911	23,500	16,736	235,000	167,360	402,360	4	192,000	0	192,000
Lubbu	163	543	652,000	309,226	111,520	421,870	14,616	10,337	146,160	103,370	249,530	3	144,000	0	144,000
Thika Bhairaw-I	621	2070	2,484,000	868,956	444,010	1,317,251	60,432	41,296	604,320	412,960	1,017,280	4	192,000	0	192,000
Thika Bhairaw-II	110	367	440,000	311,086	114,570	426,415	15,422	10,907	154,220	109,070	263,290	3	144,000	0	144,000
	2,160	7200	8,640,000	4,016,378	1,463,380	5,494,662			1,939,730	1,355,380	3,295,110		1,824,000	13	1,824,000

			Materi	al Cost for I	nformation I	aper		Fuel (Diese	:0	
Scheme	Area (ha.)	กos of unit		50	Rs/year		30	1/month/10	Oha.x2cars	
			nos	LC	FC	Total	Lit	LC	FC	Total
		0,3		35	15	50	30	0	12	12
Bishmambhara	115	0	383	13,417	5,750	19,167	35	0	828	828
Boshan	153	o	510	17,850	7,650	25,500	46	0	1,102	1,102
Daksinkali	84	0	280	9,800	4,200	14,000	25	0	605	605
Indrayani	126	0	420	14,700	6,300	21,000	38	0	907	907
Shali Nadl	196	0	653	22,867	9,800	32,667	59	. 0	1,411	1,411
Bidol	40	0	133	4,667	2,000	6,667	12	0	288	288
Katunje	50	0	167	5,833	2,500	8,333	15	0	360	360
Kutudhal	54	٥	180	6,300	2,700	9,000	16	0	389	389
Mahadev Khola	140	0	467	16,333	7,000	23,333	42	0	1,008	1,008
Kotkhu	308	0	1027	35,933	15,400	51,333	92	0	2,218	2,218
Lubhu	163	0	543	19,017	8,150	27,167	49	a	1,174	1,174
Thika Bhairaw-I	621	0	2070	72,450	31,050	103,500	186	0	4,471	4,471
Thika Bhairaw-II	110	o	367	12,833	5,500	18,333	33	0	792	792
	2,160		1	252,000	108,000	360,000			15,552	15,552

Table 6-8 Summary of Project Cost

(unit: 1,000NRs)

	1st.year			2nd.year			3rd.year			TOTAL		
Scheme	l.C	FC	tota1	LC	FC	total	, LC	FC	total	LC	FC	lotal
Bishmambhara	806	1,880	2,686	10,931	7,993	18,924	0	0	0	11,737	9,873	21,610
Boshan	833	1,942	2,775	9,663	7,292	16,955	3,729	2,568	6,297	14,225	11,802	26,027
Daksinkali	743	1,734	2,477	9,980	7,457	17,437	0	0	0	10,723	9,191	19,914
Indrayani	756	1,764	2,520	10,294	7,452	17,746	0	0	0	11,050	9,216	20,266
Shali Nadi	1,056	2,462	3,518	12,547	8,891	21,438	4,912	3,181	8,093	18,515	14,534	33,049
Bidol	515	1,201	1,716	8,411	3,777	12,188	0	0	0	8,926	4,978	13,904
Katunje	380	887	1,267	5,112	3,810	8,922	0	0	0	5,492	4,697	10,189
Kutudhal	515	1,201	1,716	7,010	5,077	12,087	0	0	0	7,525	6,278	13,803
Mahadev Khola	1,323	3,087	4,410	17,910	13,152	31,062	0	0	0	19,233	16,239	35,472
Kotkhu	1,860	4,337	6,197	21,272	15,560	36,832	9,180	6,046	15,226	32,312	25,943	58,255
Lubhu	1,317	3,075	4,392	18,140	12,814	30,954	0	0	0	19,457	15,889	35,346
Thika Bhairaw-I	4,029	9,399	13,428	42,260	30,591	72,851	38,269	24,939	63,208	84,558	64,929	149,487
Thika Bhairaw-II	1,216	2,838	4,054	15,346	10,895	26,241	4,468	3,167	7,635	21,030	16,900	37,930
Total	15,349	35,807	51,156	188,876	134,761	323,637	60,558	39,901	100,459	264,783	210,469	475,252

Table 6-9 (1/3) Annual Disbursement Schedule

(Unit: 1,000NRs.)

Bishwambha 1 Constructi a Intake b Canal c Canal Structi 2 Engineers 3 Admini. C 4 Cost for p sub-t 5 Continger	ı ra ion Cost	LC										(Unit: 1	
1 Construction a Intake b Canal c Canal Struction 2 Engineers 3 Admini. C Cost for p sub-t	i ra ion Cost		Ist.year FC	total	LC i	2nd.year FC	total	LC	3rd.year FC	total	LC	TOTAL FC	total
1 Construction a Intake b Canal c Canal Struction 2 Engineers 3 Admini. C 4 Cost for p sub-times.	ion Cost	140	rc rc	total	LL	I.C	total	I.C	PC.	total	LC	rc .	totan
a Intake b Canal c Canal Stru Engineers Admini. C Cost for p sub-t	ion cost			- 1	8,798	6,466	15,264	o	0	o	8,798	6,466	15,264
b Canal c Canal Stru 2 Engineers 3 Admini. C 4 Cost for p sub-t	1				116	173	289	0	ő	ŏ	116	173	289
c Canal Stru 2 Engineers 3 Admini. C 4 Cost for p sub-t					7,379	5,199	12,578	0	ŏ	ŏ	7,379	5,199	12,578
2 Engineers 3 Admini. C 4 Cost for p sub-t	uotura			- 1	1,303	1,094	2,397	0	o o	a	1,303	1,094	2,397
3 Admini. C 4 Cost for p sub-t		256	598	854	64	150	214	Ŭ	ĭ	٦	320	748	1,068
4 Cost for p		550	1,282	1,832	137	321	458				687	1,603	2,290
sub-t	rocuring O&M eq		17502	1,052	497	562	1,059				497	562	1,059
_ :		806	1,880	2,686	9,496	7,499	16,995	0	0	o	10,302	9,379	19,681
			0	2,000	264	194	458	ő	ŏ	ő	264	194	458
5 Continger sub-t		806	1,880	2,686	9,760	7.693	17,453	o	0	ñ	10,566	9,573	20,139
		0.00%	0.00%	2,000	12,00%	3,90%	11,100	25,44%	7.95%	Ĭ	10,200	,,	,
6 Price Esca	anation	0	0.00	o	1,171	300	1,471	0	0	0	1,171	300	1,471
	TOTAL	806	, -	2,686	10,931	7,993	18,924	0	0	Ö	11,737	9,873	21,610
	701110	455	1,555	,	7.1,2.2.1	.,,	· · /· ·	,				· · · · · · · · · · · · · · · · · · ·	
Boshan													
1 Construct	ion Cost				7,577	5,631	13,208	2,771	2,041	4,812	10,348	7,672	18,020
a Intake	ion cost				1,113	867	1,980	0	0	0	1,113	867	1,980
b Canal					5,776	4.107	9,883	2,476	1,760	4,236	8,252	5,867	14,119
c Canal Str	ucture				688	657	1,345	295	281	576	983	938	1,921
2 Engineers		265	618	883	76	176	252	38	88	126	379	882	1,261
3 Admini. C		568	1,324	1,892	162	379	541	81	189	270	811	1,892	2,703
	procuring O&M eq		.,,	, , , ,	586	663	1,249			1	586	663	1,249
sub-total		833	1,942	2,775	8,401	6,849	15,250	2,890	2,318	5,208	12,124	11,109	23,233
5 Phisical C	Contiguen 3%		0	0	227	169	396	83	61	144	310	230	540
sub-total		833	1,942	2,775	8,628	7,018	15,646	2,973	2,379	5,352	12,434	11,339	23,773
6 Price Esca	alation	0,00%	0.00%	•	12.00%	3.90%		25.44%	7.95%				
		0	0	0	1,035	274	1,309	756	189	945	1,791	463	2,254
TOTAL		833	1,942	2,775	9,663	7,292	16,955	3,729	2,568	6,297	14,225	11,802	26,027
	,												
Daksinkali										1			
I Construct	tion Cost				8,026	6,045	14,071	0	0	0	8,026	6,045	14,071
a Intake			i		399	313	712	0	0	0	399	313	712
b Canal	·				6,868	5,027	11,895	0	0	0		5,027	11,895
c Canal Str	ucture				759	705	1,464	0	0	0	759	705	1,464
2 Engineers		236		788	59	138	197				295	690	985
3 Admini, C		507	1,182	1,689	127	295	422				634	1,477	2,111
	procuring O&M eq				458	518	976	,	ا ا		458	518	976
sub-total		743	1,734	2,477	8,670	6,996	15,666		0	0		8,730	18,143
5 Phisical C	Contiguen 3%		0	Q	241	181	422	0	0	0		181	422
sub-total		743	1,734	2,477	8,911	7,177	16,088		0	0	9,654	8,911	18,565
6 Price Esc.	alation	0,00%	0,00%		12.00%	3.90%		25,44%	7.95%		1.000	000	1 740
		0	0	0 477	1,069	280	1,349 17,437	0	0	0	1,069	280 9,191	1,349 19,914
TOTAL		743	1,734	2,477	9,980	7,457	17,457				10,723	7,171	17,717
Tuduanaut													
Indrayani	·· O				0 107	6004	14,311	0	o	o	8,287	6,024	14,311
1 Construct	tion Cost		1		8,287 462	6,024 404	866			Ö		404	866
a Intake			1		6,766	4,568			0	ŏ		4,568	11,334
b Canal			1 !		1,059	1,052	2,111	Ιŏ		ŏ		1,052	2,111
c Canal Str 2 Engineers		241	561	802	1,039	1,032	200		Ĭ	. •	301	701	1,002
2 Engineers 3 Admini. (515		1,718		300	429				644	1,503	2,147
_ *************************************	cost procuring O&M ed		1,20,3	1,/10	466	527	993				466	527	993
sub-total	procuring Occiving	756	1,764	2,520	8,942	6,991	15,933	1	0	0		8,755	18,453
5 Phisical C	Contiguen 3%		1	2,320	249	181	430			ŏ		181	430
sub-total	Somuguen 370	756	1	2,520		7,172	16,363	I .	ő	Ö		8,936	
	alation	0.00%		2,1,20	12.00%	3.90%		25,44%	7	. "			
- 1 HCG 1250	matteri .	0.007/0	1	0		280			1	0	1,103	280	1,383
i e		756		2,520		7,452	17,746			.0		9,216	
TOTAL		<u> </u>			3 44 4			1					10
TOTAL					** .] :				"		
TOTAL Shali Nadi	tion Cost			:	9,862	6,809	16,671	3,655	2,519	6,174	13,517	9,328	22,845
Shali Nadi	4001	1			1,335					. 0	1,335	930	
Shali Nadi 1 Construct				ļ	7,692	5,142			2,203	5,500		7,345	
Shali Nadi					835	737	1,572			674		1,053	2,246
Shali Nadi 1 Construct a Intake b Canal	ructure		Į.										
Shali Nadi 1 Construct a Intake b Canal c Canal Str		336	783	- 1.119		224	320	48	112	160	480	1,119	1,599
Shali Nadi 1 Construct a Intake b Canal c Canal Str 2 Engineer	s Cost	336 720			96		320 685	1	1 1	160 343			
Shali Nadi 1 Construct a Intake b Canal c Canal Str 2 Engineers 3 Admini.	s Cost Cost	. 720	1,679		96 206	479	685	103				1,119	3,427
Shali Nadi 1 Construct a Intake b Canal c Canal Str 2 Engineers 3 Admini. 6 4 Cost for p	s Cost Cost procuring O&M ec	. 720 uipment	1,679	2,399	96 206 743	479 841	685 1,584	103	240		1,029 743	1,119 2,398	3,427 1,584
Shali Nadi 1 Construct a Intake b Canal c Canal Str 2 Engineer: 3 Admini. (4 Cost for p	s Cost Cost procuring O&M ed	. 720 uipment 1,056	1,679 2,462		96 206 743	479 841 8,353	685 1,584 19,260	103 3,806	240 2,871	343	1,029 743 15,769	1,119 2,398 841	3,427 1,584 29,455
Shali Nadi 1 Construct a Intake b Canal c Canal Str 2 Engineer: 3 Admini. (4 Cost for p sub-total 5 Phisical (s Cost Cost procuring O&M ec	720 uipment 1,056	1,679 2,462 0	2,399 3,518 0	96 206 743 10,907 296	479 841 8,353 204	685 1,584 19,260 500	103 3,806 110	240 2,871 76	343 6,677 186	1,029 743 15,769 406	1,119 2,398 841 13,686 280	3,427 1,584 29,455 686
Shali Nadi 1 Construct a Intake b Canal c Canal Str 2 Engineer: 3 Admini. (4 Cost for p sub-total 5 Phisical (sub-total	s Cost Cost procuring O&M ec	720 uipment 1,056 0	1,679 2,462 0 2,462	2,399 3,518 0 3,518	96 206 743 10,907 296 11,203	479 841 8,353 204 8,557	685 1,584 19,260 500 19,760	3,806 110 3,916	240 2,871 76 2,947	343 6,677	1,029 743 15,769 406	1,119 2,398 841 13,686 280	3,427 1,584 29,455 686
Shali Nadi 1 Construct a Intake b Canal c Canal Str 2 Engineer: 3 Admini. (4 Cost for p sub-total 5 Phisical (s Cost Cost procuring O&M ec	720 uipment 1,056	2,462 0 2,462 0,00%	2,399 3,518 0 3,518	96 206 743 10,907 296 11,203	479 841 8,353 204 8,557 3,90%	685 1,584 19,260 500 19,760	3,806 110 3,916 25,44%	240 2,871 76 2,947 7,95%	343 6,677 186	1,029 743 15,769 406 16,175	1,119 2,398 841 13,686 280 13,966	3,427 1,584 29,455 686 30,141

(Unit: 1,000NRs,)

		<u> </u>	1st.year		<u></u>	2nd.year	<u>-</u>	·	3rd.year			TOTAL	,000NRs.)
		LC	FC	total	LC	FC	total	LC	FC	total	LC	FC	total
Bido	l		i										
1	Construction Cost				6,858	2,890	9,748	0	0	0	6,858	2,890	- ,, ,,
	Intake				201	172	373	0	0	0	201	172	1 -,,,
. "	Canal				3,104	2,369	5,473	0	0	0	3,104	2,369	-,
	Canal Structure	154	202	546	3,553 41	349 95	3,902 136	"	. "	۷	3,553 205	349 477	-,,,,
2	Engineers Cost	164 351	382 819	1,170	88	204	292				439	1,023	682 1,462
3	Admini. Cost Cost for procuring O&M eq		017	1,170	317	359	676				317	359	676
4	sub-total	515	1,201	1,716	7,304	3,548	10,852	0	ol	0	7,819	4,749	12,568
5	Phisical Contiguen 3%	0	0	0	206	87	293	ō	ōl	o	206	87	293
ا ا	sub-total	515	1,201	1,716	7,510	3,635	11,145	0	o	0	8,025	4,836	
6	Price Escalation	0.00%	0,00%	,	12,00%	3.90%	· 1	25,44%	7.95%				,
-		0	0	0	901	142	1,043	0	0	0	901	142	1,043
	TOTAL	515	1,201	1,716	8,411	3,777	12,188	0	0	0	8,926	4,978	13,904
TZ n.t.	um la												
Katı	Construction Cost				4,112	3,087	7,199	o	o	0	4,112	3,087	7,199
	Intake				239	203	442	ol	0	ő	239	203	442
	Canal				3,404	2,489	5,893	o	ō	ō	3,404	2,489	
_	Canal Structure				469	395	864	o	o	0	469	395	864
2	Engineers Cost	121	282	403	30	71	101				151	353	504
3	Admini. Cost	259	605	864	65	151	216				324	756	1,080
4	Cost for procuring O&M eq	uipment			234	265	499				234	265	499
	sub-total	380	887	1,267	4,441	3,574	8,015	0	이	0	4,821	4,461	9,282
5	Phisical Contiguen 3%	0	0	0	123	93	216	0	0	0	123	93	
ĺ	sub-total	380	887	1,267	4,564	3,667	8,231	0	0	. 0	4,944	4,554	9,498
6	Price Escalation	0,00%	0,00%		12.00%	3.90%	601	25,44%	7,95%		F 40		٠.,
	TOTAL	0 380	0 887	1,267	548 5,112	143 3,810	691 8,922	0	0	0	548 5,492	143 4,697	691 10,189
<u> —</u>	TOTAL	360	007	1,207	5,112	2,010	0,724				2,122	1,001	10,102
Kut	udhal												
1	Construction Cost				5,644	4,105	9,749	o	o	0	5,644	4,105	9,749
a	Intake		4		316	242	558	0	0	0	316	242	
b	Canal				4,541	3,243	7,784	0	0	0	4,541	3,243	7,784
С	Canal Structure				787	620	1,407	0	0	0	787	620	
2	Engineers Cost	164	382	546	41	95	136			:	205	477	682
3	Admini. Cost	351	819	1,170	88	204	292				439	1,023	
4	Cost for procuring O&M eq	1 - ,			317	359	676	_			317	359	676
_	sub-total	515	1,201	1,716	6,090	4,763	10,853	0	0	0	6,605	5,964	
5	Phisical Contiguen 3%	0	1 001	0	169	123	292	0	0	0	169	123	
,	sub-total	515	1,201	1,716	6,259	4,886	11,145	0	0	0	6,774	6,087	12,861
6	Price Escalation	0.00%	0,00%.	0	12,00% 751	3,90% 191	942	25,44%	7,95%	0	751	191	942
·	TOTAL	515	1,201	1,716	7,010	5,077	12,087	0	0	0		6,278	
	adev Khola		•					_		_			
	Construction Cost				14,413	10,645		0	0	0	14,413	10,645	
	Intake				1,833	1,514	3,347	0	0	0	1,833	1,514	
	Canal		. •		10,643	7,279	17,922	0	0	0	10,643	7,279	
	Canal Structure	421	000	1 402	1,937	1,852	3,789	0	o	0	1,937	1,852	
3	Engineers Cost Admini, Cost	421 902	982 2,105	1,403 3,007	105 226	246 526	351 752				526 1,128	1,228 2,631	3,759
	Cost for procuring O&M eq		2,103	/ ۱۹۷۷ د	815	922	1,737				815	922	
7 .	sub-total	1,323	3,087	4,410	15,559	12,339	27,898	o	o	0	16,882	15,426	
- 5	Phisical Contiguen 3%	0	0,007	0	432	319	751	ŏ	ő	.0		319	1
	sub-total	1,323	3,087	4,410		12,658	28,649	Õ	o	0	,	15,745	
6	Price Escalation	0.00%	0,00%		12,00%	3.90%		25.44%	7.95%	[
15.7		0	0	0	1,919	494	2,413	0	0	0	1,919	494	2,41
	TOTAL	1,323	3,087	4,410	17,910	13,152	31,062	0	0	0	19,233	16,239	35,472
T7 41									ĺ				1 10 1
Kotk					er een		00.55	ا ا			00.00	10 806	10.00
	Construction Cost			edi Je	16,653	11,899	28,552	6,847	4,837	11,684	23,500	16,736	4
	Intake			Tee a	674	612		6172	4 101	10.252	674 20,575	612 13,937	1 '
	Canal Canal Structure		•		14,403 1,576	9,756 1,531	24,159 3,107	6,172 675	4,181 656	10,353 1,331	20,575	2,187	
	Engineers Cost	592	1,380	1,972	169	394		85	197	282	846	1,971	1
	Admini. Cost	1,268	2,957	4,225	362	845	1,207	181	422	603	1,811	4,224	
			2,707	7,440	1,309	1,481	2,790	101	722	50,5	1,309	1,481	2,790
	Cost for procuring O&M eq					14,619	33,112	7,113	5,456	12,569	27,466	24,412	
4	Cost for procuring O&M eq sub-total		4.337	6.197	[8.493]								
4	sub-total	1,860 0	4,337 0	6,197 0	18,493 500							502	
4 5		1,860 0	0	0	500	357	857	205	145	350	705	502	1,20
4 5	sub-total Phisical Contiguen 3%	1,860					857						1,20
4 5	sub-total Phisical Contiguen 3% sub-total	1,860 0 1,860	0 4,337	0	500 18,993	357 14,976	857	205 7,318	145 5,601	350	705	502	1,20 53,08

Table 6-9 (3/3) Annual Disbursement Schedule

(Unit: 1,000NRs.)

			1			2 d			7-4			TOTAL	,
			1st.year			2nd.year		LC	3rd.year FC	4-1-1	LC	FC	total
		LC	FC	total	LC	FC	total	LC	- FC	total	LU	rc	юш
		-		l		1		j	1				
Lub	hu _			i		10.000	04050				14616	10,337	24,953
, L	Construction Cost		1		14,616	10,337	24,953	0	0	0	14,616	- 1	
а	Intake				1,538	1,063	2,601	0	0	0	1,538	1,063	2,601
b	Canal			1	11,729	7,931	19,660	0	0	0	11,729	7,931	19,660
c	Canal Structure			1	1,349	1,343	2,692	0	0	0	1,349	1,343	2,692
2	Engineers Cost	419	979	1,398	105	244	349				524	1,223	1,747
3	Admini, Cost	898	2,096	2,994	225	524	749				1,123	2,620	3,743
4	Cost for procuring O&M eq	uioment			812	918	1,730				812	918	1,730
"	sub-total	1,317	3,075	4,392	15,758	12,023	27,781	0	ol	0	17,075	15,098	32,173
١,	Phisical Contiguen 3%	0	0	0	438	310	748	0	ol	0	438	310	748
5	I littleter Carringan	1,317	3,075	4,392	16,196	12,333	28,529	ō	ő	0	17,513	15,408	32,921
ĺ.	sub-total	0.00%	0,00%	4,092	12.00%	3.90%	20,027	25,44%	7.95%	*	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,,,
6	Price Escalation	0,0,7%	0,000	ol	1,944	481	2,425	23.47.0	0	0	1,944	481	2,425
<u> </u>	mom A I	1,317	3,075	4,392	18,140	12,814	30,954	0			19,457	15,889	35,346
	TOTAL	1,517	2,073	7,572	10,140	12,01-1	D0,D07				.,,	,	
	ca Bhairaw I					İ							
1-					32,116	21,909	54,025	28,316	19,387	47,703	60,432	41,296	101,728
1	Construction Cost				6,647		11,060	2,848	1,891	4,739	9,495	6,304	15,799
-	Intake		1			4,413	37,323	1 1	14,700	37,322	45,245	29,400	74,645
	Canal				22,623	14,700		22,622		5,642	5,692	5,592	11,284
C	Canal Structure				2,846	2,796	5,642	2,846	2,796			-	
2	Engineers Cost	1,282	2,991	4,273	427	997	1,424	427	997	1,424	2,136	4,985	7,121
3	Admini. Cost	2,747	6,408	9,155	916	2,136	3,052	916	2,136	3,052	4,579	10,680	15,259
4	Cost for procuring O&M eq				3,310	3,744	7,054				3,310	3,744	7,054
	sub-total	4,029	9,399	13,428	36,769	28,786	65,555	29,659	22,520	52,179	70,457	60,705	131,162
5	Phisical Contiguen 3%	0	0	0	963	657	1,620	849	582	1,431	1,812	1,239	3,051
ļ	sub-total	4,029	9,399	13,428	37,732	29,443	67,175	30,508	23,102	53,610	72,269	61,944	134,213
6	Price Escalation	0,00%	0,00%		12,00%	3,90%		25,44%	7,95%				
		. 0	0	0	4,528	1,148	5,676	7,761	1,837	9,598	12,289	2,985	15,274
	TOTAL	4,029	9,399	13,428	42,260	30,591	72,851	38,269	24,939	63,208	84,558	64,929	149,487
Thil	ka Bhairaw II										1.5.400	10.007	26,329
1	Construction Cost				12,133	8,452	20,585	3,289	2,455	5,744	15,422	10,907	
P	Intake	1			4,459	2,725	7,184		0	0	4,459	2,725	7,184
l t	Canal				6,854	5,023	11,877	2,938	2,153	5,091	9,792	7,176	16,968
(: Canal Structure	[820	704	1,524		302	653	1,171	1,006	2,177
2	Engineers Cost	387	903	1,290		258	369	55	129	184		1,290	1,843
3	Admini, Cost	829	1,935	2,764	237	553	790		276	395		2,764	3,949
4	Cost for procuring O&M ed	uipment			857	969	1,826				857	969	1,826
	sub-total	1,216	2,838	4,054	13,338	10,232	23,570	3,463	2,860	6,323	18,017	15,930	33,947
5	Phisical Contiguen 3%	, .		0	364	254	618	99	74	173	463	328	791
Ĭ.	sub-total	1,216	-	4,054		10,486	24,188	3,562	2,934	6,496	18,480	16,258	34,738
6	Price Escalation	0.00%	0,00%	.,02-7	12,00%	3,90%	,	25,44%	7.95%	[
١ů	i nee Escaiadoll	0.00	0,000	o		409	2,053	906	233	1,139	2,550	642	3,192
ı	TOTAL	1,216		4,054	15,346	10,895	26,241	4,468	3,167	7,635	21,030	16,900	37,930

Figures



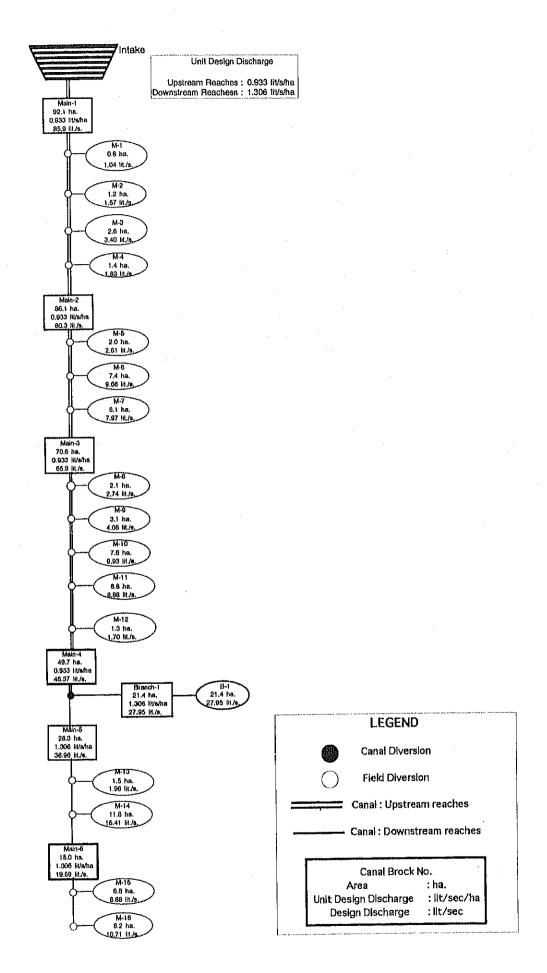


Fig.3.2-1 Proposed Irrigation Diagram (Biswambhara)

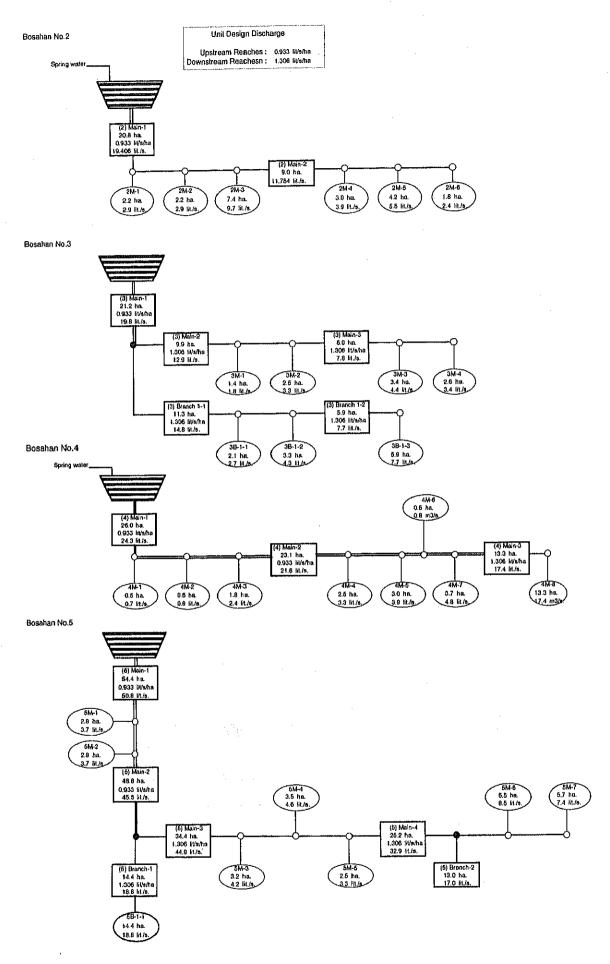
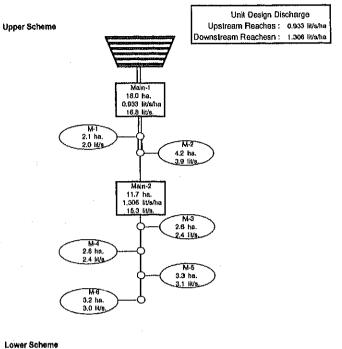


Fig. 3.2-2 Proposed Irrigation Diagram (Bosan)



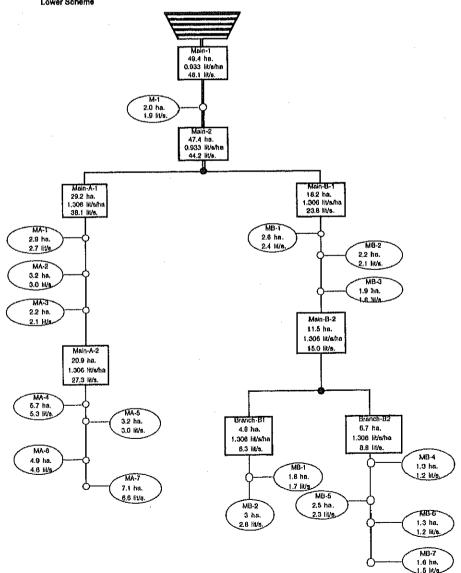


Fig.3.2-3 Proposed Irrigation Diagram (Dhakshinkari)

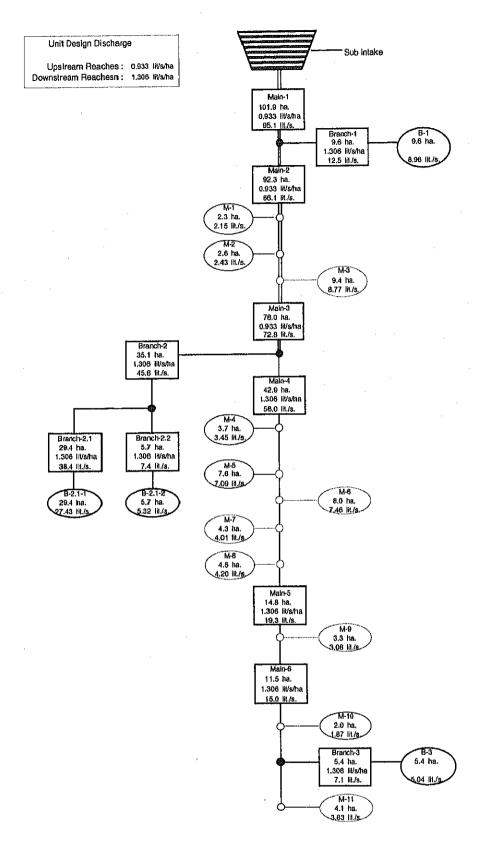


Fig. 3.2-4 Proposed Irrigation Diagram (Indrayani)

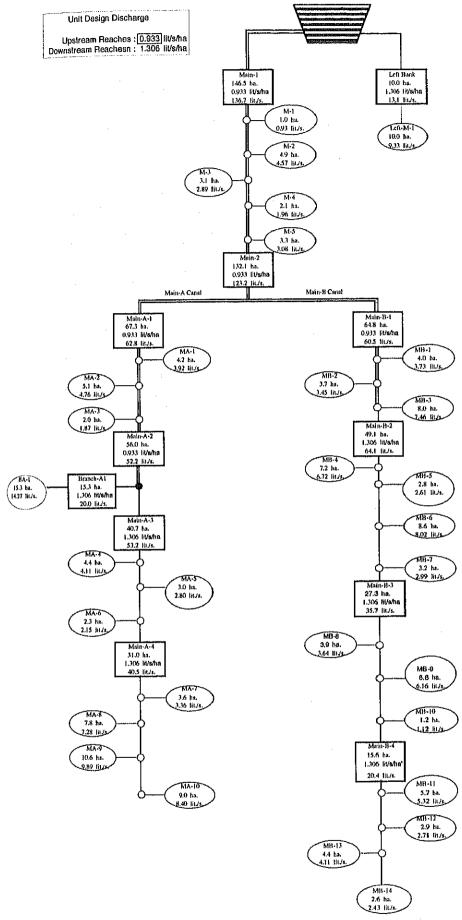


Fig. 3.2-5 Proposed Irrigation Diagram (Shali Nadi)

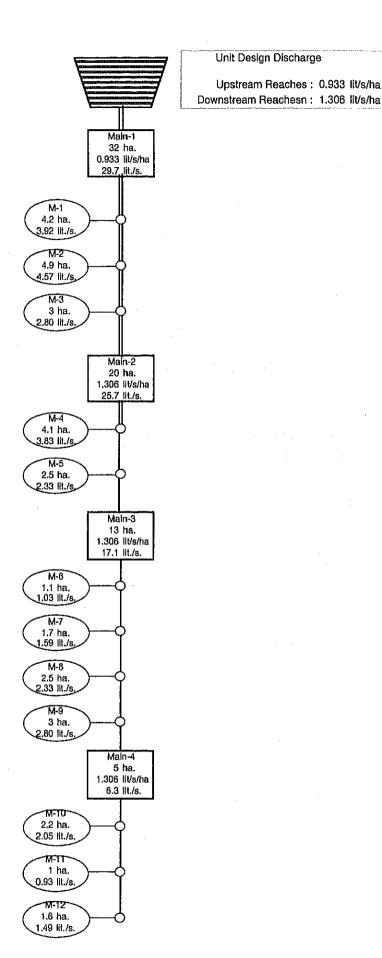


Fig. 3.2-6 Proposed Irrigation Diagram (Bidol)

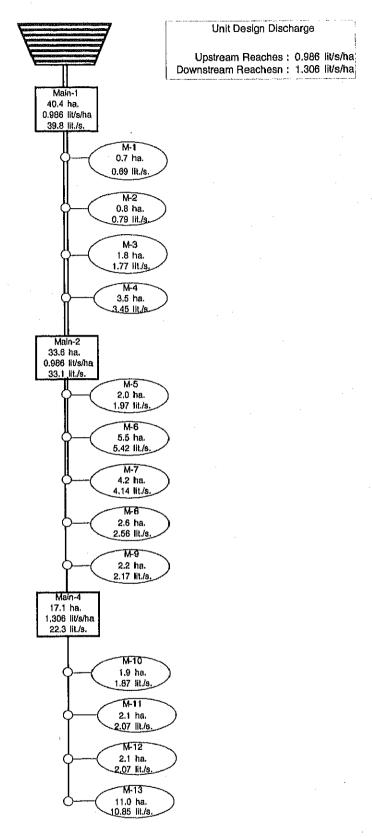


Fig. 3.2-7 Proposed Irrigation Diagram (Katunje)

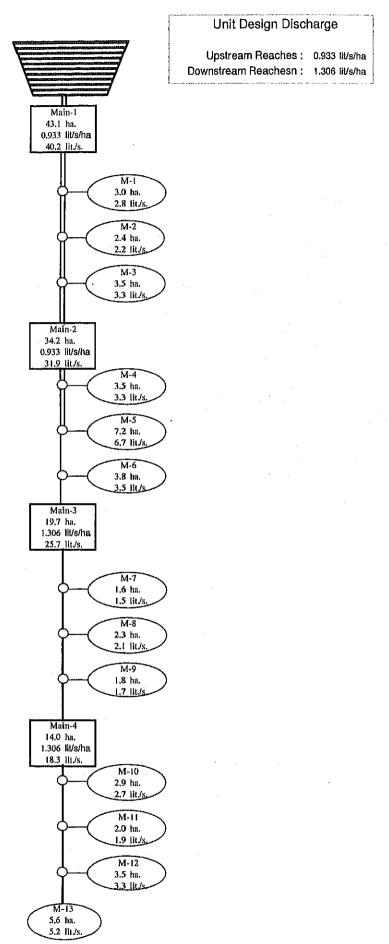


Fig.3.2-8 Proposed Irrigation Diagram (Kutudhal)

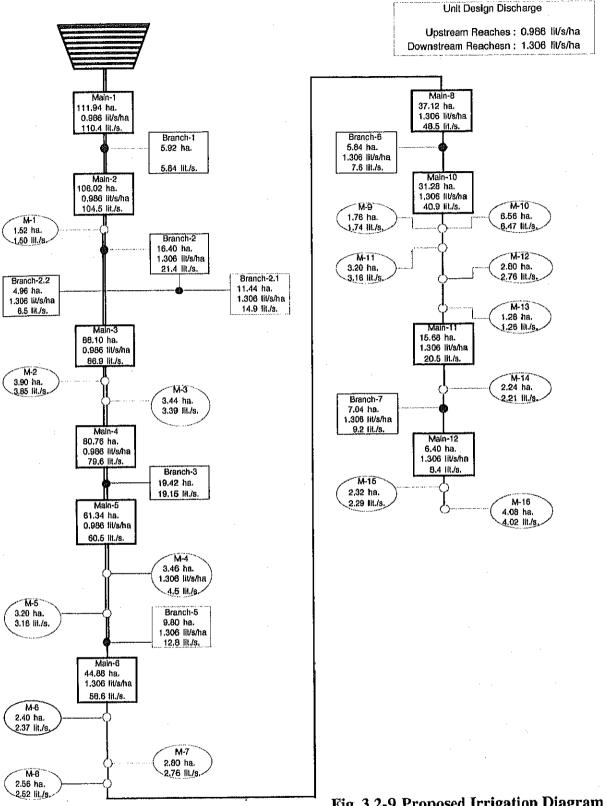


Fig. 3.2-9 Proposed Irrigation Diagram (Mahadev Khola)

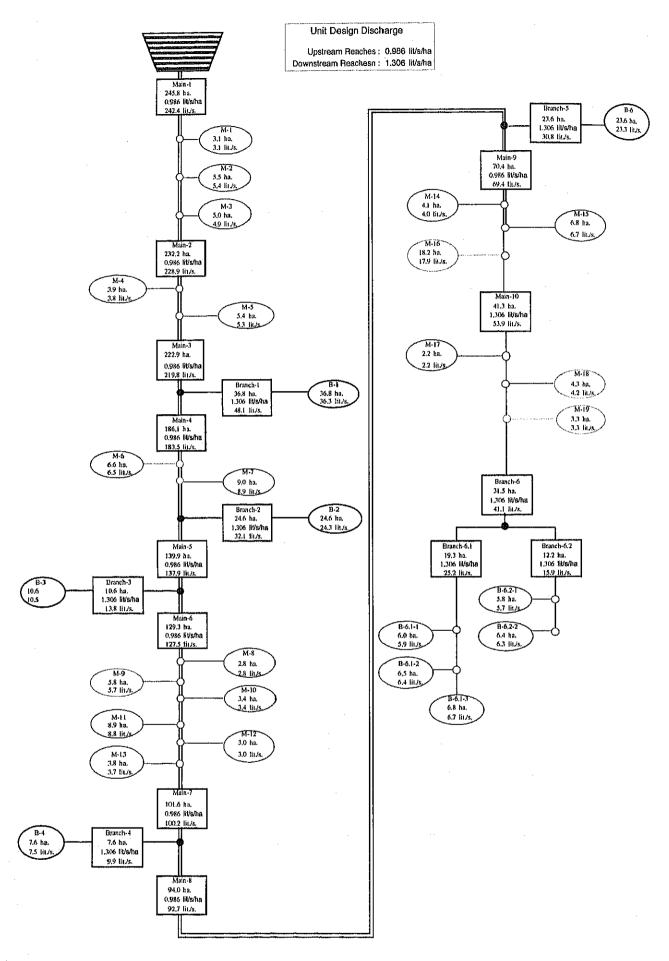


Fig. 3.2-10 Proposed Irrigation Diagram (Kotkhu)

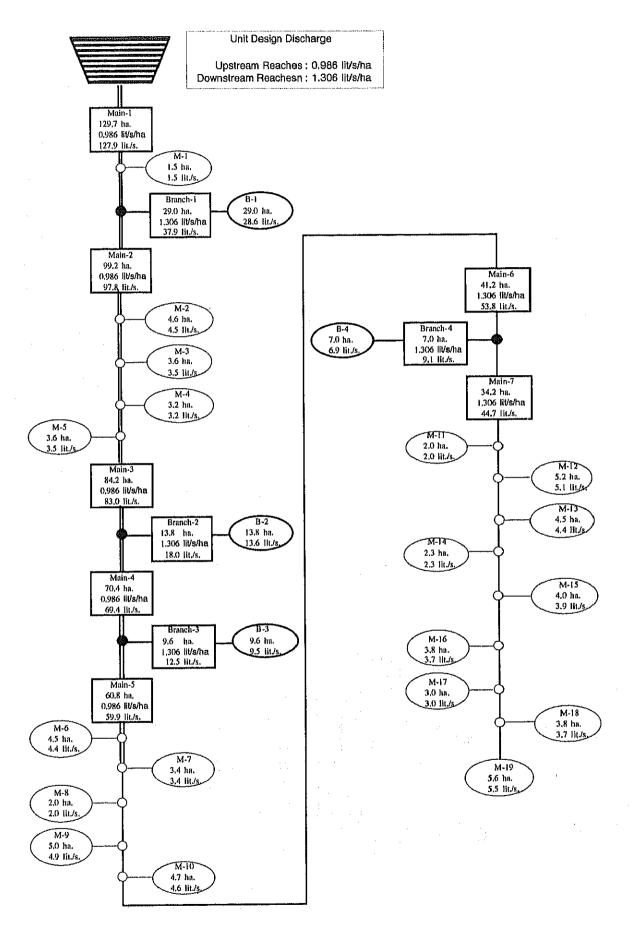


Fig. 3.2-11 Proposed Irrigation Diagram (Lubhu)

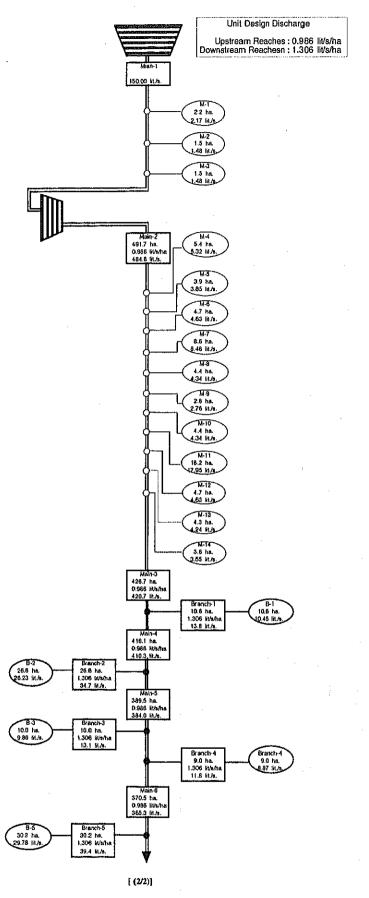


Fig. 3.2-12 Proposed Irrigation Diagram (1/2) (Thika Bhairaw-I)

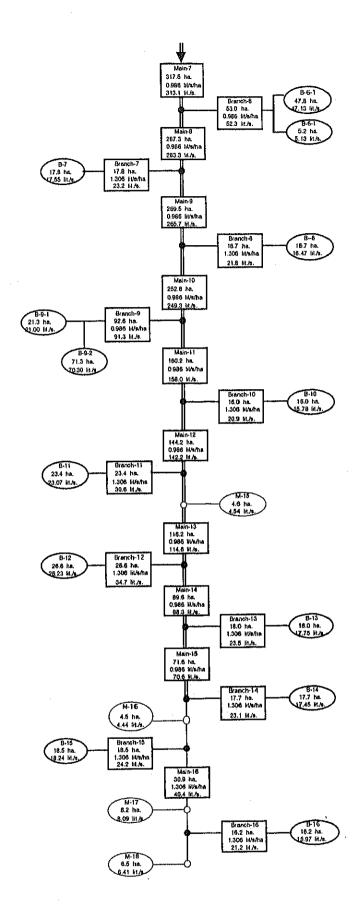


Fig.3.2-12 Proposed Irrigation Diagram
(Thika Bhairaw-I) (2/2)

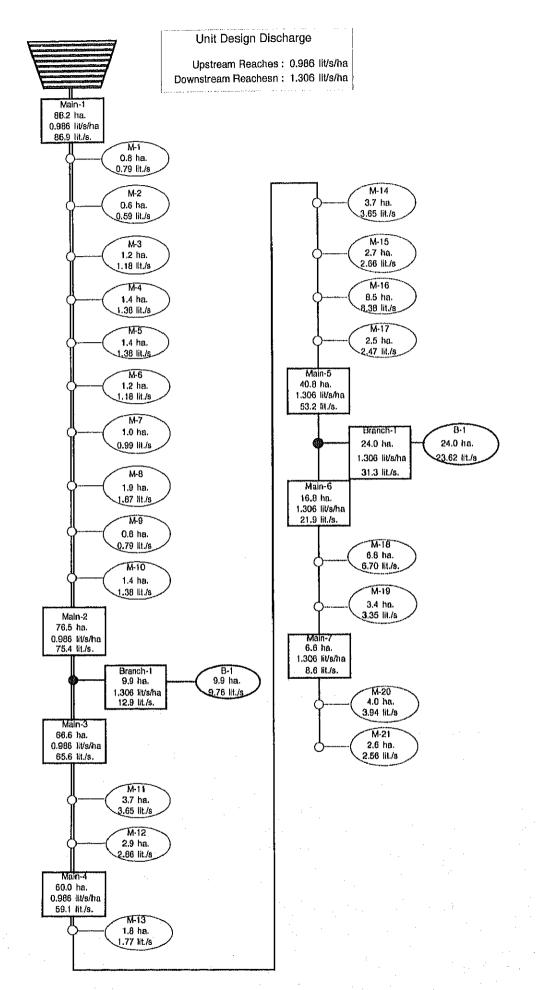


Fig. 3.2-13 Proposed Irrigation Diagram (Thika Bhairaw II)