

# Structure of Shallow Well System (1/2)

Shallow Well

Section

Plan

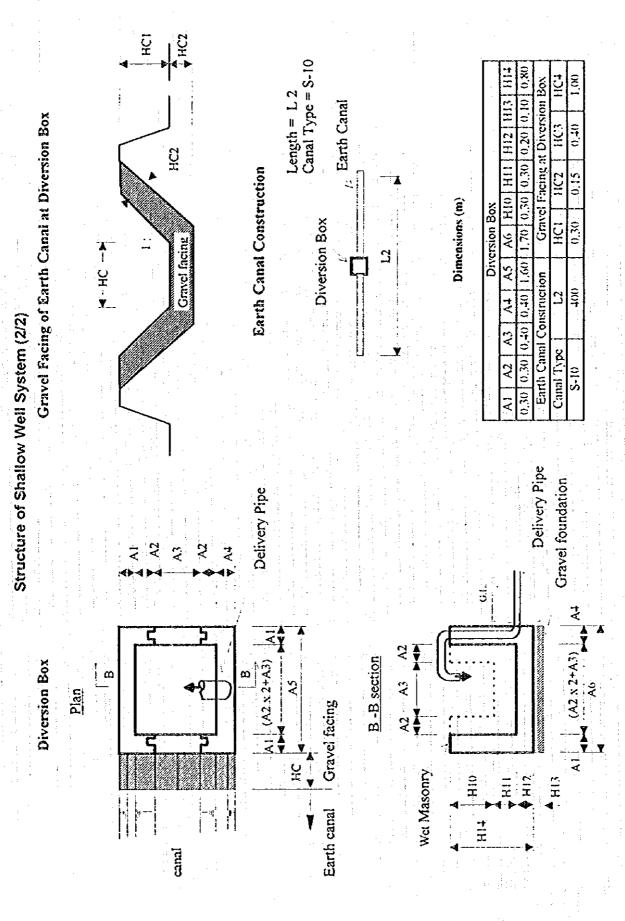
Delivery Pipe Length = L1 Pump with motor or concrete Liner Plate Pump with motor Gmvel ≶ Backfill

Dimensions (m)

					'n	Norre	Shallow Wells	
3	I M	W2	Н	H2	H3	H2	Pumping Capacity (1/s)	WI W2 HI H2 H3 H2 Pumping Capacity (I/s) Material of side wall
7,8	Type 1 3.50 1.00 1.00 6.00 1.00	(X)	œ.	00.9	00'1	9	15	Liner Plate d=3.5 m
1/26.2	Type 2 1.00 1.00 1.00 6.00 1.00	8.	8.	6.00	00.1	9	15	Concrete pipe d=1.0 m
Lengt	Length of Delivery Pipe	incry F	odi,	וו	20	OX.		

Shallow Well Page 2

1



Shallow Well Page 3

#### BQ of Shallow Well System (1/2)

Shallow	Well	Type	1
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hallow Well Type 1			
Description	Unit	Quantity	Equations
Civil Works  Excavation (machine)	m³	614.0	3.14*((W1.2-W2)-2-(W1.2-W2-0.6*(H2-H3)-2)-2*(H2-H3) (Shallow well)
Excavation (manual) Total	m³ m³	1.6 1.6	A5*A6*(H11+H12+H13) (Diversion Box)
Wet Masonry	m³	1.5	A5*A6*H14-(A2*2-A3)*(A2*2-A3)*(H10-H11)-2*A1*A3*A10 (Diversion Box)
Backfill (machine)	m³	538.7	3.14*((W1/2+W2)^2+(W1/2+W2+0.6*(H2+H3)/2)/2*(H2-H3) -(W1/2+T)^2*3.14*(H2+H3) (Shallow well)
Gravel foundation	m³	9.6 0.3	
Total	m <sup>3</sup>	9.9	
Gravel surfacing	m2	1.0	(HC1*2+HC3)*HC4 (Diversion Box)
Delivery pipe works Earth canal construction	1 4 4 4	200.0 400.0	1.2
Rental fee for Crane Liner Plate Unit	day Unit	1	
Power supply facility (for e	lectri unit		distribution line 100m, sub-station, miscellaneous work
Pumping facilities Pump facility	Uni	1.0	Volute Pump with motor discharge 15 1 sec. total head 20 m

#### BQ of Shallow Well System (2/2)

Shallow Well Type 2

31141	low Mell Tybe 7	-	handara and a said	
	Description	Unit	Quantity	Equations
Civi	Works			
	Excavation (machine	m <sup>3</sup>	381.8	3.14*((W1 2-W2) 2-(W) 2-W2-0.6*(H2-H3) 2) 2*(H2-H3)
1			:	(Shallow well)
	Excavation (manual)	m³	1.6	
	Total	m <sup>3</sup>	1.6	( )
	10101	1111	1.0	
	Concrete pipe placing	m	8.0	H1+H2+H3 (Shallow well)
	Wet Masonry	m <sup>3</sup>	1,5	A5*A6*H14-(A2*2-A3)*(A2*2-A3)*(H10-H11)-2*A1*A3*A10
		1 .	:	(Diversion Box)
	Backfill (machine	m³	371.0	3.14*((W1.2-W2))2-(W1.2-W2-0.6*(H2-H3), 2) 2*(H2-H3)
		1 .		(W1 2-T) 2*3.14*(H2-H3) (Shallow well)
	Gravel foundation	m³	0.8	3.14*(W1/2)^2*H3 (Shallow well)
	Ofaver roundation	m <sup>3</sup>	0.3	A5*A6*H13 (Diversion Box)
				A3. A0. U13 (Direction pox)
	Total	m <sup>3</sup>	1.1	
	4.1.5			
	Gravel surfacing	m2	1.0	(HC1*2+HC3)*HC4 (Diversion Box)
1 .				[1] "自己在我们的事情,但是这些人的人,是我也不是有
	Delivery pipe works	ni	200.0	
	Earth canal construction	n m	400.0	
1	Rental fee for Crane	day	6.0	preparation 3days. operation 3days
1				
Pow	er supply facility (for o	electric	։ քսութ)	
	Electric facility	unit	1.0	distribution line 100m, sub-station, miscellaneous works
Pun	ping facilities			
	Pump facility	Unit	1.0	Volute Pump with motor
				discharge 15 I sec. total head 20 m
1 1			1	

#### Cost Estimation of Shallow Well System (1/4)

(1) Type 1-E, Liner Plate	d= 3.5m,	with electri	c motor pum	p, 15 liter/se	ec
Description	Unit	Quantity	Unit Price	Amount	Remarks
Civil Works				0 0	
Excavation (machine)	m3	614.0	116.40	71.465	
Excavation (manual)	m3	1.6	30.61	50	
Wet Masonry	m3	1.5	917.08	1,379	
Dry Masonry	m3		313.39	. 0	
Concrete pipe placing	m l		1,685.09	0	
Backfill (machine)	m3	538.7	81.5		
Backfill (manual)	m3		15.38	0	
Sand fill	m3		264.44	0	•
Gravel surfacing	m2	1.0	367.96		
Gravel foundation	m3	9.9	206.60	2.043	
Earth Canal construction	m	400.0	24.00	9,600	
Temporary Drain Work	day	15.0	1909.00	28,635	İ
Liner Plate	Unit	1.0	<u> </u>	558,000	·
	m	200.0	327.16		d= 100 mm
Delivery pipe works	L.S	200.0	327.10		20% of direct cost
Others	L.S	]			15% of direct cost
Transportation	1				
	L.S	1.00	4.4	40 721	5 % of Civil work cos
Temporary works for civil work		6.0	8,000.00		liner plate inst.
Rental fee for Crane	day	0.0	6,000.00	10.000	inica prato mat
Sub-total	(Civil wo	l rks & Tempora	ry works etc.)	1.092.136	for 20 years
	1 1		* *		
(for 1 year)	2.1		.1	(54.607)	for I year
Electric distribution facilities					
Electric facility	'unit	1.0	268,000	268,000	
Others	L.S	1		1 1 1	20% of direct cost
Transportation	L.S			40,200	15% of direct cost
Sub-total				361,800	for 20 years
(for 1 year)				(18,090)	for I year
Pumping facilities		1			
Pump facility (electric)	set	1.0	429,000.00	429,000	
Installation	L.S				20% of direct cos
Transportation	LS			64,350	15% of direct cos
Sub-total					for 10 years
Jav-totai					
(for 1 year)				(57.915	) for 1 year
(ioi i year)				``````	<u> </u>
Total (construction cost)	1	1		2.033.080	<b>,</b>

#### Cost Estimation of Shallow Well System (2/4)

(2) Type 2-E, Concrete pip Description	Unit	Quantity	Unit Price		Remarks
Civil Works					Talenta Investigation of the Control
Excavation (machine)	m3	381.8	116.40	44,441	
Excavation (manual)	m3	1.6	30,61	190	i
Wet Masonry	m3	1.5	917.08	. 46	
Dry Masonry	m3		313.39	0	1
Concrete pipe placing	nı	8.0	1685.09	13,481	
Concrete pipe	m	8.0	3,000	24,000	
Backfill (machine)	m3	371.0	81.5	30.238	
Backfill (manual)	m3		15.38	0	
Sand fill	m3		264.44	0	
Gravel surfacing	m2	1.0	367.96	368	
Gravel foundation	m3	1.1	206.6	. 218	
Earth Canal	m	400.0	24	9,600	
Temporary Drain Work	dav	15.0	1909.00	28,635	·
Delivery pipe works	m	200.0	327.16	65,432	d= 100 mm
Others	L.S		1	43,330	20% of direct cost
Transportation	L.S			32,497	15% of direct cost
Temporary works for civil work	L.S	1.00		14,624	5 % of Civil work co.
Rental fee for Crane	dav	6.0	8,000.00	48,000	concrete pipe inst.
Sub-total		ks & Tempora	1		for 20 years
(for 1 year)				(17,755)	for 1 year
	5				
lectric distribution facilities		+ <b>4</b>			
Electric facility	unit	1.0	268,000	268,000	
Others	L.S			53,600	20% of direct cost
Transportation	L.\$			40,200	15% of direct cost
Sub-total				361.800	for 20 years
(for I year)				(18,090)	for I year
umping facilities					
Pump facility (electric)	set	1.0	429.000.00	429,000	
Installation	L.S			85,800	20% of direct cost
Transportation	L.S				15% of direct cost
Sub-total					for 10 years
(for 1 year)				(57.915)	for I year
Total				1,296,050	

#### Cost Estimation of Shallow Well System (3/4)

(3) Type 2-D, Liner Plate of	l= 3.5m,	with diesel	motor pump.	15 liter/sec	and the second s
Description	Unit	Quantity	Unit Price	Amount	Remarks
Civil Works					:
Excavation (machine)	m3	614.0	116.40	71,465	
Excavation (manual)	m3	1.6	30.61	50	
Wet Masonry	m3	1.5	917.08	1,379	
Dry Masonry	m3		313.39	0	
Concrete pipe placing	m		1,685.09	0	
Backfill (machine)	m3	538.7	81.50		
Backfill (manual)	m3	i	15.38	. 0	
Sand fill	m3	Λ.	264.44	. 0	
Gravel surfacing	m2	1.0	367.96	:	
Gravel foundation	m3	9.9	206.60	2.043	
Earth Canal construction	· m	400.0	24.00	9,600	
Temporary Drain Work	dav.	15.0	1909.00	28,635	
Liner Plate	Unit	1.0	558,000.00	558,000	
Delivery pipe works	m	200.0	327.16	65,432	d= 100 mm
Others	L.S			147,321	20% of direct cost
Transportation	LS			110,491	15% of direct cost
Temporary works for civil work	L.S	1.00		49,721	5 % of Civil work cos
Rental fee for Crane	day	6.0	8,000.00	48,000	liner plate inst.
Sub-total		ks & Tempora			for 20 years
(for 1 year)	1			(54,607)	for I year
Pumping facilities					1
Pump facility (diesel)	set	1.0	299,000.00	299,000	
Installation	L.S				20% of direct cost
Transportation	LS				15% of direct cost
Sub-total	,			403,650	
(for I year)				(40.365)	for I year
(101 # 7001)				,,,,,,,	
Total				1,495,786	

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#### Cost Estimation of Shallow Well System (4/4)

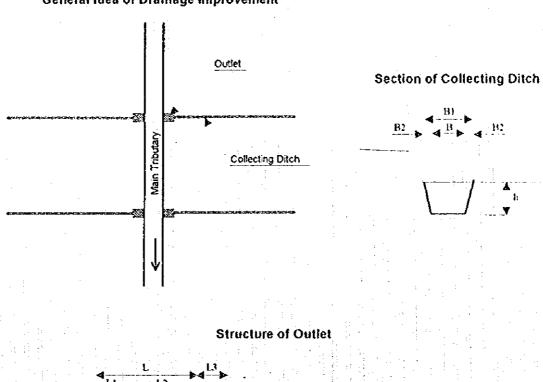
(4) Type 3.D. Concrete pi	pe d= 1.0	m. with dies	el motor pun	p. 15 liter/s	ndic montheriore force was homogeneous comments and the contract of the contra
Description	Unit	Quantity	Unit Price	Amount	Remarks
Civil Works					
Excavation (machine)	m3	381.8	116.40	44,441	
Excavation (manual)	m3	1.6	30.61	190	
Wet Masonry	m3	1.5	917.08	46	
Dry Masonry	m3		313.39	0	
Concrete pipe placing	m	8.0	1.685.09	13.481	
Concrete pipe	nı	8.0	3,000	24.000	
Backfill (machine)	m3	371.0	81.50	30,238	1
Backfill (manual)	m3		15.38	0	
Sand fill	m3	:	264.44	0	1
Gravel surfacing	m2	1.0	367.96	368	
Gravel foundation	m3	1.1	206.60	218	,
Earth Canal	m	400.0	24.00	9,600	
Temporary Drain Work	day	15.0	1909.00	28.635	
Delivery pipe works	m	200.0	327.16	65,432	d= 100 mm
Others	LS				20% of direct cost
Transportation	L.S				15% of direct cost
			A SAN TANK		
Temporary works for civil work	LS	1.00		14,624	5 % of Civil work cost
Rental fee for Crane	day	6.0	8,000,00	48,000	concrete pipe inst.
Sub-total	-	ks & Temporai	v works, etc.)		for 20 years
		l , you also I		1	
(for 1 year)				(17.755)	for I year
		4			
Pumping facilities					
Pump facility (diesel)	set	1.0	299,000,00	299,000	
Installation	LS				20% of direct cost
Transportation	LS				15% of direct cost
Sub-total	16.3				for 10 years
(for I year)				(40.365)	for I year
				(10.20.)	
Total				758.750	

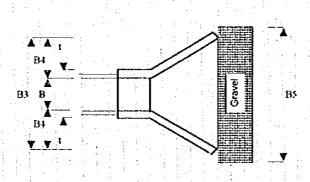
#### O/M Cost of Shallow Well System

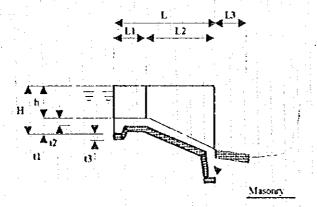
Description	Unit	Quantity	Unit Price	Amount	Remarks
Annual O/M Cost for Sha	llow V	Vell Syste	m with El	ectric Pum	p
	kWh	7,920.0	0.5		for 1 month use year
Spare parts cost etc. (A= 5% x		0.05		6,500	for I year/pump
Technical support (1 person f		1.0	1,200	1,200	for I year/ Sub-area
Annual O/M Cost for Sha			em with Di	esel Pump	,
Diesel consumption	  liter Vh.x.2	   2,376 4 hrs x 30	7.83 days x 0.3	18,604 liter/kWh)	for 1 month use/year
Spare parts cost etc. (A= 5% x		0.05	130,000		for 1 year/pump
Technical support (1 person f		1.0	1,200	1,200	for I year/ Sub-area

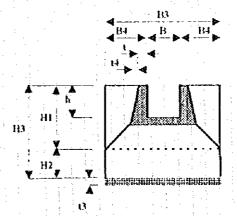
### (12) Preliminary Design of Drainage System General Idea and Structures

#### General Idea of Drainage Improvement









#### BQ of Drainage System (1/4)

Drainage System	Type	D1	Max	imum Des	ign Discl	arge	270	Vs	
		23021010202	Dim	ensions (	11)				
В	Bi	B2	B3	BI	B5	Н	HI	H2	113
0.50	0.70	0.10	5.30	2.40	5,50	1.10	3.00	0,60	3,60
h	L	Ll	L2	L3	(	ţi,	12	13	14
0.60	3.00	0.60	2.40	0.60	0.30	0.50	0.30	0.15	0.10
Item	Unit	Quantity				Equation		markini dalamini dalam	11. 11. 11. 11. 11. 11. 11. 11. 11. 11.
Collecting Ditch (fo	r 1m)								
Excavation	m³	0,360		(B1+B)/2	*h			·	
Outlet (for lunit)		·	•		••				
Excavation	m³	0.858	** :	L1*H*(B	+1*2+14*2	21			,
	m <sup>3</sup>	4.080		-		*H1)/2*L	,		
	; m³	0.495		L3*B5*t3	-	III pe L	<b>-</b>		
, s		1.305				+((B+t*2+	1#3\1 <b>D</b> 3	: :\/2*1-2\*i	. 2
T-4-1	m <sup>3</sup>	i . I		((DTU)2T	(4.2).61	r((Dvt·21	(4 ' 2 ) ' () .	9#2 (L21)	ι.,
Total	m	6,738						:	
Backfill	W <sub>2</sub>	0.027		(4*(h+12)	/2#1.1				
Dackilli		0.027 0.670		(t4*(h+t2		11 ( - 2 ) / 2 ) *	a state	,2,05	
	m³			(14*(11*12	)/24(4*(M	117(2)/2)	(62 7(64	-() )	
Total	m³	0.697						i i i i i i	
Wet Masonry	m'	0.312		ŽODIAŠŠI.	ONTERL.	IN DALVA			
Wei Masoniy	m <sup>3</sup>	0.216		((B+(*2+					
		25.056		((B+t*2+			(+14)*(111	+(2))/2*L	, <u>.</u> £
	កា <sup>3</sup>	-19.440		-(B*h+B.		.2			
	m³	0.636		H2*(t+t4)					
	m³	0.032		(11-12)*(1	+(4)/2*(B	+{}			
Total	m³	6.500							
		1 1							
Gravel	m³	0.495		L3*B5*(3	f garage		·		
	m³	1.305		((B+1*2+	(\$*2)*L1+	H((B+1*2+	(4*2)+B3	)/2*1.2)*(	3
Total	m³	1.800							

#### BQ of Drainage System (2/4)

Drainage System	Type	D2	Max	imum Des	ign Discl	rarge	200	1/s	
Petitini am kontros valo am sir pair (grape)	OF OUT WEST POST OF		Dim	ensions (r	n)				
В	BI	B2	B.3	B4	B.5	Н	HI	HO	113
().4()	0.60	0.10	4.40	2.00	4.60	-1,10	2.50	0.50	3,00
h	L	LI	L2	L3	t	tl.	12	13	14
0.60	2.50	0.50	2.00	0.60	0.30	0.50	0.30	()  5	0.10
ltem	Unit	Quantity				Equation			
Collecting Ditch (for	r Im)								÷
Excavation	m³	0.300		(B1+B)/2	*h				:
Outlet (for lunit)									
Excavation	m³ m³	0.660 2.700		L1*H*(B ((B+t*2+			.2		
1.0	, m³ ,	0.414		L3*B5*t3					
	m³.	0.930		((B+(*2+	t4*2)*L1	+((B+t*2+	+t4*2)+B	3)/2*L2)*	13
Total	: m <sup>3</sup>	4.704			1 .		•		
Backfill Total	m³ m³ m³	0.023 0.486 0.508		t4*(h+t2) (t4*(h+t2		{1+12)/2)*	*(L2 <sup>2</sup> +(B)	-t) <sup>2</sup> ) <sup>0.5</sup>	
Wet Masonry	m³	0.183	$\mathbb{F}_{\mathbb{F}_{+}}$	((B+t*2+	(4)/2*(h+	t1)-B*h)*	Ll		
	m³	15.270					2+(4)*(H	+(2)) 2*1	.2
	m,	-11 240	: :	(B*h+B.					
	m <sup>3</sup>	0.440	,; i !	H2*(1+t4		-		4 1 1	for the
	m <sup>3</sup>	0.028		((1-(2)*((			*:		
				((1-(2)'()	TL+)/2 (D	110	1		
Total	m³	4.681							
Gravel Total	m³ m³ m³	0.414 0.930 1.344		L3*B5*ti ((B+t*2+	4 4 4	+((B+t*2-	+t4*2)+B	3)/2*L2)*	ß
i Oldi	***	1						1341	

#### BQ of Drainage System (3/4)

Drainage System	Type	D3	THE PROPERTY OF THE PROPERTY O	imum De	CONTRACTOR AND ADDRESS OF THE PARTY AND ADDRES	harge	110	Vs	
			Companies administrative and Companies	ensions (		in the second		·	and the state of t
В	Bl	B2	B3	B4	B5	Н	HI	H2	H3
0.30	0.50	0.10	3.50	1.60	3.70	1.20	2.00	0.40	2.40
h	l	Ll	L2	L3	<u>t</u>	ţ]	(2		[-]
0.70	2.00	0.40	1.60	0.60	0.30	0.50	0.30	0.15	0.10
ltem	Unit	Quantity		*************	de escripcion deposit propriedo	Equation	·		
Collecting Ditch (fo	r 1m)								
Excavation	m <sup>3</sup>	0.280		(B1+B)/2	*h				
	1 1								• .
Outlet (for lunit)				:	:	•			
Excavation	m³	0.528	•	L1*H*(B	+(*2+(4*)	2)			:
4.74	m³	1.680	1	((B+1*2+	:4*21+B1	*H1)/2*L	2		
	m³	0.333		L3*B5*t3		,			
	m³	0.618				+(/R++*)+	11*214R3	s)/2*L2)*i	3
Total	m <sup>3</sup>	3.159		((D)(2)	(4 L) Di	.((0.1 2	te cyco.	.,,	:.• :1
10(4)	DEL :	3.139			i		·		•
Backfill	m <sup>3</sup>	0.020		t4*(h+t2)	/241.1				
Dackini	m <sup>3</sup>	0.020	· · f · · · · · · · · · · · · · · · · ·	(14*(h+12		i i i i i i i i i i i i i i i i i i i	a nauna	4.250.5	•
901	111	1	1	(14"(11742	//2*(+*(I)	11+(2)/2)*	(LZ *(D1	-() )	
Total	m³	0.360							
***			4						-
Wet Masonry	m'	0.156		((B+t*2+			4.7		
	m³	8.528		((B+t*2+			?+(4)*(H)	+(2))/2*L	.2
	m³	-5.768		-(B*h+B.		.2		1	
	m³	0.280		H2*(t+t4)	)/2*B3				
	m³	0.024		((1-12)*((	+(4)/2*(B	+i)			
Total	m³	3.220							;
			:	·		1.4.			5 - 1
Gravel	m³	0.333		L3*B5*t3	;		1344		
	m³	0.618		((B+1*2+	(4*2)*L1+	+((B+i*2+	(4*2)+B3	)/2*L2)*i	3
Total	m³	0.951	:				-		4 E
			+ 1 +			1 1 1			

#### BQ of Drainage System (4/4)

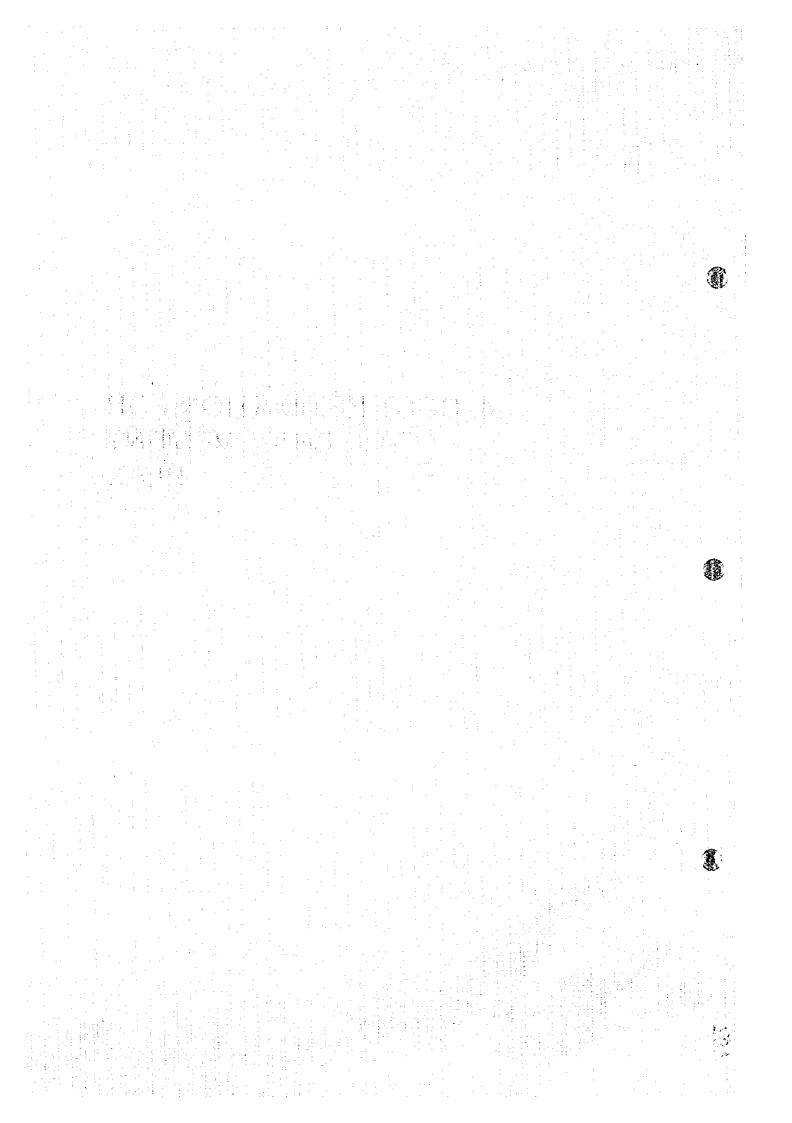
Drainage System	Type	D1	M-2012 C-2 P. P. P. 201	imum Des	ACA CHICAGOS	narge	55 55	1/5	\$- <b>0;8</b> -0 <b>:</b> 4
ong manang siya makan mandan kama panahan Sakanbah Ariba. Nabin Nabin Ariba.	and the second s	france and and	THE PERSON NAMED IN	ensions (t	the same and the same of			: T************************************	· · · · · ·
B	BI	B2	В3	B4	BS	Н	HI	H2	H3
0.30	0.50	0.10	2.70	1.20	2.90	0,80	1.50	.0.30	1.80
h	L	1.1	L2	L3		1]	12	13	14
0.30	1.50	0.30	1.20	0.60	0.30	0.50	(),3()	0.15	() <u>{</u> ()
Item	Unit	Quantity		agrama di semendanda mende des distri	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Equation	-		
Collecting Ditch (fo	r im) I								
Excavation	m³	0.120		(B1+B)/2	*h				
					-	:			
Outlet (for lunit)				•					
Excavation	m <sup>3</sup>	0.264		LI*H*(B	+(*2+(4*	2)			
	m <sup>3</sup> :	1.110		((B+t*2+	(4*2)+B1	*H1)/2*L	2		
	m <sup>3</sup>	0.261		L3*B5*t3					
÷.,	m <sup>3</sup>	0.392				+((B+(*2-	+14*2)+B	3)/2*L2)*i	.3
Total	m <sup>3</sup>	2.027		(12.12.2	2, 2.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		
Total	111	2.027				j	1 .		
Backfill	$\mathrm{m}^3$	0.009	•	14*(h+12)	/2*I 1		.41		
Dackini	m <sup>3</sup>		4.	(t1*(h+t2		112453/53	1/1 2-4/B	1 43-20 5	
		0.180		(14*(11+12	7/2*(1*(2	117123/23	(LZ T(D	(-1) )	
Total	m <sup>3</sup>	0.189		•		: - : 1-		in distribution of the second	
Wet Masonry	m³	0.093	. 1	((B+t*2+	(1)/2*(h+	t1)-B*h)*	LI .		
	m³	4,032		((B+t*2+	(4)*(h+t2	)+(B3+(*	2+(4)*(H	1+(2))/2*1	.2
	$m^3$	-2.484	-	-(B*h+B					1
	m³	0.162		H2*(1+14					
		0.024		((1-(2)*((		241)			
	m³			((1-12)-(1	. (4)/2°(E	, , ()			;
Total	m³	1.827							
Gravel	m³	0.261		L3*B5*t	3				
	m³	0.392	h i i i			+((B+i*)	+14*?)+B	3)/2*L2)*	13
Total	m <sup>3</sup>	0.653	1 - 1	((12-1-2-1	, .,	112.1.	., ., .		
Total	in t	0.653		: ii :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1

(i)

#### Unit Construction Cost of Drainage Facilities

Drainage System	DI	Maximum Des	ign Discharge	270	l/s
Description	Unit	Quantity	Unit Price	Aniount	Remark
Collecting Ditch (for 1m)					
Excavation	m3	0.360	30.61	11.02	E-1
Others	L.S			2.20	
Total					for Im
					1
Outlet (for Iunit)					<del> </del>
Excavation	m3	6.738	30.61	206	E-1
Backoll	m3	0.697	15.38	11	E-3
Wet Masonry	m3	6.500	917.08	5,96	
Gravel	m3	1.800	206.60		E-9
Others	LS		200.00	1.315	
Transportation	LS			1.184	<del> </del>
Total	LS			9.075	<del> </del>
10(3)				3,013	
				*****	
Drainage System	D2	Maximum Des		200	Vs
Description	Unit	Quantity	Unit Price	Amount	Remark
Collecting Ditch (for Im)				-	
Excavation	m3	0.300	30.61	9.18	E-1
Others	L.S	l		1.84	
Total				11.02	for Im
Outlet (for Lunit)					
Excavation	m3	4.704	30.61	144	E-1
Backtill	m3	0.508	: 15.38	8	E-3
Wet Masonry	m3	4.681	917.08	4.292	C-6
Gravel	m3	1.344	206.60	278	
Others	L.S			919	
Transportation	LS			854	
Total				6,547	-
Drainage System	Di	Maximum Deci	in Discharge	110	1/6
Drainage System	D3	Maximum Desi		110	Vs Democi
Description	D3 Unit	Maximum Desi Quantity	gn Discharge Unit Price	Amount	Vs Remark
Description Collecting Ditch (for In)	Unit	Quantity	Unit Price	Amount	Remark
Description Collecting Ditch (for Im) Excavation	Unit m3	A A AND DESCRIPTION OF STREET PROPERTY AND ADDRESS OF STREET		Amount 8.57	Remark
Description Collecting Ditch (for Im) Excavation Others	Unit	Quantity	Unit Price	Amount 8.57	Remark E-1
Description Collecting Ditch (for Im) Excavation	Unit m3	Quantity	Unit Price	Amount 8.57	Remark
Description Collecting Ditch (for 1m) Excavation Others Total	Unit m3	Quantity	Unit Price	Amount 8.57	Remark E-1
Description Collecting Ditch (for In) Excavation Others Total Outlet (for Iunit)	Unit	Quantity 0.280	Unit Price	Amount 8.57 1.71 10.28	Remark E-1 for Im
Description Collecting Ditch (for 1m) Excavation Others Total Outlet (for 1unit) Excavation	Unit in3 L.S	Quantity 0.280 0.280 3.159	Unit Price 30.61	Amount 8.57 1.71 10.28	Remark E-1 for 1 m E-1
Description Collecting Ditch (for 1a) Excavation Others Total Outlet (for 1unit) Excavation Backfill	Unit	Quantity 0.280 0.280 3.159 0.360	Unit Price 30.61 30.61 15.38	Anicunt 8.57 1.71 10.28	Remark E-1 for I m E-1 E-1
Description Collecting Ditch (for Im) Excavation Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry	Unit 113 L.S 113 113 113 113 113	Quantity 0.280 0.280 3.159 0.360 3.220	30.61 30.61 30.61 15.38 917.08	Amount  8.57 1.71 10.28  97 6 2.953	Remark E-1 for Im E-1 E-3 C-6
Description Collecting Ditch (for Im) Excavation Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel	0.03 L.S 0.03 0.03 0.03 0.03 0.03	Quantity 0.280 0.280 3.159 0.360	Unit Price 30.61 30.61 15.38	Anicunt  8.57 1.71 10.28  97 6 2.953 196	Remark E-1 for Im E-1 E-3 C-6
Description Collecting Ditch (for Im) Excavation Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others	03 LS 03 03 03 03 03 03	Quantity 0.280 0.280 3.159 0.360 3.220	30.61 30.61 30.61 15.38 917.08	8.57 1.71 10.28 97 6 2.953 196 654	Remark E-1 for Im E-1 E-3 C-6
Description Collecting Ditch (for In) Excavation Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation	0.03 L.S 0.03 0.03 0.03 0.03 0.03	Quantity 0.280 0.280 3.159 0.360 3.220	30.61 30.61 30.61 15.38 917.08	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589	Remark E-1 for Im E-1 E-3 C-6
Description Collecting Ditch (for Im) Excavation Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others	03 LS 03 03 03 03 03 03	Quantity 0.280 0.280 3.159 0.360 3.220	30.61 30.61 30.61 15.38 917.08	8.57 1.71 10.28 97 6 2.953 196 654	Remark E-1 for Im E-1 E-3 C-6
Description Collecting Ditch (for Im) Excavation Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total	03 LS 03 m3 m3 m3 LS LS	Quantity  0.280  3.159  0.360  3.220  0.951	30.61 30.61 30.61 15.38 917.08 206.60	97 6 2,953 196 654 589 4,516	Remark E-1 for Im E-1 E-3 C-6
Description Collecting Ditch (for In) Excavation Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation	03 LS 03 03 03 03 03 03	Quantity 0.280 0.280 3.159 0.360 3.220	30.61 30.61 30.61 15.38 917.08 206.60	97 10.28 97 6 2.953 196 654 589 4.516	Remark E-1 for Im E-1 E-3 C-6
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description	03 LS 03 m3 m3 m3 LS LS	Quantity  0.280  3.159  0.360  3.220  0.951	30.61 30.61 30.61 15.38 917.08 206.60	97 6 2,953 196 654 589 4,516	Remark E-1 for Im E-1 E-3 C-6 E-9
Description Collecting Ditch (for Ini) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System	013 LS 013 013 013 013 013 LS LS	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi	30.61 30.61 15.38 917.08 206.60	Anicunt  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516	Remark E-1 for I m E-1 E-3 C-6 E-9
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description	013 LS 013 013 013 013 013 LS LS	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi	30.61 30.61 15.38 917.08 206.60	Anicunt  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516	Remark  E-1  for I m  E-1  E-3  C-6  E-9
Description Collecting Ditch (for Im) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Im)	03 LS 03 m3 m3 m3 LS LS Unit	Quantity:  0.280  3.159 0.360 3.220 0.951  Maximum Desi Quantity:  0.120	30.61 30.61 15.38 917.08 206.60 gn Discharge Unit Price	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  555 Amount	Remark  E-1  for Im  E-1  E-3  C-6  E-9
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Im) Excavation Others	013 LS 013 013 013 013 013 013 LS LS	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120	30.61 30.61 15.38 917.08 206.60 gn Discharge Unit Price	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  \$55 Amount	Remark  E-1  for Im  E-1  E-3  C-6  E-9  Vs  Remark
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Im) Excavation	03 LS 03 m3 m3 m3 LS LS Unit	Quantity:  0.280  3.159 0.360 3.220 0.951  Maximum Desi Quantity:  0.120	30.61 30.61 30.61 15.38 917.08 206.60 gn Discharge Unit Price 30.61	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  \$55 Amount	Remark  E-1  for Im  E-1  E-3  C-6  E-9
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Im) Excavation Others Total	03 LS 03 m3 m3 m3 LS LS Unit	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120	30.61 30.61 30.61 15.38 917.08 206.60 gn Discharge Unit Price 30.61	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  \$55 Amount	Remark  E-1  for Im  E-1  E-3  C-6  E-9  Vs  Remark
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Int) Excavation Others Total	Unit  113 L S 113 113 113 113 113 113 113 113 113 11	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120	30.61 30.61 15.38 917.08 206.60 gn Discharge Unit Price	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  55 Amount  3.67 0.73 4.41	Remark  E-1 for Im  E-1 E-3 C-6 E-9  Vs Remark  E-1 tor Im
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit)	Unit  113 L S 103 103 103 103 103 103 103 104 105 L S 106 106 107 108 108 108 108 108 108 108 108 108 108	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120	30.61 30.61 30.61 30.61 30.61 30.61	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  55 Amount  3.67 0.73 4.41	Remark  E-1 for Im  E-1 E-3 C-6 E-9  Vs Remark  E-1 tor Im
Description Collecting Ditch (for Im) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Im) Excavation Others Total  Outlet (for Iunit)	Unit  113 L S 103 103 103 103 103 103 104 105 L S 106 106 107 108 108 108 108 108 108 108 108 108 108	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120  2.027  0.189	30.61 30.61 15.38 917.08 206.60 201.00 206.60 201.00 206.60	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  55 Amount  3.67 0.73 4.41	Remark  E-1 for Im  E-1 E-3 C-6 E-9  Vs Remark  E-1 tor Im
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Outlet (for Int) Excavation Backfill Wet Masonry	Unit  113 L S 103 103 103 103 103 103 104 105 L S 106 106 107 108 108 108 108 108 108 108 108 108 108	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120  2.027  0.189  1.827	30.61 30.61 15.38 917.08 206.60 201.08 205.60 30.61 15.38 917.08	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  \$55 Amount  3.67 0.73 4.41	Remark  E-1  for Im  E-1  E-3  C-6  E-9  Vs  Remark  E-1  ior Im
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Others Total  Outlet (for Int) Excavation Backfill Wet Masonry Gravel	Unit  113 L S 103 103 103 103 103 103 104 105 L S 106 106 107 108 108 108 108 108 108 108 108 108 108	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120  2.027  0.189	30.61 30.61 30.61 15.38 917.08 206.60 201 201 30.61 30.61 15.38	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  \$55 Amount  3.67 0.73 4.41 62 3.1.676 135	Remark  E-1 for Im  E-1 E-3 C-6 E-9  Vs Remark  E-1 tor Im
Description Collecting Ditch (for Im) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Im) Excavation Others Total  Outlet (for Iunit) Excavation Others Gravel Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others	Unit  113 L S 103 103 103 103 103 103 104 105 L S 106 107 108 108 108 108 108 108 108 108 108 108	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120  2.027  0.189  1.827	30.61 30.61 15.38 917.08 206.60 201.08 205.60 30.61 15.38 917.08	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  55 Amount  62 3.67 0.73 4.41 62 3.3 1.676 135	Remark  E-1  for Im  E-1  E-3  C-6  E-9  Vs  Remark  E-1  ior Im
Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Tunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Int) Excavation Others Total  Outlet (for Iunit) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation	Unit  113 L S 103 103 103 103 103 103 104 105 L S 106 106 107 108 108 108 108 108 108 108 108 108 108	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120  2.027  0.189  1.827	30.61 30.61 15.38 917.08 206.60 201.08 205.60 30.61 15.38 917.08	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  \$55  Amount  62 3.67 6.73 4.41 62 3.3 1.676 1.35 3.77 3.39	Remark  E-1  for Im  E-1  E-3  C-6  E-9  Vs  Remark  E-1  ior Im
Description Collecting Ditch (for Im) Excavation Others Total  Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others Transportation Total  Drainage System Description Collecting Ditch (for Im) Excavation Others Total  Outlet (for Iunit) Excavation Others Gravel Others Total Outlet (for Iunit) Excavation Backfill Wet Masonry Gravel Others	Unit  113 L S 113 113 113 113 113 113 113 113 113 11	Quantity  0.280  3.159  0.360  3.220  0.951  Maximum Desi Quantity  0.120  2.027  0.189  1.827	30.61 30.61 15.38 917.08 206.60 201.08 205.60 30.61 15.38 917.08	Amount  8.57 1.71 10.28  97 6 2.953 196 654 589 4.516  55 Amount  62 3.67 0.73 4.41 62 3.3 1.676 135	Remark  E-1  for Im  E-1  E-3  C-6  E-9  Vs  Remark  E-1  ior Im

# 4. COST ESTIMATION FOR THE IMPROVEMENT PLAN



#### (1) Project Cost Estimation for improvement of Water Management (1/2)

Canal Code	pair, mylymayanga Tay	Name	Command Area (ha)	Canal Length (km)	Design Discharge (1/s)
CI	Upp	er Lobeysa	61	7.1	180
Description	unit	Quantity	Unit Price	Amount	Remark
Diversion Works	unit	32	7.403	236.911	
O/M Cost	km	7.1	36,000	255.600	for 20 years
Miscellaneous	L.S.	The state of the s	The state of the s	98,502	for 20 years
Total	- State of the sta	<del></del>	tal de tratado en 1900, esta más de tentral de constituente de la cons	591.013	
ne sange sangernet pertendes Med Samuel and perfect inter-mediant/Allifon		<u> </u>	أجوالة والمتعادية المتعادية والمتعادية والمتعادية والمتعادية والمتعادية والمتعادية والمتعادية والمتعادية	and the second second section of the second	THE THE PERSON NAMED IN TH
for 1 years			ر به به در این در این در این در این به در این د این در این در در این در ای	29,551	enteres a regional de la companya d La companya de la companya del la companya del companya del la companya del la companya del la companya del la companya de la companya de la companya de la companya del la com
Canal Code		Name	Command Area (ha)	Canal Length (km)	Design Discharge (I/s)
;	1	er Lobeysa	300	8.1	860
C2	THE RESERVE AND ADDRESS.	t version market per page at a state of the Contract of	Unit Price	Amount	Remark
Description	unit	Quantity	AND THE RESIDENCE OF THE PARTY	868,565	AND RESIDENCE OF THE PARTY OF T
Diversion Works	unit	52	16,703		
O/M Cost	km	8.1	36,000		for 20 years
Miscellaneous	L.S.		o an industrial of the contract of the contrac		for 20 years
Total				1,392,198	nga gangapanga apangana mana ipan-make dian di alan disabah se 1873 di alik af 19 milian 1973.
for 1 years				69,610	
Canal Code		Name	Command Area (ha)	Canal Length (km)	Design Discharge (l/s)
C9	Ba	ajo Canal	143	15	380
Description	unit	Quantity	Unit Price	Amount	Remark
Diversion Works	unit	35	14,532	508,637	
O/M Cost	km	15	36,000		for 20 years
Miscellaneous	L.S.			209,727	for 20 years
Total			THE RESIDENCE AND PROPERTY OF THE PARTY OF T	1.258,364	
**************************************			· · · · · · · · · · · · · · · · · · ·		
for 1 years				62,918	
		gas Caller milespera relati (RP-0)			
Canal Code	***************************************	Name	Command Area (ha)	Canal Length (km)	Design Discharge (l/s) 240
C10		Phangul	Unit Price	Amount	Remark
Description Diversion Works	unit	Quantity 22	8,924	285,578	Bearing and the state of the st
	unit	32	36,000		for 20 years
O/M Cost	kın	16	30,000		for 20 years
Miscellaneous	L.S.			1,033,894	
Total				Apply to the state of the last	
				F1 (AF	
for 1 years			er gangang gland gergan van stags gans vinnedik Sellen Seland der 40 der 1904 – 1904 (1904 – 1904)	51,695	
Canal Code		Name	Command Area (ha)	Canal Length (km)	Design Discharge (Vs)
C15	L	Gemka	15	3.5	40
Description	unit	Quantity	Unit Price	Amount	Remark
Diversion Works	unit	12	Control of the Party of the Par		Type 7
O/M Cost	km	3,5	36,000		for 20 years
Miscellaneous	L.S.				for 20 years
Total	Ι			207,252	
renta periode de la productiva de la completa de l					
for 1 years			And the second s	10,363	
~ <del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	<u> </u>	<u> </u>			

#### (1) Project Cost Estimation for Improvement of Water Management (2/2)

Canal Code C18	1	Name Valakha	Command Area (ha) 29	Canal Length (km) 3.9	Design Discharge (Vs) 80
Description	unit	Quantity	Unit Price	Amount	Remark
Diversion Works	urut	20	5.939	118.778	
O/M Cost	km	3.9	36.000	140,400	for 20 years
Miscellaneous	L.S.	agt grapher er kier der der mer eine de	NEWSCHOOL OF THE PROPERTY OF T	51.836	for 20 years
Total		az, egy a fingliski film skiller skille film skille	k kantan pinta mengalan kantan menganan kantan pinta pantan bahan bahan bahan bahan dan bahan	311,014	te destruite de la company
ergyang, singa dikersahan dan kersahan dan kersahan dan kersahan dan kersahan dan kersahan dan kersahan dan ke	~F*,\\\	property publication of the Public and Alde America	Communication of the Communica	Server (CELLAN) pro-	
for I years		**************************************		15,551	
Canal Code	Calculation of the Control	Name	Command Area (ha)	Canal Length (km)	Design Discharge (Vs)
C19	-	Rutekha	40	2.2	110
Description	unit	Quantity	Unit Price	Amount	Remark
Diversion Works	unit	28	7,403	207.297	
O/M Cost	km	2.2	36,000		for 20 years
Miscellaneous	L.S.	The state of the s		57,299	for 20 years
Total				343,796	
for 1 years		agagement gamagalyasyasunu rahandasiasusan Pilis Alik Alika Maria alakisma mariak 1945-1945-1946-1946-1946-1946-1946-1946-1946-1946	en er de deut nederlands meist de jeder fin er regelent, stellt finde de bendelte die stellt de jede stellt de Departe er regelent de finde stellt de jede finde de beskelde de de stellt de de stellt de jede stellt de stell	17,190	
Canal Code		Name	Command Area (ha)	Canal Length (km)	Design Discharge (1/s)
Canal Code C20	B.4	aphekha	27	2,2	70
		Mark Street, St	Unit Price	Amount	Remark
Description	unit	Quantity 25	5.939	148.473	A COLUMN TO THE RESIDENCE OF THE PARTY OF TH
Diversion Works	unit	COLUMN TO SERVICE AND ADDRESS OF THE PARTY O	CONTRACTOR OF THE PROPERTY OF		for 20 years
O/M Cost	km	2.2	36.000		The same of the sa
Miscellaneous	L.S.		**************************************	THE RESIDENCE OF THE PARTY OF T	for 20 years
Total				273.207	agar agar gariga. 15 menungan paputan sari Samuji kembiran ke dindar sali kebali Salika dalam dalam Salika ber
for 1 years				13,660	
Canal Code C21	N:	Name Nykoyuwa	Command Area (ha)	Canal Length (km) 1.7	Design Discharge (I/s) 65
Description	unit	Quantity	Unit Price	Amount	Remark
Diversion Works	unit	20	THE RESERVE AND DESCRIPTIONS OF THE PERSON NAMED IN COLUMN 2 IN CO	118,778	Type 6
O/M Cost	km	1.7	36,000	61,200	for 20 years
Miscellaneous	L.S.				for 20 years
Total				215,974	
for 1 years				10,799	Angungi munipakapkan dangkalang gapung gapungkapan kanalandan daripaka telah dan bahasan pendalangkan dari dan Banggapangkan (1948) na 1958 n
Canal Code C22	M	Name Iaphekha	Command Area (ha) 28	Canal Length (km) 1.1	Design Discharge (Vs) 75
Description	unit	Quantity	Unit Price	Amount	Remark
Diversion Works	unit	16	THE RESERVE OF THE PROPERTY OF		Type 6
O/M Cost	km	1.1	. الد المحاليات المحالية المحا		for 20 years
Miscellaneous	L.S.				for 20 years
Total				161,547	
for 1 years			;	8,077	

#### (2) Cost Estimation of Canal Improvement Plan (1/5)

Canal Code C l	Name Upper Lobeysa	Command Area (ha) 61	Canal Length (km) 7.1	Design Disc 11	
Description	Unit	Quantity	Unit Price	Amount	Remarks
anal Works					
Masonry Canal Type M3	m	245.00	1.117.99	273,907	*
Earth Lining Canal Type S3		6,855.00	50.30	344,821	
Chute Type C5	m (high)	8.80	2,044.60	17.983	
Chute Type C6	m (high)	66.41	1.926.52	127,937	
Offize Works Type 05	unit	32.00	7,403.47	236,911	
Sub Total				1,001,564	
300 POLA	ľ			*	
rotection Works		:	1 1	j	
Protection Work Type PA4	·m	7.00	7,998.44	55,989	
Protection Work Type PB4	IR.	25.00	2,545.30	63.633	
Protection Work Type PC4	m)	25.00	6,715.60	167.890	
Protection Work Type PD4		133.20	1,347.38	179,171	
	m	3.60	4,949,40	17,818	4.
Steel Flume Aqueduct Type SFA4	10	5.00	1,460.09	7,300	
Pipe Canal Type PPC3	16	2.00		492,101	1
Sub Total		1.00		1	1
	1	ar in the		1,493,665	
otal Construction Cost				11.751.0015	The state of the state of
	1			20 873	for 20 years
OM Cost	L.S.		9	27.013	
				1 472 670	for 20 years
fotal Project Cost	:	19		1,323,336	101 10 10213
	1			776 1271	for I year
(for lyear)	1 :			(70.177)	1011,001
					for I year
resent OM Cost				71.701	V.index=39.8
Renovation	km	0.50	62.939.39		
OM	km	7.10	1.800.00	12,780	
Total		1 1		44,061	
				22.116	
Net Cest for Canal Improvement				32,116	for i year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Di	scharge (1 s)
C2	Lower Lobeysa	300	8.1	3	40
C2 Description					
C2 Description Canal Works	Lower Lobeysa Unit	300 Quantity	8.1 Unit Price	Amount	40 Remarks
C2 Description Canal Works Masonry Canal Type M1	Lower Lobeysa Unit m	300 Quantity 871.00	8.1 Unit Price 1.874.86	Amount 1,633,006	40 Remarks
C2  Description  Canal Works  Misonry Canal Type M1  Earth Lining Canal Type S1	Lower Lobeysa Unit m m	300 Quantity 871.00 7.229.00	8.1 Unit Price 1.874.86 86.18	Amount 1,633,006 622,995	40 Remarks
C2  Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1	Lower Lobessa Unit m m (high)	300 Quantity 871.00 7.229.00 99.55	8.1 Unit Price 1.874.86 86.18 2.976.54	1,633,006 622,995 296,319	40 Remarks
C2  Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3	Louer Lobeysa Unit  m m m (high) m (kigh)	300 Quantity 871.00 7.229.00 99.55 40.97	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24	5 Amount 1,633,006 622,995 296,319 101,257	40 Remarks
C2  Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1	Lower Lobessa Unit m m (high)	300 Quantity 871.00 7.229.00 99.55	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24	3,633,006 622,995 296,319 101,257 868,565	Remarks
C2  Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3	Louer Lobeysa Unit  m m m (high) m (kigh)	300 Quantity 871.00 7.229.00 99.55 40.97	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24	5 Amount 1,633,006 622,995 296,319 101,257	Remarks
C2  Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3  Offlake Works Type 01	Louer Lobeysa Unit  m m m (high) m (kigh)	300 Quantity 871.00 7.229.00 99.55 40.97	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24	3,633,006 622,995 296,319 101,257 868,565	Remarks
C2  Description  Canal Works  Misonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3  Offlake Works Type 01	Louer Lobeysa Unit  m m m (high) m (kigh)	300 Quantity 871.00 7.229.00 99.55 40.97 52.00	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18	5 Arnount 1,633,006 622,995 296,319 101,257 868,565 3,522,142	Remarks
Description  Canal Works  Missorry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3  Offlake Works Type 01  Sub Total	Louer Lobeysa Unit  m m m (high) m (kigh)	300 Quantity 871.00 7.229.00 99.55 40.97 52.00	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380	Remarks
Description  Canal Works  Masoury Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3  Offlake Works Type 01  Sub Total	Lower Lobeysa Unit  m m m (high) m (high) unit	300 Quantity 871.00 7.229.00 99.55 40.97 52.00	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380 91,473	40 Remarks
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3  Offlake Works Type 01  Sub Total  Protection Works  Protection Works Type PA1  Protection Work Type PB1	Lower Lobeysa Unit  m m m (high) m (high) writ	300 Quantity 871.00 7.229.00 99.55 40.97 52.00	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380 91,473 172,695	Remarks
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chute Type C1  Chute Type C3  Offlake Works Type 01  Sub Total  Protection Works  Protection Work Type PA1  Protection Work Type PB1  Protection Work Type PB1  Protection Work Type PC1	Louer Lobeysa Unit  m m m(high) m(high) wit  m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 21.50 23.10	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380 91,473 172,696 319,968	40 Remarks
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chuic Type C1  Chuic Type C3  Offlake Works Type 01  Sub Total  Protection Works  Protection Work Type PA1  Protection Work Type PB1  Protection Work Type PC1  Protection Work Type PD1	Lower Lobersa Unit  m m m(high) m(high) wit  m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 21.50 23.10 23.10	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380 91,473 172,696 319,968 56,727	Remarks
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chule Type C1  Chule Type C3  Offlake Works Type 01  Sub Total  Protection Works  Protection Work Type PA1  Protection Work Type PB1  Protection Work Type PC1  Protection Work Type PD1  Steel Flume Aqueduct Type SFA1	Lower Lobeysa Unit  m m m(high) m(high) wit  m m	300 Quantity 871.00 7.229.00 99.53 40.97 52.00 23.10 23.10 23.10 149.40	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7.476.15 2.141.68 9,780.60	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380 91,473 172,696 319,968 56,727 27,201	40 Remarks
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chuic Type C1  Chuic Type C3  Offlake Works Type 01  Sub Total  Protection Works  Protection Work Type PA1  Protection Work Type PB1  Protection Work Type PC1  Protection Work Type PD1	Lower Lobeysa Unit  m m m(high) m(high) unit  m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380 91,473 172,696 319,968 56,727	40 Remarks
Description  Canal Works Masonry Canal Type M1 Earth Lining Canal Type S1 Chute Type C1 Chute Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PB1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC	Lower Lobeysa Unit  m m m(high) m(high) unit  m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,386 91,473 172,696 319,968 56,727 27,207 870,454	Remarks
Description  Canal Works  Masonry Canal Type M1 Earth Lining Canal Type S1 Chute Type C1 Chute Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PB1 Protection Work Type PC1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total	Lower Lobeysa Unit  m m m(high) m(high) unit  m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount 1,633,006 622,995 296,319 101,257 868,565 3,522,142 202,380 91,473 172,696 319,968 56,727 27,201	Remarks
Description  Canal Works Masonry Canal Type M1 Earth Lining Canal Type S1 Chute Type C1 Chute Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PB1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC	Lower Lobeysa Unit  m m m(high) m(high) unit  m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1.633.006 622.995 296.319 101.257 868.565 3.522.142  202.386 91.473 172.696 319.966 56.727 27.207 870.453	40 Remarks
Description  Canal Works Masonry Canal Type M1 Earth Lining Canal Type S1 Chute Type C1 Chute Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PD1 Steel Flurne Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1.633.006 622.995 296.319 101.257 868.565 3.522.142  202.386 91.473 172.696 319.966 56.727 27.207 870.453	Remarks
Description  Canal Works Masonry Canal Type M1 Earth Lining Canal Type S1 Chute Type C1 Chute Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PD1 Steel Flurne Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost	Lower Lobeysa Unit  m m m(high) m(high) unit  m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,380 91,473 172,695 319,968 56,727 27,207 870,454 4,392,596	Remarks  Section 20 years
Description  Canal Works  Masonry Canal Type M1 Earth Lining Canal Type S1 Chule Type C1 Chule Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PC1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost  O M Cost	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,380 91,473 172,695 319,968 56,727 27,207 870,454 4,392,596	40 Remarks
Description  Canal Works  Masonry Canal Type M1 Earth Lining Canal Type S1 Chute Type C1 Chute Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PB1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,380 91,473 172,695 319,968 56,727 27,207 870,454 4,392,596	Remarks  Section 20 years
Description  Canal Works  Masonry Canal Type M1 Earth Lining Canal Type S1 Chule Type C1 Chule Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PC1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost  O M Cost	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,380 91,473 172,696 319,968 56,727 27,200 870,45- 4,392,596 87,85	Remarks  2 for 20 years  6 for 20 years
Description  Canal Works  Masonry Canal Type M1 Earth Lining Canal Type S1 Chule Type C1 Chule Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PC1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost  O M Cost	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,380 91,473 172,696 319,968 56,727 27,200 870,45- 4,392,596 87,85	Remarks  Section 20 years
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chule Type C1  Chule Type C3  Offlake Works Type 01  Sub Total  Protection Works Type PA1  Protection Work Type PB1  Protection Work Type PB1  Protection Work Type PD1  Steel Flume Aqueduct Type SFA1  Pipe Canal Type PPC  Sub Total  Total Construction Cost  O M Cost  Total Project Cost  (for Iyear)	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.55 40.97 52.00 23.10 23.10 23.10 149.40 5.80	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16,703.18 9,413.03 3,959.89 7,476.15 2.141.68 9,780.60	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,380 91,473 172,696 319,968 56,727 27,200 870,45- 4,392,596 87,85	Remarks  2 for 20 years  6 for 20 years
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chule Type C1  Chule Type C3  Offlake Works Type 01  Sub Total  Protection Works Type PA1  Protection Work Type PB1  Protection Work Type PB1  Protection Work Type PD1  Steel Flume Aqueduct Type SFA1  Pipe Canal Type PPC  Sub Total  Total Construction Cost  O M Cost  Total Project Cost  (for tyear)  Present O M Cost	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.53 40.97 52.00 23.10 23.10 149.40 5.80 9.62	8.1 Unit Price 1.874.86 86.18 2.976.54 2.471.24 16.703.18 9.413.03 3.959.89 7.476.15 2.141.68 9.780.60 2.828.14	3 Amount  1,633,006 622,995 226,319 101,257 868,565 3,522,142  202,386 91,473 172,696 319,968 56,727 27,200 870,45- 4,392,596 87,857 4,480,444	Remarks  2 for 20 years  5 for 20 years  6 or 1 year
Description  Canal Works  Masonry Canal Type M1  Earth Lining Canal Type S1  Chule Type C1  Chule Type C3  Offlake Works Type 01  Sub Total  Protection Works Type PA1  Protection Work Type PB1  Protection Work Type PB1  Protection Work Type PD1  Steel Flume Aqueduct Type SFA1  Pipe Canal Type PPC  Sub Total  Total Construction Cost  O M Cost  Total Project Cost  (for Iyear)  Present O M Cost  Renovation	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m m	300 Quantity 871.00 7.229.00 99.53 40.97 52.00 23.10 23.10 149.40 5.80 9.62	8.1 Unit Price  1.874.86 86.18 2.976.54 2.471.24 16.703.18  9.413.03 3,959.89 7.476.15 2.141.68 9,780.60 2.828.14	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,386 91,473 172,696 319,968 56,727 27,207 870,45- 4,392,596 87,857 4,480,444 (224,022	Remarks  2 for 20 years  6 for 1 year  6 V.index=39.9
Description  Canal Works Masonry Canal Type M1 Earth Lining Canal Type S1 Chute Type C1 Chute Type C3 Offlake Works Type 01 Sub Total  Protection Works Type PA1 Protection Work Type PB1 Protection Work Type PB1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost  OM Cost Total Project Cost (for Lyear)  Present OM Cost Renovation OM	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m	300 Quantity 871.00 7.229.00 99.53 40.97 52.00 23.10 23.10 149.40 5.80 9.62	8.1 Unit Price  1.874.86 86.18 2.976.54 2.471.24 16.703.18  9.413.03 3,959.89 7.476.15 2.141.68 9,780.60 2.828.14	3 Amount  1,633,006 622,995 296,319 101,257 868,565 3,522,142  202,386 91,473 172,696 319,968 56,727 27,207 870,45- 4,392,596 87,857 4,480,444 (224,022	Remarks  2 for 20 years  5 for 20 years  6 or 1 year  6 v.index=39.9
Description Canal Works Masonry Canal Type M1 Earth Lining Canal Type S1 Chuie Type C1 Chuie Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PB1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost O M Cost Total Project Cost (for Iyear)  Present O M Cost Renovation	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m m	300 Quantity 871.00 7.229.00 99.53 40.97 52.00 23.10 23.10 149.40 5.80 9.62	8.1 Unit Price  1.874.86 86.18 2.976.54 2.471.24 16.703.18  9.413.03 3,959.89 7.476.15 2.141.68 9,780.60 2.828.14	36.700 3.633.006 622.995 296.319 101.257 868.565 3.522.142 202.386 91.473 172.696 319.968 56.727 27.207 870.45-	Remarks  2 for 20 years  5 for 20 years  6 or 1 year  6 v.index=39.9
Description  Canal Works Masonry Canal Type M1 Earth Lining Canal Type S1 Chuie Type C1 Chuie Type C3 Offlake Works Type 01 Sub Total  Protection Works Protection Work Type PA1 Protection Work Type PB1 Protection Work Type PD1 Steel Flume Aqueduct Type SFA1 Pipe Canal Type PPC Sub Total  Total Construction Cost  OM Cost  Total Project Cost (for Iyear)  Present OM Cost Renovation OM	Lower Lobeysa Unit  m m m(high) m(high) unit  m m m m m	300 Quantity 871.00 7.229.00 99.53 40.97 52.00 23.10 23.10 149.40 5.80 9.62	8.1 Unit Price  1.874.86 86.18 2.976.54 2.471.24 16.703.18  9.413.03 3,959.89 7.476.15 2.141.68 9,780.60 2.828.14	3 Amount  1.633.006 622.995 296.319 101.257 868.565 3.522.142  202.386 91.473 172.695 319.968 56.727 27.207 870.45-4 4.392.596 87.855 4.480.44 (224.022	Remarks  2 for 20 years  5 for 20 years  6 or 1 year  6 v.index=39.9

#### (2) Cost Estimation of Canal Improvement Plan (2/5)

Description	Canal Code C9	Name ( Bajo Canal	Command Area (ba)	Canal Length (3m)	Design Dis	-
Creat Works	CONTRACTOR AND PROPERTY AND PRO	and the second s	CHICAGO PARTE PART	Unit Price	Amount	Remarks
Mistony Catal Type N2					······································	
Earth Lining Caral Type 52	· •	m l	614.00	1,403,29	861.621	
Cheef Type C2 Chate Type C3 Chate Type C4 Chate Type C2 Chate Type C4 Chate Type C4 Chate Type C5 Chate Type C6 Chate Type C5 Chate Type C5 Chate Type C6 Chate Type C6 Chate Type C7 Chate Type C6 Chate Type C5 Chate Type C6 Chate Type C7 Chate Chate Chat						
Chair Type C4						
Official Works   Type 4   Sub Tetal   Su						
Protection Work   Protection Work   Type PA2   m   235.90   8.616.00   2.032.515   Protection Work   Type PA2   m   39.90   3.162.86   126.198   Protection Work   Type PA2   m   39.90   7.033.65   282.638   Protection Work   Type PC2   m   39.90   7.033.65   282.638   282.638   Protection Work   Type PD2   m   176.70   1.728.93   305.502   Striet Flame Appedent Type SFA2   m   39.24   7.602.77   298.333   Type Canal Type PFC2   Sub Total   Sub						
Protection Works Protection Work Type PA2 Protection Work Type PA2 Protection Work Type PA2 Protection Work Type PB2 Protection Work Type PB2 Protection Work Type PC2 Frotection Work Type PC2 Protection Work Type PC2 Protection Work Type PC2 Protection Work Type PC2 Protection Work Type PC2 Site Fluence Aguedact Type SFA2 Pripe Canal Type PPC2 Sub Total  Total Construction Cost  OM Cost L.S.  Interpret Cost (for Iyear) Present OM Cost Renovation OM Total Net Cost for Canal Improvement  Canal Code Clo Description Canal Works Masony Canal Type PA2 Phangyul Plangyul		mun.	35.00	11.110.22		
Protection Work Type PAZ	Sub Total				2,482,577	
Protection Work Type PAZ	i		:			
Protection Work Type PB2	otection Works					
Protection Work Type PC2 Sited Flume Aguedact Type SFA2 Pipe Canal Type SFA2 Pipe Canal Type SFA2 Pipe Canal Type SFA2 Pipe Canal Type SFA2 Protection Work Type PC3  Sub Total  Total Construction Cest  OM Cest  L.S.  L.S.  L.S.  L.S.  Interpret Size Size Size Size Size Size Size Size	Protection Work Type PA2	m		8,616.00		
Protection Work Type PC2	Protection Work Type PB2	m	39.90	3.162.86	126.198	ĺ
Protection Work Type PD2		m ·	39.90	7,083.65	282,638	
Sized Flume Aquedact Type SFA2		m l	176.70	1,728.93	305,502	
Pipe Canal Type PPC2   Sub Total   1,907.79   1,56.782   3,201.968   3,201.9		m :	39.24	7,602.77	298,333	
Sub Total   Sub						
Total Construction Cost		411	02.10	1,701.13		
DM Cost	200 1001	* <b>[</b>	: , ,	,	3,401,308	[
DM Cost		I		:		
Total Project Cost   (for Iyear)   (289,891)   for 1 year Renovation   km   3.23   62,939.39   202,980 V indexes   Command Area (ha) Canal Length (km)   229,980 V indexes   Command Area (ha) Canal Length (km)   Design Discharge (l 150	oul Construction Cost	: · · [		. [	2.084.143	
Total Project Cost   (for Iyear)   (289,891)   for 1 year Renovation   km   3.23   62,939.39   202,980 V indexes   Command Area (ha) Canal Length (km)   229,980 V indexes   Command Area (ha) Canal Length (km)   Design Discharge (l 150		. <u></u>				630
Present OM Cost   Renovation   km   3.23   62.939.39   202.980   Vindexe OM   Total   km   15.00   1.800.00   27.000   229.980   Vindexe OM   Total	M Cost	L.S.	·		. 113,683	ior 20 years
Present OM Cost   Renovation   km   3.23   62.939.39   202.980   Vindexe OM   Total   km   15.00   1.800.00   27.000   229.980   Vindexe OM   Total	ung lang ang tangkan da kalimatan					
Present OM Cost   Renovation   Rm   3.23   62,939.39   202,930   Vindexe OM   Total   Renovation   Rm   15.00   1.800.00   27,000   229,980   Vindexe OM   Total   Solution	otal Project Cost	I			5,797,828	for 20 years
Present OM Cost   Renovation   Rm   3.23   62,939.39   202,930   Vindexe OM   Total   Renovation   Rm   15.00   1.800.00   27,000   229,980   Vindexe OM   Total   Solution	a di tanàna dia dia 🖺	· [			:	
Present OM Cost   Renovation   Rm   3.23   62,939.39   202,930   Vindexe OM   Total   Renovation   Rm   15.00   1.800.00   27,000   229,980   Vindexe OM   Total   Solution	(for lyear)	<b>.</b>	: 1		(289.891)	for 1 year
Renovation   Rm   3.23   62.939.39   202.980   V.indexe   O.M   Total						
Renovation   Rm   3.23   62.939.39   202.980   V. indexe   O.M   Total	resent OM Cost				N. a.	for I year
Net Cost for Canal Improvement   Sopple   Sopp		t m	2 22	62 030 30		
Net Cost for Caral Improvement   S9,912 for 1 year						
Second Code	oration for the first of the first term of the	Mm	15.00	1,00.00	7 L	
Canal Code   Name   Command Area (ha)   Canal Length (km)   Design Discharge (last)	10(2)	- 1 471	100	\* 1	223,780	
Canal Code	L	<u> </u>			40010	fan 1
Description   Unit   Quantity   Unit Price   Amount   Reversity	et Cost for Caral Improvement				39,912	104 1 (631
Description   Unit   Quantity   Unit Price   Amount   Reversity	and the state of the			manager are an established to	****	
Description   Unit   Quantity   Unit Price   Amount   Ref						
Canal Works	THE PERSON NAMED IN THE PE	CANCEL TO SERVICE STREET	The second secon	AND DESCRIPTION OF THE PARTY OF		
Masorary Canal Type M3		Unit	Quantity	Unit Price	Amount	Remarks
Earth Lining Canal Type S5 Earth Lining Canal Type S8 Chute Type C5 Chute Type C10 Offiske Works Type 5 Sub Total  Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Fige Canal Type PC3 Sub Total  Total Construction Cost  O'M Cost  Total Project Cost  (for Lyear)  Earth Lining Canal Type S5  m  8,325.00 44.10 367,170 49.64 292,353 Chute Type C5 m(high) 36.76 2,044.60 75,159 Chute Type C10 m(high) 36.76 2,044.60 75,159 Sub 24,403 Sub 3,423.00 247,483 Protection Work Type PB3 m  72.30 8,474.00 612.670 1,044.075 Protection Work Type PD3 m  227.20 1,795.00 407.824 Steel Flume Aqueduct Type SFA3 m  23.66 6,346.00 150.146 150.146 150.146 1819.00 76.507 2.538.706  Total Project Cost  (279.263) for 1 year		- 4				
Earth Lining Canal Type S8		m				
Chute Type C5 Chute Type C10 Chute Type C10 Offiske Works Type 5 Sub Total  Protection Works Protection Works Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Rn Protection Work	Earth Lining Canal Type S5	m	8,325.00	44.10	367,170	
Chule Type C10 Offiske Works Type 5 Sub Total  Protection Works Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Protection Work Type PD3 In 72.30 Steel Flume Aqueduct Type SFA3 Sub Total  Total Construction Cost  I S.  I S.  In (high)  244.63 2,061.90 504.403 2,2822 2,937,031  10.216.00 1.044.075 1	Earth Lining Canal Type S8	m	5,889.00	49.64	292,353	
Chute Type C10 Offiske Works Type 5 Sub Total  Protection Works Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PB3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 M 23.66 Pipe Canal Type PPC3 Sub Total  Total Construction Cost  L.S.  In 102.20 10.216.00 1.044.075	Chute Type C5	m (high)	36.76	2.044.60	75,159	
Offlake Works Type 5         unit         35.00         9.223.49         322.822           Sub Total         2.937,031         2.937,031           Protection Works         Protection Work Type PA3         im         102.20         10.216.60         1.044.075           Protection Work Type PB3         m         72.30         3.423.00         247,483           Protection Work Type PC3         m         72.30         8,474.00         612.670           Protection Work Type PD3         rn         227.20         1,795.00         407.824           Steel Flume Aqueduct Type SFA3         m         23.66         6,346.00         150.146           Pipe Canal Type PPC3         m         42.06         1,819.00         76.507           Sub Total         2.538.706         2538.706         109.515         for 20 ye           Total Construction Cost         1.5         109.515         for 20 ye           Total Project Cost         5.585.252         for 20 ye           (for 1year)         (279,263)         for 1 yea			244.63	2,061.90	504,403	
Protection Works   Protection Work Type PA3   m   102 20   10.216.00   1.044.075				1 1 1 1 1 1		
Protection Works         in         102.20         10.216.00         1.044.075           Protection Work Type PB3         in         72.30         3.423.00         247.483           Protection Work Type PC3         in         72.30         8.474.00         612.670           Protection Work Type PD3         in         227.20         1,795.00         407.824           Steel Flume Aqueduct Type SFA3         in         23.66         6,346.00         150.146           Pipe Canal Type PPC3         in         42.06         1,819.00         76.507           Sub Total         2.538.706         2538.706           Total Construction Cost         109.515         for 20 ye           Total Project Cost         5.585.252         for 20 ye           (for 1year)         (279,263)         for 1 yea		7	25.50	2.00,000		
Protection Work Type PA3 m 102.20 10.216.00 1.044.075 Protection Work Type PB3 m 72.30 3.423.00 247.483 Protection Work Type PC3 m 72.30 8.474.00 612.670 Protection Work Type PD3 m 227.20 1.795.00 407.824 Steel Flume Aqueduct Type SFA3 m 23.66 6.346.00 150.146 Pipe Canal Type PPC3 m 42.06 1.819.00 76.507 Sub Total Construction Cost 1.5.  Total Construction Cost 1.5.  Total Project Cost (for 1 year) (279.263) for 1 year	300 1001	- I - I - I			2,777,031	
Protection Work Type PA3						
Protection Work Type PB3         m         72 30         3,423.00         247,483           Protection Work Type PC3         m         72.30         8,474.00         612,670           Protection Work Type PD3         m         227.20         1,795.00         407,824           Steel Flume Aqueduct Type SFA3         m         23,66         6,346.00         150,146           Pipe Canal Type PPC3         m         42.06         1,819.00         76,507           Sub Total         2,538,706           Total Construction Cost         5,475,737         109,515 for 20 ye           Total Project Cost         5,585,252 for 20 ye         (279,263) for 1 yea			1.00	terror and the state of		
Protection Work Type PC3         m         72.30         8,474.00         612,670           Protection Work Type PD3         m         227.20         1,795.00         407,824           Steel Flume Aqueduct Type SFA3         m         23.66         6,346.00         150,146           Pipe Canal Type PPC3         m         42.06         1,819.00         76,507           Sub Total         2,538,706           Total Construction Cost         5,475,737           OM Cost         L.S.         109,515 for 20 ye           Total Project Cost         5,585,252 for 20 ye           (for 1year)         (279,263) for 1 yea			الممامم الممام	أمم حدم مو	1044034	
Protection Work Type PD3	Protection Work Type PA3					
Steel Flume Aqueduct Type SFA3   m   23.66   6.346.00   150.146   76.507	Protection Work Type PA3 Protection Work Type PB3		72.30	3,423.00	247,483	
Steel Flume Aqueduct Type SFA3   m   23.66   6.346.00   150.146   76.507	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3	m	72.30	3,423.00	247,483	
Pipe Canal Type PPC3       m       42.06       1.819.00       76.507         Sub Total       2.538.706         Total Construction Cost       5.475.737         OM Cost       L.S.       109.515 for 20 ye         Total Project Cost       5.585.252 for 20 ye         (for Iyear)       (279.263) for 1 year	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3	m m	72.30 72.30	3,423.00 8,474.00	247,483 612,670	
Sub Total  Total Construction Cost  5.475,737  OM Cost  L.S.  109,515 for 20 ye  Total Project Cost  5.585,252 for 20 ye  (for lyear)  (279,263) for 1 yea	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3	m m	72.30 72.30 227.20	3,423,00 8,474,00 1,795,00	247,483 612,670 407,824	
Total Construction Cost 5.475,737  O.M. Cost L.S. 109,515 for 20 ye  Total Project Cost 5.585,252 for 20 ye  (for lyear) (279,263) for 1 year	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3	m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146	
OM Cost L.S 109,515 for 20 ye  Total Project Cost - 5.585,252 for 20 ye  (for lyear) - (279,263) for 1 year	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3	m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507	
OM Cost L.S 109,515 for 20 ye  Total Project Cost - 5.585,252 for 20 ye  (for lyear) - (279,263) for 1 year	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3	m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507	
Total Project Cost 5.585,252 for 20 ye (for 1 year) (279,263) for 1 year	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total	m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706	
Total Project Cost 5.585,252 for 20 ye (for 1 year) (279,263) for 1 year	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total	m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706	
(for livear) (279,263) for 1 yea	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Carul Type PPC3 Sub Total otal Construction Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737	
(for livear) (279,263) for 1 yea	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Carul Type PPC3 Sub Total otal Construction Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737	
	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Steel Flume Aqueduct Type SFA3 Pipe Carul Type PPC3 Sub Total otal Construction Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737	for 20 years
	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Steel Flume Aqueduct Type SFA3 Pipe Carul Type PPC3 Sub Total otal Construction Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737	for 20 years
	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total otal Construction Cost M Cost otal Project Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515	for 20 years for 20 years
In the second se	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total otal Construction Cost M Cost otal Project Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515	for 20 years for 20 years
Lucking Out Cost	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total otal Construction Cost M Cost otal Project Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515	for 20 years for 20 years
Renovation km 1.60 62,939.39 100.703 V.index-	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total otal Construction Cost M Cost otal Project Cost	m m m m	72.30 72.30 227.20 23.66	3,423,00 8,474,00 1,795,00 6,346,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515	for 20 years for 20 years
	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total otal Construction Cost  M Cost otal Project Cost (for Lyear)	m m m	72.30 72.30 227.20 23.66 42.06	3,423,00 8,474,00 1,795,00 6,346,00 1,819,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515 5,585,252 (279,263)	for 20 years for 20 years for 1 year for 1 year
	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total otal Construction Cost M Cost otal Project Cost (for Lycar) resent O M Cost Renovation	m m m m	72.30 72.30 227.20 23.66 42.06	3,423,00 8,474,00 1,795,00 6,346,00 1,819,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515 5,585,252 (279,263)	for 20 years for 20 years for 1 year for 1 year V. index=41.3
127,703	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total  otal Construction Cost  M Cost  otal Project Cost  (for Lyear)  resent O M Cost Renovation O M	m m m	72.30 72.30 227.20 23.66 42.06	3,423,00 8,474,00 1,795,00 6,346,00 1,819,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515 5,585,252 (279,263)	for 20 years for 20 years for 1 year for 1 year V. index=41.3
Net Cost for Canal Improvement 149,760 for 1 yea	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total otal Construction Cost M Cost otal Project Cost (for Lycar) resent O M Cost Renovation	m m m m	72.30 72.30 227.20 23.66 42.06	3,423,00 8,474,00 1,795,00 6,346,00 1,819,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515 5,585,252 (279,263)	for 20 years for 20 years for 1 year for 1 year V. index=41.3
Net Cost for Canal Improvement 149,760 for 1 year	Protection Work Type PA3 Protection Work Type PB3 Protection Work Type PC3 Protection Work Type PC3 Protection Work Type PD3 Steel Flume Aqueduct Type SFA3 Pipe Canal Type PPC3 Sub Total  otal Construction Cost  M Cost otal Project Cost (for Iyear) resent O M Cost Renovation O M Total	m m m m	72.30 72.30 227.20 23.66 42.06	3,423,00 8,474,00 1,795,00 6,346,00 1,819,00	247,483 612,670 407,824 150,146 76,507 2,538,706 5,475,737 109,515 5,585,252 (279,263) 100,703 28,800 129,503	for 20 years for 20 years for 1 year for 1 year V.index=41.3

#### (2) Cost Estimation of Canal Improvement Plan (3/5)

Canal Code		Command Area (ha)	Canal Length (km)	Design Dus	•
CIS	Genka	COLUMN TO SERVICE OF STREET	Unit Price	Amount	Kemarks
Description	Unit	Quantity	CREITS	Ancian	ACCIDIA?
Canal Works			2,00	240,047	1
Masonry Canal Type M7	ra en	296.00	810.97	86.087	
Earth Lining Canal Type S9	m n	3,204.00	26.87		
Chute Type C9	m (high)	7.39	1,827,30	13.496	
Chute Type C12	m (high)	15.72	1,728.08	27,161	
Offtake Works Type 08	unit	12.00	3,178.45	38,141	
Sub Total				404.931	
300 1001					
		,			
Protection Works		5.10	7,473.67	38,116	
Protection Work Type PA8	w	the state of the s		36,167	
Protection Work Type PB8	m .	17.90	2.020.53		
Protection Work Type PC8	. W	17.90	6,414.33	114,817	
Protection Work Type PD\$	m	102.10	1.032.62	105,430	
Steel Flume Aqueduct Type SFA7	, 1 m - 1	4.60	3,865,80	17,783	
Pipe Canal Type PPC6	វា	5.28	569.68	3,008	
Sub Total	•			315,320	
300 TCG1				_1	
				120,252	
Total Construction Cost	:			7.0.232	4
•		1		1 202	for 20
OM Cost	L.S.			14,405	for 20 years
Total Project Cost				734.657	for 20 years
(far lance)			: 1	(36,733)	for 1 year
(for lyear)	3.5				1.
	24.3				for 1 year
resent OM Cost		م ر	62,939,39	28 637	V.index=14.5
Renovation	km	0.46	2	6,300	
OM	km	3.50	1,800.00	and the second s	
		1 / /		34,937	
Total			1		
4.77					1.34
Total				1.795	for I year
Total				1.795	for I year
Total Net Cost for Canal Improvement	N₃me	Command Area (ha)	Canal Length (km)		for I year scharge (I s)
Total	Name Nalakha	Command Area (ha)	Canal Longth (km) 3.9	Design Di	
Total Net Cost for Canal Improvement  Canal Code  C18	Nalakha			Design Di	scharge (1 s)
Total  Net Cost for Canal Improvement  Canal Code C18  Description		29	3.9	Design Di	scharge (1 s) 18
Total  Net Cost for Canal Improvement  Canal Code C18  Description  Canal Works	Nalakha Unit	29 Quantity	3.9 Unit Price	Design Di	scharge (1 s) 18 Remarks
Total  Vet Cost for Canal Improvement  Canal Code C18  Description  Canal Works  Masonry Canal Type M6	Nalakha Unit	Quantity 335.00	3.9 Unit Price 910.01	Design Dis	scharge (Ls) 18 Remarks
Total  Vet Cost for Canal Improvement  Canal Code C18  Description  Canal Works  Masonry Canal Type M6  Earth Lining Canal Type S7	Nalakha Unit m	Quantity 335.00 3,565.00	3.9 Unit Price 910.01 28.92	Design Di Amount 304,852 103,103	scharge (1 s) 18 Remarks
Total  Canal Code C18  Description  Canal Works  Masonry Canal Type M6  Earth Lining Canal Type S7 Chute Type C8	Najakha Unit m m m (high)	29 Quantity 335.00 3,565.00	3.9 Unit Price 910.01 28.92 1.997.09	Design Di Amount 304.852 103.103 3.345	scharge (1 s) 18 Remarks
Total  Canal Code C18  Description  Canal Works  Masonry Canal Type M6  Earth Lining Canal Type S7	Nalakha Unit m	29 Quantity 335.00 3,565.00 1.67 10.64	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30	Design Di Amount 304.852 103.103 3.345 19.451	scharge (1 s) 18 Remarks
Canal Code C18 Description Canal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8	Najakha Unit m m m (high)	29 Quantity 335.00 3,565.00	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30	Design Di Amount 304.852 103.103 3.345 19.451 77.850	scharge (1 s) 18 Remarks
Canal Code C18 Description Canal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9	Najakha Unit m m m (high) m (high)	29 Quantity 335.00 3,565.00 1.67 10.64	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30	Design Di Amount 304.852 103.103 3.345 19.451	scharge (1 s) 18 Remarks
Canal Code C18 Description Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 97	Najakha Unit m m m (high) m (high)	29 Quantity 335.00 3,565.00 1.67 10.64	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30	Design Di Amount 304.852 103.103 3.345 19.451 77.850	scharge (1 s) 18 Remarks
Total  Canal Code C18  Description  anal Works  Masonry Canal Type M6  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total	Najakha Unit m m m (high) m (high)	29 Quantity 335.00 3,565.00 1.67 10.64	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30	Design Di Amount 304.852 103.103 3.345 19.451 77.850	scharge (1 s) 18 Remarks
Total  Canal Code C18  Description  anal Works  Masonry Canal Type M6  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Works	Nalakha Unit  m m m(high) m(high) unit	29 Quantity 335.00 3,565.00 1.67 10.64 20.00	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50	Design Di Amount 304.852 103.103 3.345 19.451 77.850 508,601	scharge (1s) 18 Remarks
Canal Code C18 Description Panal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total Protection Works Protection Works Protection Works Protection Work Type PA7	Nalakha Unit  m m m(high) m(high) unit	29 Quantity 335.00 3,565.00 1.67 10.64 20.00	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50	Design Dis Amount 304.852 103.103 3.345 19.451 77.850 508.601	scharge (1 s) 18 Remarks
Canal Code C18  Description  anal Works  Masonry Canal Type M6  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Works  Protection Work Type PA7 Protection Work Type PB7	Nalakha Unit  m m m(high) m(high) wiit  m	29 Quantity 335,00 3,565,00 1,67 10,64 20,00	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30	Design Di Amount 304.852 103.103 3.345 19.451 77.850 508.601 296.614	scharge (1 s) 18 Remarks
Total  Canal Code C18  Description  Canal Works  Masony Canal Type M6  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Works  Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PC7	Nalakha Unit  m m m(high) m(high) wiit  m	29 Quantity 335,00 3,565,00 1,67 10,64 20,00 38,70 15,10	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29	Design Di Amount 304.852 103.103 3.245 19.451 77.850 508,601 296,614 33.391 98.154	scharge (Ls) 18 Remarks
Canal Code C18  Description  Canal Type M6  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 97 Sub Total  Protection Works Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PC7 Protection Work Type PC7 Protection Work Type PD7	Nalakha Unit  m m m(high) m(high) unit  m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 508,601  296,614 33.391 98.154 102.067	scharge (1 s) 18 Remarks
Canal Code C18  Description  Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offluke Works Type 07 Sub Total  Protection Works Protection Work Type PA7 Protection Work Type PB7	Nalakha Unit  m m m(high) m(high) wiit  m	29 Quantity  335.00 3,565.00 1.67 10.64 20.00  38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Di  Amount  304.852 103.103 3.345 19.451 77.850 508,601  296,614 33,391 98.154 102.067 37,421	scharge (1 s) 18 Remarks
Canal Code C18  Description  Canal Type M6  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 97 Sub Total  Protection Works Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PC7 Protection Work Type PC7 Protection Work Type PD7	Nalakha Unit  m m m(high) m(high) unit  m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Di Amount  304.852 103.103 3.345 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37,421 12.546	scharge (1 s) 18 Remarks
Canal Code C18  Description  Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offluke Works Type 07 Sub Total  Protection Works Protection Work Type PA7 Protection Work Type PB7	Nalakha Unit  m m m(high) m(high) unit  m m	29 Quantity  335.00 3,565.00 1.67 10.64 20.00  38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Di  Amount  304.852 103.103 3.345 19.451 77.850 508,601  296,614 33,391 98.154 102.067 37,421	scharge (1 s) 18 Remarks
Canal Code C18  Description Canal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total Protection Works Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5	Nalakha Unit  m m m(high) m(high) unit  m m	29 Quantity  335.00 3,565.00 1.67 10.64 20.00  38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Di Amount  304.852 103.103 3.345 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37,421 12.546 580,193	scharge (1 s) 18 Remarks
Canal Code C18 Description  anal Works Masoray Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PC7 Protection Work Type PD7 Steel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total	Nalakha Unit  m m m(high) m(high) unit  m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Di Amount  304.852 103.103 3.345 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37,421 12.546	scharge (1 s) 18 Remarks
Canal Code C18 Description anal Works Masorry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flurne Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total	Nalakha Unit  m m m(high) m(high) unit  m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Di Amount  304.852 103.103 3.345 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37,421 12.546 580,193	scharge (1 s) 18 Remarks
Canal Code C18 Description  anal Works Masony Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offluke Works Type 07 Sub Total  Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PP7 Steel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost	Nalakha Unit  m m m(high) m(high) unit  m m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Dis Amount 304.852 103.103 3.345 19.451 77.850 508.601 296.614 33.391 98.154 102.067 37.421 12.546 580.193	scharge (1 s) 18 Remarks
Canal Code C18 Description  anal Works Masony Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offluke Works Type 07 Sub Total  Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PP7 Steel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost	Nalakha Unit  m m m(high) m(high) unit  m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Dis Amount 304.852 103.103 3.345 19.451 77.850 508.601 296.614 33.391 98.154 102.067 37.421 12.546 580.193	scharge (1 s) 18 Remarks
Canal Code C18  Description  Canal Type M6  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offlake Works Type 97  Sub Total  Protection Work Type PA7  Protection Work Type PB7  Frotection Work Type PC7  Protection Work Type PD7  Steel Flurne Aqueduct Type SFA6  Pipe Canal Type PPC5  Sub Total  Total Construction Cost  O M Cost	Nalakha Unit  m m m(high) m(high) unit  m m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37.421 12.546 580,193 1.088.794	scharge (Ls) 18 Remarks  For 20 years
Canal Code C18  Description  Canal Type M6  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offlake Works Type 97  Sub Total  Protection Work Type PA7  Protection Work Type PB7  Frotection Work Type PC7  Protection Work Type PD7  Steel Flurne Aqueduct Type SFA6  Pipe Canal Type PPC5  Sub Total  Total Construction Cost  O M Cost	Nalakha Unit  m m m(high) m(high) unit  m m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37.421 12.546 580,193 1.088.794	scharge (Ls) 18 Remarks
Canal Code C18 Description  anal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Works Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Stel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost O M Cost	Nalakha Unit  m m m(high) m(high) unit  m m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37.421 12.546 580,193 1.088.794 21.776	scharge (1 s) 18 Remarks  For 20 years  For 20 years
Canal Code C18  Description Canal Works  Masony Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Works Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flurne Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost  O M Cost  Total Project Cost	Nalakha Unit  m m m(high) m(high) unit  m m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37.421 12.546 580,193 1.088.794 21.776	scharge (1 s) 18 Remarks  For 20 years
Canal Code C18  Description  Canal Type M6  Earth Lining Canal Type M7  Chute Type C8  Chute Type C9  Offlake Works Type D7  Sub Total  Protection Work Type PA7  Protection Work Type PB7  Frotection Work Type PD7  Steel Flurne Aqueduct Type SFA6  Pipe Canal Type PPC5  Sub Total  Total Construction Cost  O M Cost	Nalakha Unit  m m m(high) m(high) unit  m m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 508,601  296,614 33.391 98.154 102.067 37.421 12.546 580,193 1.088.794 21.776	scharge (1 s) 18 Remarks  For 20 years  For 20 years
Canal Code C18  Description  Anal Works  Masony Canal Type M6  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PD7 Steel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost  O M Cost  Total Project Cost (for Iyear)	Nalakha Unit  m m m(high) m(high) unit  m m m	29 Quantity 335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80	Design Dis  Amount  304.852 103.103 3.345 19.451 77.850 508.601  296.614 33.391 98.154 102.067 37.421 12.546 580.193 1.088.794 21.776 1.110.576 (55.528	for 20 years  for 1 year  for 1 year
Canal Code C18 Description Canal Works Masony Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offluke Works Type 07 Sub Total Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost  O M Cost  Total Project Cost (for Iyear)	Nalakha Unit  m m m(high) m(high) wit  m m m m thigh)	29 Quantity  335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68 15.92	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80 788.10	Design Dis  Amount  304.852 103.103 3.345 19.451 77.850 508.601  296.614 33.391 98.154 102.067 37.421 12.546 580.193 1.088.794 21.776 1.110.576 (55.528	scharge (Ls) 18 Remarks  for 20 years  for 20 years
Canal Code C18 Description Canal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flurne Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost O M Cost (for Iyear)  Present O M Cost Renovation	Nalakha Unit  m m m(high) m(high) wit  m m m thigh) wit	29 Quantity  335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 15.10 90.70 9.68 15.92	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80 788.10	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 598,601  296,614 33.391 98.154 102.067 37,421 12.546 580,193 1.088.794 21,776 (55.528	for 20 years  for 20 years  for 1 year  Vindex=44.5
Canal Code C18 Description Canal Code C18 Description Canal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flurne Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost OM Cost Total Project Cost (for Iyear)  Present OM Cost Renovation OM	Nalakha Unit  m m m(high) m(high) wit  m m m m thigh)	29 Quantity  335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 90.70 9.68 15.92	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80 788.10	Design Dis  Amount  304.852 103.103 3.345 19.451 77.850 508.601  296.614 33.391 98.154 102.067 37.421 12.546 580.193 1.088.794 21.776 1.110.576 (55.528	for 20 years  for 20 years  for 1 year  for 1 year  Vindex=44.5
Canal Code C18 Description Canal Works Masony Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flume Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost O M Cost (for Iyear)  Present O M Cost Renovation	Nalakha Unit  m m m(high) m(high) wit  m m m thigh) wit	29 Quantity  335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 15.10 90.70 9.68 15.92	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80 788.10	Design Discount  Amount  304.852 103.103 3.245 19.451 77.850 598,601  296,614 33.391 98.154 102.067 37,421 12.546 580,193 1.088.794 21,776 (55.528	for 20 years  for 20 years  for 1 year  for 1 year
Canal Code C18 Description Canal Code C18 Description Canal Works Masonry Canal Type M6 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offlake Works Type 07 Sub Total  Protection Work Type PA7 Protection Work Type PB7 Protection Work Type PB7 Protection Work Type PD7 Steel Flurne Aqueduct Type SFA6 Pipe Canal Type PPC5 Sub Total  Total Construction Cost OM Cost Total Project Cost (for Iyear)  Present OM Cost Renovation OM	Nalakha Unit  m m m(high) m(high) wit  m m m thigh) wit	29 Quantity  335.00 3,565.00 1.67 10.64 20.00 38.70 15.10 15.10 90.70 9.68 15.92	3.9 Unit Price 910.01 28.92 1.997.09 1.827.30 3.892.50 7.664.44 2.211.30 6.500.29 1.125.32 3.865.80 788.10	Design Dis  Amount  304.852 103.103 3.345 19.455 77.850 508.601  296.614 33.391 98.154 102.067 37.421 12.546 580.193 1.088.794 21.776 (55.528  44.18: 7.026 51.201	for 20 years  for 20 years  for 1 year  for 1 year

#### (2) Cost Estimation of Canal Improvement Plan (4/5)

C19 Description Unit Ouantity Canal Works Musonry Canal Type M4 Earth Lining Canal Type S6 Chute Type C6 Chute Type C8 Offlake Works Type 96 Sub Total  Protection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PD5 Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  O M Cost  I S.  Total Project Cost (for Iyeer)	22 Unit Price  949.24 36.30 1.926.52 1.997.09 5.938.91  7.733.12 2.279.98 6.564.75 1.189.79 4.949.40 958.99	Amount  255,346 70,098 32,513 94,707 166,289 618,952  0 3,420 9,847 42,594 1,485 288 57,634 676,586	
Canal Works   Masonry Canal Type M4   m   269.00     Earth Lining Canal Type S6   m   1,931.00     Chute Type C6   m (high)   16.88     Chute Type C8   m (high)   47.42     Offlake Works Type 06   unit   28.00     Sub Total	949.24 36.30 1,926.52 1,997.09 5,938.91 7,733.12 2,279.98 6,564.73 1,189.79 4,949.40	255,346 70,098 32,513 94,707 166,289 618,952 0 3,420 9,847 42,594 1,485 288 57,634	
Masonry Canal Type M4	36.30 1,926.52 1,997.09 5,938.91 7,733.12 2,279.98 6,564.75 1,189.79 4,949.40	70.098 32.513 94.707 166.289 618.952  0 3.420 9.847 42.594 1.485 288 57.634	
Earth Lining Canal Type S6 Chute Type C6 Chute Type C8 Chute Type C8 Chute Type C8 Chute Type C8 Chute Type C6 Sub Total  Protection Works Protection Work Type PA3 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD5 Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost (for Lyear)	36.30 1,926.52 1,997.09 5,938.91 7,733.12 2,279.98 6,564.75 1,189.79 4,949.40	70.098 32.513 94.707 166.289 618.952  0 3.420 9.847 42.594 1.485 288 57.634	
Chute Type C6 Chute Type C8 Chute Type C8 Chute Type C8 Offlake Works Type 06 Sub Total  Protection Works Protection Work Type PAS Protection Work Type PBS Protection Work Type PCS Protection Work Type PDS Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  O M Cost  L S.  Total Project Cost (for 1 year)	1,926.52 1,997.09 5,938.91 7,733.12 2,279.98 6,564.75 1,189.79 4,949.40	32.513 94.707 166.289 618.952 0 3.420 9.847 42.594 1.485 288 57.634	
Chute Type C8 Offlake Works Type 06 Sub Total  Protection Works Protection Work Type PAS Protection Work Type PBS Protection Work Type PBS Protection Work Type PDS Protection Work Type PDS Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  O M Cost  L S.  Total Project Cost (for Lyear)	1,997.09 5,938.91 7,733.12 2,279.98 6,564.75 1,189.79 4,949.40	94,707 166,289 618,952 0 3,420 9,847 42,594 1,485 288 57,634	
Offtake Works Type 06 Sub Total  Protection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PD5 Protection Work Type PD5 Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  O M Cost  L S.  Total Project Cost (for 1year)	5,938.91 7,733.12 2,279.98 6,564.75 1,189.79 4,949.40	166.289 618.952 0 3.420 9.847 42.594 1.485 288 57.634	
Sub Total  Protection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD5 Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost LS.  Total Project Cost (for 1yeer)	7,733,12 2,279,98 6,564,75 1,189,79 4,949,40	618,952 0 3,420 9,847 42,594 1,485 288 57,634 676,586	
Protection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD5 Steel Flume Aquedact Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  O M Cost  L S.  Total Project Cost (for 1yeer)	2,279.98 6,564.75 1,189.79 4,949.40	0 3.420 9.847 42.594 1.485 288 57.634	
Protection Work Type PAS Protection Work Type PBS Protection Work Type PBS Protection Work Type PCS Protection Work Type PDS Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost (for lycer)	2,279.98 6,564.75 1,189.79 4,949.40	3,420 9,847 42,594 1,485 288 57,634 676,586	
Protection Work Type PAS Protection Work Type PBS Protection Work Type PBS Protection Work Type PCS Protection Work Type PDS Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost (for lycer)	2,279.98 6,564.75 1,189.79 4,949.40	3,420 9,847 42,594 1,485 288 57,634 676,586	
Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD5 Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost (for lycer)	2,279.98 6,564.75 1,189.79 4,949.40	3,420 9,847 42,594 1,485 288 57,634 676,586	
Protection Work Type PC5 Protection Work Type PD5 Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost (for lycer)	6,564.75 1,189.79 4,949.40	9,847 42,594 1,485 288 57,634 676,586	
Protection Work Type PD5 Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost (for Iyeer)	1,189,79 4,949,40	42.594 1.485 288 57.634 676.586	
Steel Flume Aqueduct Type SFA4 Pipe Canal Type PPC4 Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost  (for Iyear)	4,949.40	1.485 288 57,634 676,586	
Pipe Canal Type PPC4 m 0.30 Sub Total  Total Construction Cost  OM Cost L.S.  Total Project Cost  (for Iyear)		288 57.634 676.586	:
Sub Total  Total Construction Cost  OM Cost  L.S.  Total Project Cost  (for Iyear)	338.33	57,634 676,586	
Total Construction Cost  OM Cost  L.S.  Total Project Cost  (for Iyear)		676,586	
ON Cost  Total Project Cost  (for lyeer)		* *	
ON Cost  Total Project Cost  (for lyeer)		* *	
Total Project Cost (for Iyeer)		13,532	
Total Project Cost (for lycer)		13,532	le 30
(for lycer)			for 20 years
(for lycer)			
		690.118	for 20 years
		H	<b>l.</b> .
		(34,506)	for I year
Present OM Cost			for I year
Renovation km 0.02	62,939.39		V.index=36.16
OM km 2.20	1,800,00	3,960	
Total		5,345	
			1
Net Cost for Canal Improvement	1	29,161	for I year
		n managa ang managa ng kalikat Malikat	
Canal Code Name Command Area (ha)			scharge (1 s)
C20 Maphekha 27	22		15
Description Unit Quantity	Unit Price	Amount	Remarks
Carat Works			la de la companya de
Masoray Canal Type M4 m 257,00	949.24	243,955	
Earth Lining Canal Type S7 m 1.943.00	28.92	56.193	
Chute Type C6 m (high) 38.43	1,926 52	74,041	
Chute Type C8 m (high) 91.85	1,997.09	183,437	
Offtake Works Type 06 unit 25.00	5,938 91	148,473	1 .
Sub Total		706.098	
【运送自己生命》是主题【文字》是【文字文字》			1
Protection Works			1 1 1 1 1 1 1 1
Protection Work Type PAS m	7,733.12	0	
Protection Work Type PB5 m 2.10	2.279.98	4.788	Į 1.
Protection Work Type PC5 m 2.10	6,564.75	13,786	1
Protection Work Type PDS m 34.60	1,189.79	41,167	1
Steel Flume Aqueduct Type SFA5 m 0.42	4,811.62	2.021	
Pipe Caral Type PPC5 m 0.42	788.10	331	
Sub Total		62,092	
Total Construction Cost		768,191	
		- [ 1	
OM Cost		15.364	for 20 years
【自由第二章中人的名字第11章 计注册 49年 日本			
Total Project Cost		783,554	for 20 years
(for lyear)		(39,178)	for I year
			l -
Present OM Cost		$A_{ij} = A_{ij} = A_{ij}$	for 1 year
Renovation km 0.02	62,939,39	1 125	V.index=36.28
OM   km   2.20	1.800.00	3,960	
Total Su 2.10	1.000.00	5.345	
'***		3,343	
			I .
Net Cost for Canal Improvement		22 022	for I year

#### (2) Cost Estimation of Canal Improvement Plan (5/5)

Caral Code C21	Name Naykoyuwa	Command Area (ha) 24	Casel Longth (lon) 1.7	Design Dis 4	
Description	Unit	Quantity	Unit Price	Amount	Remarks
anal Works	l				
Masonry Canal Type M6		209.00	910.01	190,191	
Earth Lining Canal Type S7	l m	1,491.00	28.92	43.121	
		·	1,997,09	34,141	
Chute Type C8	m (high)	17.10			
Chute Type C9	m (high)	58.01	1.827.30	106,004	
Offtake Works Type 07	บกit	20.00	3,892.50	77,850	
Sub Total	1	l l	1	451,307	
000 000					
rotection Works			. [		
			7,733.12	ام	
Protection Work Type PA5	m	·		V	
Protection Work Type PB5	m .	•	2.279.98	U	
Protection Work Type PC5	m .	•,	6,564.75	0	· ·
Protection Work Type PD7	l m	6.60	1,125.32	7,127	
Steel Flume Aqueduct Type SFA5	l m	. !	4,811.62	0	
			788.10	6	
Pipe Canal Type PPC5	· 83		100.10	2.432	
Sub Total	1	]		7,427	
	1		' 1		·
otal Construction Cost	1	]		458,734	
	1	f			
M Cost	L.S.			9.175	for 20 years
NI CAR	1		1.1		
	1		** 1	469.000	for 20 years
otal Project Cost	1			467,909	TOT 20 VERES
	0.00	<b>i</b>			
(for lyear)	1 1 1			(23,395)	for I year
resent O.M.Cost	1	$i_1 = i_2 = i_3$			for I year
	1	0.01	62,939.39	€24	V.index=30.8
Renovation	km				
OM Helen All	km	1.70	1,800.00	3.060	i
Total				3,595	
	1 1				and the second
et Cost for Canal Improvement				19.800	for I year
et Cost for Canal Improvement				19.800	for Lyear
Canal Code	Name	Command Area (ha)		Design Dis	scharge (Ls)
Canal Code C22	Rumina	28	1.1	Design Dis	scharge (I s) i()
Canal Code	1			Design Dis	scharge (Ls)
Canal Code C22 Description	Rumina	28	1.1	Design Dis	scharge (I s) i()
Canal Code C22 Description anal Works	Rumina	28	1.1	Design Dis	scharge (I s) i0 Remarks
Canal Code C22 Description anal Works Masceny Canal Type M4	Rumina Unit	Quantity 124.00	1.1 Unit Price 949.24	Design Dis Ameunt	scharge (I s) i0 Remarks
Canal Code C22 Description anal Works Mascery Canal Type M4 Earth Lining Canal Type S7	Rumina Unit m m	28 Quantity 124.00 976.00	1.1 Unit Price 949.24 28.92	Design Dis 5 Amerunt 117.706 28.227	scharge (1 s) i0 Remarks
Canal Code C22 Description anal Works Mascery Canal Type M4 Earth Lining Canal Type S7 Chute Type C8	Rumina Unit  m m m (high)	28 Quantity 124.00 976.00 29.17	1.1 Unit Price 949.24 28.92 1,997.09	Design Dis 5 Ame and 117.706 28.227 58.251	scharge (1 s) 60 Remarks
Canal Code C22 Description anal Works Mascory Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9	Rumina Unit  m m m (high) ra (high)	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30	Design Dis 5 Ame and 117.706 28.227 58.251 360.427	scharge (1 s) 60 Remarks
Canal Code C22 Description anal Works Mascery Canal Type M4 Earth Lining Canal Type S7 Chute Type C8	Rumina Unit  m m m (high)	28 Quantity 124.00 976.00 29.17	1.1 Unit Price 949.24 28.92 1,997.09	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280	scharge (1 s) 60 Remarks
Canal Code C22 Description anal Works Mascery Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9	Rumina Unit  m m m (high) ra (high)	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30	Design Dis 5 Ame and 117.706 28.227 58.251 360.427	scharge (1 s) 60 Remarks
Canal Code C22 Description anal Works Mascorry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07	Rumina Unit  m m m (high) ra (high)	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280	scharge (1 s) 60 Remarks
Canal Code C22 Description anal Works Mascorry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total	Rumina Unit  m m m (high) ra (high)	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280	scharge (1 s) 60 Remarks
Canal Code C22  Description anal Works  Mascery Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works	Rumina Unit  m m m (high) m (high) unit	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280 626.891	scharge (18)
Canal Code C22  Description anal Works  Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Works	Rumina Unit  m m m m(high) m(high) unit  m	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280	scharge (18)
Canal Code C22  Description anal Works  Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works	Rumina Unit  m m m (high) m (high) unit	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1.997.09 1.827.30 3.892.50 7.733.12 2.279.98	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280 626.891	scharge (18)
Canal Code C22  Description anal Works Mascery Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5	Rumina Unit  m m m m(high) m(high) unit  m	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280 626.891	scharge (18)
Canal Code C22  Description anal Works Mascenty Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C8 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PAS Protection Work Type PBS Protection Work Type PCS	Rumina Unit  m m m(high) m(high) unit  m m	28 Quantity 124.00 976.00 29.17 197.25	1.1 Unit Price 949.24 28.92 1.997.09 1.827.30 3.892.50 7.733.12 2.279.98	Design Dis 5 Ame and 117.706 28.227 58.251 360.427 62.280 626.891	scharge (I s) i0  Remarks
Canal Code C22  Description anal Works Mascerty Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C8 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PAS Protection Work Type PBS Protection Work Type PC5 Protection Work Type PC5	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1.997.09 1.827.30 3.892.50 7.733.12 2.279.98 6.564.75 1.125.32	Design Dis 5 Amount 117.706 28.227 58.251 360.427 62.280 626.891	scharge (I s) i0  Remarks
Canal Code C22  Description  anal Works  Mascenty Canal Type M4  Earth Lining Canal Type S7  Chuic Type C8  Chuic Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Protection Work Type PC5  Protection Work Type PD7  Steel Flume Aqueduct Type SFAS	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amount 117.706 28.227 58.251 360.427 62.280 626.891	scharge (I s) i0  Remarks
Canal Code C22  Description  anal Works  Mascerty Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Protection Work Type PCS  Protection Work Type PD7  Steel Flume Aqueduct Type SFAS  Pipe Canal Type PPC5	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1.997.09 1.827.30 3.892.50 7.733.12 2.279.98 6.564.75 1.125.32	Design Dis 5 Amount 117.706 28.227 58.251 360.427 62.280 626.891	scharge (1 s)  0  Remarks
Canal Code C22  Description  anal Works  Mascerty Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Protection Work Type PC5  Protection Work Type PD7  Steel Flume Aqueduct Type SFAS	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amount 117.706 28.227 58.251 360.427 62.280 626.891	scharge (1 s)  0  Remarks
Canal Code C22  Description  anal Works  Mascerty Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Protection Work Type PCS  Protection Work Type PD7  Steel Flume Aqueduct Type SFAS  Pipe Canal Type PPC5	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 5 Amount 1 17.706 28.227 58.251 360.427 62.280 626.891 0 0 0 15.980 0 0 15.980	scharge (1 s)  0  Remarks
Canal Code C22  Description  anal Works  Mascerry Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Protection Work Type PD7  Steel Flume Aqueduct Type SFAS  Pipe Canal Type PPC5  Sub Total	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amount 117.706 28.227 58.251 360.427 62.280 626.891	scharge (1 s)  0  Remarks
Canal Code C22  Description  anal Works  Mascerry Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Protection Work Type PD7  Steel Flume Aqueduct Type SFAS  Pipe Canal Type PPC5  Sub Total	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 5 Amount 1 17.706 28.227 58.251 360.427 62.280 626.891 0 0 0 15.980 0 0 15.980	scharge (1 s)  0  Remarks
Canal Code C22  Description  anal Works  Mascery Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PA5  Protection Work Type PB5  Protection Work Type PD7  Steel Flume Aqueduct Type SFA5  Pipe Canal Type PPC5  Sub Total  otal Construction Cost	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Ame:unt 117.706 28.227 58.251 360.427 62.280 626.891 0 0 15.980 0 15.980 642.871	charge (I s) 0 Remarks
Canal Code C22  Description  anal Works  Mascery Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PA5  Protection Work Type PB5  Protection Work Type PD7  Steel Flume Aqueduct Type SFA5  Pipe Canal Type PPC5  Sub Total  otal Construction Cost	Rumina Unit  m m m(high) m(high) unit  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Ame:unt 117.706 28.227 58.251 360.427 62.280 626.891 0 0 15.980 0 15.980 642.871	scharge (1 s)  0  Remarks
Canal Code C22  Description anal Works  Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD7 Steel Flume Aqueduct Type SFA5 Pipe Canal Type PPC5 Sub Total otal Construction Cost	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amerunt	for 20 years
Canal Code C22  Description anal Works  Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD7 Steel Flume Aqueduct Type SFA5 Pipe Canal Type PPC5 Sub Total otal Construction Cost	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amerunt	charge (I s) 0 Remarks
Canal Code C22  Description anal Works  Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD7 Steel Flume Aqueduct Type SFA5 Pipe Canal Type PPC5 Sub Total otal Construction Cost	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amerunt  117.706 28.227 58.251 360.427 62.280 626.891  0 0 15,980 0 15,980 642.871 12.857	for 20 years
Canal Code C22  Description anal Works  Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD7 Steel Flume Aqueduct Type SFA5 Pipe Canal Type PPC5 Sub Total rotal Construction Cost	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amerunt  117.706 28.227 58.251 360.427 62.280 626.891  0 0 15,980 0 15,980 642.871 12.857	for 20 years
Canal Code C22  Description anal Works  Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PD7 Steel Flume Aqueduct Type SFA5 Pipe Canal Type PPC5 Sub Total otal Construction Cost	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amerunt  117.706 28.227 58.251 360.427 62.280 626.891  0 0 15,980 0 15,980 642.871 12.857	for 20 years
Canal Code C22  Description anal Works Mascruy Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PC5 Protection Work Type PC5 Sub Total retal Construction Cost OM Cost (for Type)	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1,997.09 1,827.30 3,892.50 7,733.12 2,279.98 6,564.75 1,125.32 4,811.62	Design Dis 5 Amerunt  117.706 28.227 58.251 360.427 62.280 626.891  0 0 15,980 0 15,980 642.871 12.857	for 20 years for 1 year
Canal Code C22  Description anal Works Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PC5 Protection Work Type PC5 Sub Total ctal Construction Cost OM Cost (for Iyear)	Rumina Unit  m m m(high) m(high) will  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price 949.24 28.92 1.997.09 1.827.30 3.892.50 7.733.12 2.279.98 6.564.75 1.125.32 4.811.62 788.10	Design Dis 5	for 20 years for 20 years for 1 year
Canal Code C22  Description anal Works Mascruy Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PC5 Protection Work Type PC5 Sub Total retal Construction Cost OM Cost (for Type)	Rumina Unit  m m m (high) m (high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price  949.24 28.92 1.997.09 1.827.30 3.892.50  7.733.12 2.279.98 6.564.75 1.125.32 4.811.62 788.10	Design Dis 5	for 20 years for 20 years for 1 year V.index=36.6
Canal Code C22  Description anal Works Mascerry Canal Type M4 Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total rotection Works Protection Work Type PA5 Protection Work Type PB5 Protection Work Type PC5 Protection Work Type PC5 Protection Work Type PC5 Sub Total ctal Construction Cost OM Cost (for Iyear)	Rumina Unit  m m m(high) m(high) will  m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price  949.24 28.92 1.997.09 1.827.30 3.892.50  7.733.12 2.279.98 6.564.75 1.125.32 4.811.62 788.10	Design Dis 5	for 20 years for 20 years for 1 year Vindex=36.6
Canal Code C22  Description  anal Works  Masceny Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Sub Total  otal Construction Cost  OM Cost  (for Lyear)  resent OM Cost  Renovation OM	Rumina Unit  m m m(high) m(high) unit  m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price  949.24 28.92 1.997.09 1.827.30 3.892.50  7.733.12 2.279.98 6.564.75 1.125.32 4.811.62 788.10	Design Dis 5	for 20 years for 1 year Vindex=36.6
Canal Code C22  Description  anal Works  Masceny Canal Type M4  Earth Lining Canal Type S7 Chute Type C8 Chute Type C9 Offtake Works Type 07 Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PD7  Steel Flume Aqueduct Type SFAS  Pipe Canal Type PPC5 Sub Total  otal Construction Cost  OM Cost  (for Iyear)  resent OM Cost  Renovation	Rumina Unit  m m m(high) m(high) unit  m m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price  949.24 28.92 1.997.09 1.827.30 3.892.50  7.733.12 2.279.98 6.564.75 1.125.32 4.811.62 788.10	Design Dis 5 Ame:unt 117.706 28.227 58.251 360.427 62.280 626.891  0 0 15.980 0 15.980 642.871 12.857 655.728 (32.786)	for 20 years for 1 year V.index=36.6
Canal Code C22  Description  anal Works  Masceny Canal Type M4  Earth Lining Canal Type S7  Chute Type C8  Chute Type C9  Offtake Works Type 07  Sub Total  rotection Works  Protection Work Type PAS  Protection Work Type PBS  Protection Work Type PCS  Sub Total  otal Construction Cost  OM Cost  (for Lyear)  resent OM Cost  Renovation OM	Rumina Unit  m m m(high) m(high) unit  m m m m m m m m	28 Quantity 124.00 976.00 29.17 197.25 16.00	1.1 Unit Price  949.24 28.92 1.997.09 1.827.30 3.892.50  7.733.12 2.279.98 6.564.75 1.125.32 4.811.62 788.10	Design Dis 5 Ame:unt 117.706 28.227 58.251 360.427 62.280 626.891  0 0 15.980 0 15.980 642.871 12.857 655.728 (32.786) 345 1.980 2,326	for 20 years for 1 year V.index=36.6

#### (3) Project Cost for Improvement of New Water Source for Phanguyl Canal (Nu.)

Description	Unit	Quantity	Unit Price	Amount	Remarks
ntake Works	Unit	1	106.395	106,395	
Canal Type, M7	m	900	1.010	909,000	
Canal Type, S9	m	1,350	33	44,550	
Dihers	LS		Control of the Contro	317,983	and the second s
Protection Works	LS	COLUMN COLUMN CONTRACTOR DE LA COLUMN CO		964,550	
Sub-Total				2,342,478	Addition of the spring material property and transcondings.
D/M Cost	LS		TO THE SHIP BUT IN THE PROPERTY AND WAS INVESTIGATION OF THE PROPERTY OF THE P	936.991	for 20 years
Total Project Cost				3,279,470	for 20 years
for lyear)	- Carrier Constitution			(163,973)	for 1 year

#### (4) Cost Estimation For Diversification (1/2)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (Vs)
Cl	Upper Lobeysa	61	7.1		Remarks
Description	Unit	Quantity:	Unit Price	Amount	for 20 years
D/M Cost	km	7.10	18,000		*
Miscellaneous	L.S.		•	1	for 20 years
Sub Total		:	ļ	204,480	
(for 1 years)				10.224	esyrtanya programmani ya cipromisir arabin 1888.
Canal Code	Name	Command Area (ha)		Design Dis	charge (l/s)
C2	Lower Lobeysa	300	8.1	**************************************	
Description	Unit	Quantity	Unit Price	Amount	Remarks
D/M Cost	km	8.10	18,000		for 20 years
Miscellaneous	L.S.		46.14		for 20 years
Sub Total				233,280	1.0
(for 1 years)				11,664	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C9	Bajo Canal	143	15		
	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	15.00	18,000	270,000	for 20 years
Miscellaneous	L.S.			162,000	for 20 years
	L.3.			432,000	
Sub Total					
(for 1 years)				21.600	
			On all coath (leas)	Decign Dis	charge (I/s)
Canal Code	Name	Command Area (ha)		Design Dis	charge (na)
C10	Phangyul	91	16	A	Remarks
Description	Unit	Quantity	Unit Price	Amount	The same of the sa
O/M Cost	km	16.00	18,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				403,200	
(for 1 years)				20,160	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Di	scharge (Vs)
C15	Gemka	15	3.5	, , , , , , , , , , , , , , , , , , ,	
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3.50	18,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				88,200	
040 3 0\ai					
(for 1 years)				4,410	

#### (4) Cost Estimation For Diversification (2/2)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C18	Nalakha	29	3.9		<b>3.</b> (* *)
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3.90	18,000	And the second s	for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				98,280	
(for 1 years)			·	4.914	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C19	Rutekha	40	2.2	Design Di.	Kitaigo (B3)
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	2.20	18,000	NATIONAL PROCESSIONAL AND REPORTED BY	for 20 years
Miscellaneous	L.S.		10,000		for 20 years
Sub Total	<b>12.0</b> ,			55,440	
300 10121				35,440	• •
(for 1 years)			· ·	2,772	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C20	Maphekha	27	2.2		
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	2.20	18,000	ANNERSON THE RESIDENCE WHEN THE PARTY OF THE	for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total	2.0.			55,440	
(for I years)				2,772	:
(					
Canal Code	Name	Command Area (ha)	Canal Length (km)	Decion Dic	charge (I/s)
C21	Navkovuwa	24	1.7	Design Dis	chargo (BS)
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.70	18,000	The same accompany of the contract of	for 20 years
Miscellaneous	L.S.	•	.0,000	The state of the s	for 20 years
Sub Total	<b>3</b> .0.			42,840	
030 10.2.				72,010	
(for 1 years)				2,142	
(101 - 101)				2.172	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Decian Die	charge (I/s)
C22	Rumina	Command Area (ha) 28		Design Dis	charge (I/s)
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.10	18,000	THE RESIDENCE OF THE PARTY OF T	for 20 years
Miscellaneous	L.S.		10,000		for 20 years
Sub Total			i i i	27.720	
				27.720	
(for 1 years)				1,386	
(101.)(013)	*			1,.100	

# (5) Cost Estimation for Applying Double Paddy Cropping (1/8) (20%)

The second second					SOUND REPORTED THE STREET OF THE SECOND
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Discharge (Vs)	
Cl	Upper Lobeysa	61	7.1	17	7
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	7.10	27,000		for 20 years
Miscellaneous	L.S.			· ·	for 20 years
Sub Total	•			306,720	
(for 1 years)				15,336	
	Alexander and the second	Command Area (ha)	Canal Langth (km)	Decian Dic	charge (l/s)
Canal Code	Name	300	8.1	Design Dis	
C2	Lower Lobeysa	PARTICIPATION OF THE PROPERTY OF THE PARTY.		Color and Color	Remarks
Description	Unit	Quantity	Unit Price	Amount	for 20 years
O/M Cost	km	8.10	27,000		
Miscellaneous	L.S.				for 20 years
Sub Total				349,920	
÷					
(for 1 years)				17,496	
			Constitution of the state of th	Docion Die	charge (l/s)
Canal Code	Name	Command Area (ha)			charge (vs)
C9	Bajo Canal	143	15		
CONTRACTOR OF THE PARTY OF THE	Unit	Quantity Quantity	Unit Price	Amount	Remarks
O/M Cost	km	15.00	27,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				652,050	
(for 1 years)				32.603	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C10	Phangyul	91	16		36
Description	Unit	Quantity:	Unit Price	Amount	Remarks
O/M Cost	km	16,00	27,000	432,000	for 20 years
Miscellaneous	L.S.			172.800	for 20 years
Sub Total				604,800	
0.00					
(for 1 years)				30,240	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C15	Gemka	15	3.5		11
Description	Unit	Quantity:	Unit Price	Amount	Remarks
O/M Cost	km	3.50	27,000	94,500	for 20 years
Miscellaneous	L.S.		1	37,800	for 20 years
Sub Total		4		132,300	
(for 1 years)				6,615	
	And the state of t		Language and the second	Land to the second	La reservation of the

# (5) Cost Estimation for Applying Double Paddy Cropping (2/8) (20%)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Discharge (1/s)	
C18	Nalakha	29	3.9	7	7
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3.90	27,000	105,300	for 20 years
Miscellaneous	L.S.		·	42,120	for 20 years
Sub Total				147,420	
(for 1 years)				7,371	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C19	Rutekha	40	2,2	10	)5
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	2.20	27,000	59,400	for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total	<b>D</b> .0.			83,160	• • • •
Suo rota:	·			:	
(for 1 years)			:	4,158	+
				PROPERTY AND PERSONS ASSESSED FOR MANAGEMENT AND PARTY.	
Canal Code	Name	Command Area (ha)		Design Dis	charge (I/s)
C20	Maphekha	27	2.2	7	
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	2.20	27,000		for 20 years
Miscellaneous	L.S.		A STATE OF THE STA	23,760	for 20 years
Sub Total				83,160	
(for 1 years)				4,158	
			1 1	:	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C21	Naykoyuwa	24	1.7	6	1
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.70	27,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total	,			61,260	
Suo Itilai					
(for 1 magre)				3,213	
(for 1 years)				J.£1.,	
			Caroli and disc	Daving Die	shara ()/s\
Canal Code	Name	Command Area (na)			charge (I/s)
C22	Rumina	28	1.1		
Description	Unit	Quantity:	Unit Price	Amount	Remarks
O/M Cost	km	1.10	27,000	29,700	
Miscellaneous	L.S.				for 20 years
Sub Total				41,580	
		■ 主旨 「新」、資金			1
(for 1 years)				2,079	1.3
		1			

# (5) Cost Estimation for Double Paddy Cropping (3/8) (40%)

			Complete and dead	Docion Dice	hace (1/c)
Canal Code	Name	Command Area (ha)		Design Discharge (1/s) 159	
Cl	Upper Lobeysa	61	7.1	Suntainment of the second	CONTRACTOR OF STATE O
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	7.10	45,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				511.200	
(for 1 years)			·	25,560	ng congression yeogoaun bill being
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C2	Lower Lobeysa	300	8.1	78	32
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	8.10	45,000	364.500	for 20 years
Miscellaneous	L.S.			218,700	for 20 years
Sub Total	5,0.			583,200	
Suo rotai					
(for 1 years)				29.160	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (I/s)
C9	Bajo Canal	143	15	3'	77
	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	15.00	45,000	675,000	for 20 years
Miscellaneous	L.S.			418,500	for 20 years
Sub Total	2.3			1,093,500	
SHO FORM					
(for 1 years)				54,675	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C10	Phangyul	91	16		11
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	16.00	45,000		for 20 years
Miscellaneous	L.S.	.5.00	12.000		for 20 years
Sub Total	1			1,008.000	
300 10tat					
(for Langua)				50,400	
(for 1 years)		Description		30.400	
	-	Comment Area (tra)	Conal Lanath (lens)	Decion Die	charge (Us)
Canal Code	Name	Command Area (ha)	3 · = . · ·		i6
C15	Gemka	15	3.5	THE REPORT OF THE PARTY AND THE PARTY AND THE PARTY.	Remarks
Description	Unit	Quantity	Unit Price	Amount	for 20 years
O/M Cost	km	3.50	45,000		
Miscellancous	L.S.				for 20 years
Sub Total				220,500	
	1 1				
(for 1 years)	ĺ			11.025	

## (5) Cost Estimation for Double Paddy Cropping (4/8) (40%)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C18	Nalakha	29	3.9	69	
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3.90	A STATE OF THE PARTY OF THE PAR		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total	25.0.		ì	245,700	
500 <b>10</b> 115					
(for 1 years)				12,285	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C19	Rutekha	40	2.2	_	3
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	2.20		99,000	for 20 years
Miscellaneous	L.S.	the second of		39,600	for 20 years
Sub Total				138,600	
(for 1 years)				6,930	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C20	Maphekha	27	2.2		4
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	2.20	THE RESERVE AND ADDRESS OF THE PERSON ASSESSED.		for 20 years
Miscellaneous	L.S.		15,000		for 20 years
Sub Total				138,600	
000 10.01			10.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
(for 1 years)				6,930	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C21	Naykoyuwa	24	1.7	· .	4
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.70	45,000	76,500	for 20 years
Miscellaneous	L.S.			30,600	for 20 years
Sub Total		and the second		107,100	
(for I years)				5,355	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C22	Rumina	28	1.1	66	
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.10	45,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				69,300	
(for 1 years)				3,465	

# (5) Cost Estimation for Double Paddy Cropping (5/8) (60%)

Canal Code	Name	Command Area (ha)		Design Discharge (l/s)	
Cl	Upper Lobeysa	61	7.1	Contraction of the last of the	AND MARKET STREET, STR
Description	Unit	Quantity:	Unit Price	Amount	Remarks
D/M Cost	km	7.10	54,000		for 20 years
Miscellaneous	L.S.	i			for 20 years
Sub Total			<u> </u>	613,440	
(for I years)	. :			30,672	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (l/s)
C2	Lower Lobeysa	300	8.1	69	2
NAME AND ADDRESS OF THE OWNER, WHEN PARTY AND POST OF	Unit	Quantity	Unit Price	Amount	Remarks
Description		8.10	54,000		for 20 years
O/M Cost	km	0.10			for 20 years
Miscellaneous	L.S.			699,840	
Sub Total				992,040	
(for 1 years)		: :		34,992	: ·
Combined the second	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
Canal Code		143	15		14
C9	Bajo Canal	CHARLES BOOK TO THE PARTY OF TH	Unit Price	Amount	Remarks
	Unit	Quantity	54,000		for 20 years
O/M Cost	km	15.00	34.000		for 20 years
Miscellaneous	L.S.			1,312,200	101 20 (6315
Sub Total				1,312,200	
				25.010	
(for 1 years)				65,610	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C10	Phangyul	91	16	1	85
CHARLES THE RESERVE OF THE PERSON NAMED IN	THE RESIDENCE AND PARTY OF THE	Quantity	Unit Price	Amount	Remarks
Description	Unit	16.00			for 20 years
O/M Cost	km	10.00	34.000		for 20 years
Miscellaneous	L.S.			1,209,600	1
Sub Total				1,203,000	
				60,480	
(for 1 years)				00,400	
Canal Code	Name	Command Area (ha)			scharge (l/s)
C15	Gemka	15	3.5		32
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3,50	The state of the latest desired to the state of the state		for 20 years
Miscellaneous	L.S.				for 20 years
1	10.0			264.600	
Sub Total					
(for 1 years)				13,230	

# (5) Cost Estimation for Double Paddy Cropping (6/8) (60%)

Canal Code	Name	Command Area (ha)		Design Discharge (Vs)	
C18	Nalakha	29	3.9		THE RESIDENCE WAS DESCRIBED TO THE
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3.90	54,000		for 20 years
Miscellaneous	L.S.		•		for 20 years
Sub Total				294,840	•
(for 1 years)				14,742	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (l/s)
C19	Rutekha	40	2.2	<u> </u>	2
Description	Unit	Quantity:	Unit Price	Amount	Remarks
O/M Cost	km	2.20	54,000	118,800	for 20 years
	L.S.	2.00			for 20 years
Miscellaneous	L.J.			166,320	· ·
Sub Total				-	
(for I years)				8,316	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (1/s)
C20	Maphekha	27	2.2	5	6
Description	Unit	Quantity	Unit Price	Amount	Remarks
The state of the s	km	2.20	54,000		for 20 years
O/M Cost	:	2.20	3 7,000		for 20 years
Miscellaneous	L.S.			166,320	ioi zo jenio
Sub Total				100,320	
(for 1 years)				8,316	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C21	Naykoyuwa	24	1.7	- 4	7
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.70	54,000		for 20 years
	L'S.	1			for 20 years
Miscellaneous	D.S.			128,520	
Sub Total				120,02	
				6.426	
(for 1 years)				0.420	
				Daries Die	L
Canal Code	Name	Command Area (ha)		Design Discharge (l/s)	
C22	Rumina	28	1.1		8
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.10	54,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				83,160	
					1
A Company of the Comp	1		the state of the s		
(for 1 years)				4,158	i na ta

# (5) Cost Estimation for Double Paddy Cropping (7/8) (100%)

	grand to the contract of the last three contracts the contract of the contract		-	and the second s	A AND REAL PROPERTY AND REAL P
Canal Code	Name	Command Area (ha)		Design Discharge (l/s)	
Cl	Upper Lobeysa	61	7.1	15	· Teneral Water State State College Co
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	7.10	63,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				715,680	
(for 1 years)			; ; ;	35,784	Name to the control of the second of the sec
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C2	Lower Lobeysa	300	8.1	70	54
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	8.10	63,000	510,300	for 20 years
Miscellaneous	L.S.			306,180	for 20 years
Sub Total		1.7,		816,480	
0.00 101					
(for I years)		:		40,824	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C9	Bajo Canal	143	15	31	70
	Unit	Quantity:	Unit Price	Amount	Remarks
O/M Cost	km	15.00	63,000	945,000	for 20 years
Miscellaneous	L.S.			585,900	for 20 years
Sub Total				1,530,900	
300 1000.					
(for 1 years)				76,545	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C10	Phangvul	91	16	20	08
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	16.00	63,000	1,008,000	for 20 years
Miscellaneous	L.S.			403,200	for 20 years
Sub Total				1,411,200	
(for 1 years)				70,560	
(101 1 10113)					
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (1/s)
C15	Gemka	15	3.5		6
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3.50	Control of the Contro		for 20 years
Miscellaneous	L.S.	]			for 20 years
Sub Total	. <b>D,3.</b> /			308,700	
300 10(3)				300,700	
(for Lucare)				15,435	
(for 1 years)	1				
	L	1	L		

# (5) Cost Estimation for Double Paddy Cropping (8/8) (100%)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Discharge (Vs)	
C18	Nalakha	29	3,9	66	
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	3,90	63,000	245,700	for 20 years
Miscellaneous	L.S.			98,280	for 20 years
Sub Total	2.2			343,980	·
540 104					
(for 1 years)		:		17,199	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Us)
C19	Rutekha	40	2.2	9	2
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	2.20	63,000	138,600	for 20 years
Miscellaneous	L.S.			55,440	for 20 years
Sub Total				194,040	1
(for 1 years)	: :			9,702	
			Corol Langth (km)	Design Dis	charge (1/s)
Canal Code	Name	Command Area (ha) 27	2.2	Design Dis	
C20	Maphekha		NAME OF TAXABLE PARTY OF TAXABLE PARTY.		Remarks
Description	Unit	Quantity 2.20	Unit Price	Amount	THE RESERVE AND PARTY OF THE PA
O/M Cost	km	2.20	63,000		for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total				194,040	
				0 703	1.1
(for 1 years)				9.702	
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C21	Naykoyuwa	24	1.7		3
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.70	63,000	107,100	for 20 years
Miscellaneous	L.S.				for 20 years
Sub Total	2.3.			149,940	•
000 1000					
(for 1 years)				7,497	
(ioi i teais)					
Canal Code	Name	Command Area (ha)	Canal Lenoth (km)	Design Dis	charge (l/s)
C22	Rumina	Command Area (na)	1.1	Design Discharge (I/s) 65	
Description	Unit	Quantity	Unit Price	Amount	Remarks
O/M Cost	km	1.10	63,000		for 20 years
Miscellaneous	L.S.		05,000		for 20 years
Sub Total	2.0.	l <sub>a</sub> r		97,020	
Suo Ivai				7,,320	
(for 1 years)				4,851	
(IOI I YEARS)				4.001	,
		<u> </u>	Total super purple production of the superior		

#### (6) Cost Estimation for Combination of Improvement Plan (Case AB 1/2)

Carl Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l s)
Canal Code Cl	Upper Lobeysa	61	7.1	11	
	Unit	Quantity	Unit Price	Amount	Remarks
Description	Unii	Vosnar			for I year
Net Cost for Canal Improvement					
Water Management Cost		٦,	1,800	12,780	
O M Cost	lkm	7.1	1,000	4.925	
Miscellaneous	L.S.		·		
Sub Total				17.705	
	. !				
Net Cost for Case AB	ĺ			49,821	for I year
					Married Street, Street
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (1 s)
C2	Lower Lobeysa	300	8.1	5-	10
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement				172,736	for I year
Met Cost for Canal Improvement				•	·
Water Management Cost	Į.		i	* .	
Water Management Cost	km	8.1	1,800	14,580	,
O M Cost			1,000	11,602	1
Miscellaneous	L.S.	(		26,182	1
Sub Total				20,102	
				100 010	for Lyane
Net Cost for Case AB		1		178,718	for I year
<u> </u>				on the control of the	
Canal Code	Name	Command Area (ha)	Canal Length (km)		charge (I s)
C9	Bajo Canal	143	15	2	60
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement				59,912	for 1 year
ite cost for canal improvement					
Water Management Cost					
■	1	1	1.800	27,000	
O M Cost	km	"	1.000	10.486	L
Miscellaneous	L.S.			37,486	1
Sub Total				.,,,,,,,,	
				01.200	for I year
Net Cost for Case AB	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		91.398	lot i vear
				***************************************	
Canal Code	Name		Canal Length (km)		scharge (I s)
Cio	Phangyul	91	16		50
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		149.760	for I year
Water Management Cost		111111			
OM Cost	km	16	1.800	28.800	
Miscellaneous	L.S.			8.616	<b> </b>
Sub Total		the state of the state of		37,416	i]
300 1000	1 :				
h	1			187 174	for I year
Net Cost for Case AB	1 1 1 V				1
nic ping programme, has then my replacement the street which whether				D.:D:	scharge (l's)
Canal Code	Name		Canal Length (km)		scharge (1 s) 26
C15	Gemka	15	3.5	THE PERSON NAMED IN COLUMN TWO	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement	1			4,325	for I year
	1 .				
Water Management Cost					14 1 1 4 3
OM Cost	km	3.5	1,800	6,300	
Miscellaneous	LS.	]:		1.72	
■ MISCELIARCOUS	U.S.	1		8.02	
	1			A.07	
Sub Total				8.02	
Sub Total					
					for 1 year

#### (6) Cost Estimation for Combination of Improvement Plan (Case AB 2/2)

Canal Code	Name	Command Area (ha)		-	charge (1 s)
C18	Nalakha	29	3.9	BUTCHE & THE WALKERSON PROPERTY	8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement				4,323	for Lyear
Water Management Cost				THE STREET PARTY STEERING STREET, STRE	ACTION AND THE PROPERTY OF THE PARTY OF THE
OM Cost	km	3.9	1,800	7.020	1
Miscellaneous	L.S.			2.592	•
Sub Total				9.612	Ì
Net Cost for Case AB	7:			13.937	for I year
Canal Code	Name	Command Area (ha)	Const Lenoth (Irm)	Design Dis	 scharge (  s)
Canal Code C19	Rutckha	40	2.2		55
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	THE RESERVE OF THE PARTY OF THE	to the state of th		THE RESERVE AND PARTY AND PERSONS ASSESSMENT AND	ما المؤلفات الذي والمان بالكريس والمراول والمؤلفات والأدوال والمؤلفات والأدوال والأدوال
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement	*.		:	29,161	for I year
Water Management Cost		:			
O M Cost	km	2.2	1,800	3,960	
Miscellaneous	L.S.			2.865	
Sub Total		:		6.825	
4-2 - 4-4-1					
Net Cost for Case AB				35.986	for I year
Canal Code	Name	Command Area (ha)		-	scharge (l s)
C20	Maphekha	27	2.2		ls <del>processes and an</del>
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement				33,833	for I year
Water Management Cost					1
O M Cost	km	2.2	1.800	3.960	1.44
Miscellaneous	L.S.			2,277	
Sub Total	]			6.237	1
Sab Total			4 2 7 4	0.23	
11.0				10.070	for 1 year
Net Cost for Case AB			•	40.070	lor I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Di	scharge (1 s)
C21	Navkovuwa	24	17		10
Description	Unit	Quantity:	Unit Price	Amount	Remarks
Net Cost for Canal Improvement	000				for I year
Net Cost for Canal Improvement				12.000	lor i sea
Water Management Cost		l		2.040	
OM Cost	km	1.7	1,800	3.060	
Miscellaneous	L.S.			1,800	
Sub Total				4.860	•
				4 (4 ft)	
Net Cost for Case AB				24,660	for I year
		h.,	<u> </u>		
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Di	scharge (l's)
C22	Rumina	28	1.1	and the second s	50
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improvement		7	27111111		for I year
rece cost for Canal Improventent			[ ·	,,,,,,,,	
	I		] · ·		
			1		1
Water Management Cost	Late 42 to 1		التمعيث ا		
O M Cost	km	3.1	1,800	1.980	
	km L.S.	3.1	1,800	1,346	
O M Cost		3.1	1,800	* * * * * * * * * * * * * * * * * * * *	
O M Cost Miscellaneous		in the first	1,800	1,346 3,326	

# Cost Estimation for Conbination of Improvement Plan (Case AC, AB, ABC)

		geriena e anoma e maneri activismo de la compansión de la compansión de la compansión de la compansión de la c	THE PERSON OF THE PERSON NAMED IN COLUMN TWO
Canal Code	Name	Command Area (ha)	Canal Length (km)
C10	Phangyul	91	18.2

Case AC	Design	Discharge (Us)	240		
Description	unit	Quantity	Unit Price	Amount	Remark
Net Project C	ost for Water	Management Impro	vement		
	km	18.2	3,231	58.803	for one year
Net Project C	ost for Water	Source Improvemen	nt		
	L.S.			163.973	for one year
Nev Project (	Cost for Case	AC		222,776	for one year
					THE RESERVED THE PROPERTY OF THE PERSON NAMED IN

Case BC	Design	Discharge (l/s)	150		
Description	unit	Quantity	Unit Price	Amount	Remark
Net Project C	ost for Canal	Improvement			
	L.S.			149,760	for one year
Net Project C	ost for Water	Source Improvement			
	L.S.			163,973	for one year
Ney Project C	ost for Case	AC	1	313,733	for one year

Case ABC	Design Dis	charge (l/s)	150		
Description	unit .	Quantity	Unit Price	Amount	Remark
Net Project Cos	for Water M	anagement Improv	ement	Λ -	
	L.S.			37.416	for one year
Net Project Cos	for Canal In	provement			
	L.S.			149.760	for one year
Net Project Cos	for Water So	urce Improvement			
	L.S.			163.973	for one year
Ney Project Cos	t for Case AC			351,149	for one year

#### Cost Estimation for Conbination of Improvement Plan (Case AD 1/2)

	THE RESIDENCE OF STREET	n yan markan kutukan di dan dalam kutu markan kutu markan kutu dan dalam kutu markan kutu markan kutu markan k	and the second s		
Canal Code	Name	Command Area (ha)			
Cl	Upper Lobevsa	61	7.1	***************************************	Remarks
Description	Unit	Quantity	Unit Price	Amount	Kemaiks
Net Project Cost for		ent		20.551	for one years
	L.S.			29,551	for one years
Net Project Cost for I				10.531	for one years
	L.S.	i		10,224	for one years
				20 775	for one years
Net Project Cost for (	ase AD			39,113	ioi one years
	TO THE PARTY OF TH		O A Land		
Canal Code	Name	Command Area (ha)			
C2	Lower Lobeysa	300	8.1		Parameter and a large
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Project Cost for		nt		40 410	<b>6</b>
	L.S.			69,010	for one years
Net Project Cost for I				11.201	<b>6</b>
	L.S.			11,054	for one years
				01.054	
Net Project Cost for	Case AD			81,274	for one years
Canal Code	Name	Command Area (ha)			
<b>C</b> 9	Bajo Canal	143	15		
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Project Cost for		ent			
	L.S.			62.918	for one years
Net Project Cost for				21.600	
	L.S.			21,600	for one years
			·	0	
Net Project Cost for	Case AD			81,218	for one years
					THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NA
Canal Code	Name	Command Area (ha)			
C10	Phangvul	91	16		
Description '	Unit	Quantity	Unit Price	Amount	Remarks
Net Project Cost for	1	ent			
	L.S.			51,695	for one years
Net Project Cost for					
	L.S.			20,160	for one years
				21.055	
Net Project Cost for	Case AD			71,855	for one years
		-	0-12-13		
Canal Code	Name	Command Area (ha)			
C15	Gemka	15	3,5	A	Pamaria
Description	Unit	Quantity	Unit Price	Arnount	Remarks
Net Project Cost for		ent		10.20	(A. A. A
	L.S.			10,363	for one years
Net Project Cost for					605 000 0000
	L.S.			4,410	for one years
				3 4 777	for one wase
Net Project Cost for	Case AD			14.773	for one years
	[		1	L	I

### Cost Estimation for Conbination of Improvement Plan (Case AD 2/2)

	Name (	Command Area (ha)		Andrew Barbar (1997) and the second s	
Canal Code	Naiakha Naiakha	29	3.9		
C18	Unit	Quantity	Unit Price	Amount	Remarks
Description		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OWNER, WHEN THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OWN	CONTRACTOR DESCRIPTIONS	THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED I	AND DESCRIPTION OF THE PERSON
let Project Cost for W	L.S.	11		15,551	for one years
let Project Cost for D					
iet Project Cost for D	L.S.	į.		4,914	for one years
	12.0.	·	ļ		
Net Project Cost for C	ase AD	·		20,465	for one years
			THE RESIDENCE OF THE PROPERTY		AND DESCRIPTION OF THE PARTY OF
Canal Code		Command Area (ha)	Canal Length (Km)		•
C19	Rutekha	40	2.2	property and a property of the state of	Remarks
Description	Unit	Quantity	Unit Price	Amount	Remarks
let Project Cost for V	Vater Manageme	nt		17.100	C
1	L.S.	4.		17,190	for one years
Net Project Cost for D	Diversification		. '		
1	L.S.		4	2,772	for one years
				19.962	for one years
Net Project Cost for C	ase AD	•			
		Command Area (ha)	Canal Length (km)		
Canal Code		27	2.2		
C20	Maphekha		Unit Price	Amount	Remarks
Description	Unit	Quantity	Olli File	Minount	
Net Project Cost for		nt		13.660	for one years
	L.S.			1.5,000	Tol Olio years
Net Project Cost for I	Diversification			2.77	for one years
	L.S.			2.112	Tor one years
				16 133	for one vector
Net Project Cost for	Case AD			10.432	for one years
C Codo	Name	Command Area (ha)	Canal Length (km)		
Canal Code	Naykoyuwa	24	17		
C21	WHEN PERSON WHEN P	Quantity	Unit Price	Amount	Remarks
Description	Unit	the same of the sa	Omerico		
Net Project Cost for		ent		10.79	for one years
	L.S.				
Net Project Cost for				2 1.1	2 for one years
	L.S.				e lor one reals
		2000年1月1日 - 1880年1日 - 1880年11日 - 1		12.01	I for one years
Net Project Cost for	Case AD			12.74	1 for one scars
Canal Code	Name		Canal Length (km)		
C22	Rumina	28	1.1	A me a mark	Remarks
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Project Cost for	Water Managem	ent a jaj		0.05	7 for one years
	L.S.			8,07	7 for one years
Net Project Cost for	Diversification				
	L.S.		【海里集集》(4)	1.38	6 for one years
Net Project Cost for	Case AD			9.46	3 for one years

# Cost Estimation for Combination of Improvement Plan (Case BD 1/8) (5%)

0

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	
Cl	Upper Lobeysa	61	7.1	10	CONTRACTOR DESCRIPTION OF THE PARTY OF THE P
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal In	THE PERSON NAMED IN COLUMN 2 I	CARROLLE EN BOLLES CONTRACTOR CON		:	
	LS			30,510	for one year
Net Cost for Diversif	ication				_
	L.S.			10,224	for one year
Net Project Cost for	Case BD-1	* 4			
	L.S.			40,734	for one year
	3				
Canal Code	Name	Command Area (ha)		Design Dis	
C2	Lower Lobeysa	300	8.1	<u> </u>	A CALLED THE PARTY OF THE PARTY
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement				
	L.S.			164.099	for one year
Net Cost for Diversil	fication				
	L.S.			11,664	for one year
Net Project Cost for	Case BD-1				
· -	L.S.			175,763	for one year
Canal Code	Name	Command Area (ha) Canal Length (km		<del>-</del> .	charge (l/s)
C9	Bajo Canal	143	15	2-	18
	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement				
	L.S.			56,916	for one year
Net Cost for Diversit	lication .	A Landau Control			
	L.S.			21.600	for one year
Net Project Cost for	Case BD-1			A Company	
	L.S.			78,516	for one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	-	charge (Vs)
C10	Phangyul	91	16	. 1:	39
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement				
	L.S.			142,272	for one year
Net Cost for Diversi	fication				
	L.S.			20,160	for one year
Net Project Cost for	Case BD-1				
	L.S.			162,432	for one year
	and the second				A140
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C15	Gemka :	15	3.5	2	4
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal 1			1 /		
	L.S.			4,109	for one year
11 to 11 to 12 to 15		· · · · · · · · · · · · · · · · · · ·	1. 1. 1. 1. 1. 1.	<b>1</b>	
Net Cost for Diversi					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Net Cost for Diversi				4,410	for one year
	fication L.S.				
Net Cost for Diversi Net Project Cost for	fication L.S.				for one year

# Cost Estimation for Combination of Improvement Plan (Case BD 2/8) (5%)

	han konsassionise conclusionis suppl		Samuel of the same	CHARLES CONTRACTOR CON	-1 41/->
Canal Code	Name	Command Area (ha)		Design Dis	
C18	Nalakha	29	3.9	-	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal In				1.100	
l.,	L.S.			4,109	for one year
Net Cost for Diversif	1			بنمنا	for and stone
	L.S.		. •	4,914	for one year
Net Project Cost for		·		0.022	for one year
	L.S.			9,023	tot oue keat
412422	THE THE PERSON AND PERSONS		Caral Langeth (Line)	Design Dis	oboco (1/c)
Canal Code	Name	Command Area (ha) 40	2.2	Design Dis	
C19	Rutekha			CONTRACTOR OF THE PROPERTY OF	Remarks
Description	Unit	Quantity	Unit Price	Amount	Remains
Net Cost for Canal I				37 703	C
	L.S.	,	1	27,703	for one year
Net Cost for Diversif				2.332	c
	L.S.			2.112	for one year
Net Project Cost for				20 135	<b>.</b>
	L.S.		1	30.473	for one year
	and the state of t				
Canal Code	Name	Command Area (ha)			charge (Vs)
C20	Maphekha	27	2.2		2
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	1 7				
	L.S.			32,141	for one year
Net Cost for Diversif					
	L.S.			2.772	for one year
Net Project Cost for				2.012	
	L.S.			34,913	for one year
				******	-1 (1/-)
Canal Code	Name	Command Area (ha)			charge (l/s)
C21	Naykoyuwa	24	1.7		6
Description	Unii	Quantity :	Unit Price	Amount	Remarks
Net Cost for Canal I					
	L.S.			18,810	for one year
Net Cost for Diversit	fication				
	L.S.			2,142	for one year
Net Project Cost for	•				
	L.S.			20,952	for one year
		-			
Canal Code	Name	Command Area (ha)			charge (l/s)
C22	Rumina	28	1.1		1
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I			电弧电弧 化二氯甲基甲基		
	L.S.			28,937	for one year
Net Cost for Diversi					
	L.S.			1,386	for one year
Net Project Cost for				44.4-4	<b>.</b>
	L.S.			39,323	for one year
			LO DESCRIPTION AND PARTY AND PARTY.		
					the second secon

# Cost Estimation for Combination of Improvement Plan (Case BD 3/8) (10%)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
Cl	Upper Lobeysa	61	7.1	1(	X()
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I		:		20.001	<b>.</b>
	L.S.			28.904	for one year
Net Cost for Diversif				10 224	for one year
Net Project Cost for	L.S.			10,224	tor one year
Net Project Cost for	L.S.			39,128	for one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C2	Lower Lobeysa	300	8.1	4:	92
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	Language was produced to the second s	The second line was a second line with the second	The grant has deep contract to the contract to the contract. What the contract to		
	L.S.			155,463	for one year
Net Cost for Diversit	•				· [
. [	L.S.			11,664	for one year
Net Project Cost for	Case BD-2				
	L.S.			167,127	for one year
Canal Code	Name	Command Area (ha)		<del>-</del> .	charge (Vs)
C9	Bajo Canal	143	15		38
	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I				62.031	<b>6</b>
	Į LS			53,921	for one year
Net Cost for Diversit				21.600	for one year
N-a D-air-a Coas for	L.S.			21.000	noi one year
Net Project Cost for	L.S.			75 521	for one year
the first terms of	L.S.			75.521	ioi one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	scharge (1/s)
C10	Phangvul	91	16	•	33
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement				
	L.S.			134,784	for one year
Net Cost for Diversi	fication				
	L.S.			20,160	for one year
Net Project Cost for	Case BD-2				
	L.S.	1		154.944	for one year
			The second secon		
Canal Code	Name	Command Area (ha)		_	scharge (I/s)
C15	Gemka	15	3,5	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	3
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	• -			2003	for one was
	L.S.			3,893	for one year
Net Cost for Diversi	The second secon			4 416	for one year
N. D	L.S.			4,410	ioi one year
Net Project Cost for	•			8 303	for one year
	L.S.			0,503	No one jear

# Cost Estimation for Combination of Improvement Plan (Case BD 4/8) (10%)

Canal Code	Name	Command Area (ha)	- L		_
C18	Nalakha	29	3.9	1	Carrier and American State of the Control of the Co
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I		<b>]</b>		:	
	L.S.			3,893	for one year
Net Cost for Diversif		• •			
	L.S.		:	4.914	for one year
Net Project Cost for	•		: ]	0.007	
	L.S.			8,807	for one year
anasanensina artiseksina arabeiksi kiriksi (s. 1900-1900)		Carronia de la carro	COLUMN BURNEY SEASON BURNEY SE		****
Canal Code	Name	Command Area (ha)			_
C19	Rutekha	40	2.2		9
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I					<u>.</u>
	L.S.			26.245	for one year
Net Cost for Diversif			11 14 14 14 14 14 14 14 14 14 14 14 14 1		
	L.S.			2,772	for one year
Net Project Cost for					
<b>:</b>	L.S.			29.017	for one year
			<del>virus proportionis de la compositionis</del>		
Canal Code	Name	Command Area (ha)		the state of the s	
C20	Maphekha	27	2.2		()
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I				30.400	
	L.S.			30,430	for one year
Net Cost for Diversif				2.772	<b>6</b>
	L.S.			2.172	for one year
Net Project Cost for	•			22.222	for one year
1.4	L.S.			33.222	ioi one year
	N	Commend Area (ba)	Canal Lanath (km)	Design Dis	sharaa (I/s)
Canal Code	Name	Command Area (ha)	Canar Length (Km)	Design Dis	Charge (DS)
C21	Navkoyuwa	Contract of the Contract of th	Samuel and the second state of the second stat	A manual	Remarks
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I				17 920	for one year
	LS.			17,620	for one year
Net Cost for Diversit	ication I re			2 112	for one year
Net Project Cost for	L.S.			2.142	ioi one year
Net Project Cost for	Lase BD-2			10 062	for one year
	L.S.			17,702	ioi one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Decion Die	charge (l/s)
Canal Code C22	Rumina	28	Canai Lengui (Kin)		2
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I		- Yearing	Omi File	rmount	iviliain3
inci Cost foi Callai il	LS			27 111	for one year
Net Cost for Diversit	▼ 1.4 3				
Her Cost for Diversit	L.S.			1.386	for one year
Net Project Cost for	1			1,30	
Liver i tolece cose tot.			The second second	20.000	l
	1 1.5			1 28.800	HOLOHE VEST
	LS.			28,800	for one year

### Cost Estimation for Combination of Improvement Plan (Case BD 5/8) (15%)

Canal Code	Name	Command Area (ha)	Canal Length (kni)	Design Dis	charge (Vs)
CI	Upper Lobeysa	61	7.1		6
Description	Unit	Quantity:	Unit Price	Amount	Remarks
Net Cost for Canal I	Service of the Control of the Contro	te announcement and the second and t	and the first transfer to the second security of the second secon		
	L.S.	·		27,941	for one year
Net Cost for Diversit	ication				
	L.S.			10,224	for one year
Net Project Cost for	•			20.545	
	L.S.			38,165	for one year
*****	and the second s		Constitution	Decise Die	
Canal Code C2	Name Lower Lobevsa	Command Area (ha) 300	Canai Length (km) 8.1		charge (l/s)
	the desirable water has placed between	CONTRACTOR OF THE PARTY OF THE	Unit Price	Amount	Remarks
Description Net Cost for Canal I	Unit	Quantity:	Out Fire	Vinount	Remarks
Net Cost for Canar II	L.S.			150.280	for one year
Net Cost for Diversif					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Lieu Cost for Differsu	LS	1		11.664	for one year
Net Project Cost for	-3.0.				
	L.S.			161,944	for one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C9	Bajo Canal	143	15	2.	28
	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement				i i fili
	L.S.			52.123	for one year
Net Cost for Diversif				<b>4.</b> 400	
32	L.S.			21,600	for one year
Net Project Cost for				72 722	for one year
	L.S.			13,723	tor one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C10	Phangyul	91	16		27
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I					- 12-15-16-16-16-16-16-16-16-16-16-16-16-16-16-
	L.S.			130.291	for one year
Net Cost for Diversit	ication				
	L.S.			20,160	for one year
Net Project Cost for					
	L.S.			150,451	for one year
	-				
Canal Code	Name	Command Area (ha)			charge (l/s)
C15	Gemka	15 Oceantity	3,5	and the state of t	Pomorko
Description Net Cost for Canal I	Unit	Quantity	Unit Price	Amount	Remarks
inci Cost for Canal II	nprovement L.S.			2 763	for one year
Net Cost for Diversif				3,203	ioi viio joai
inot Cost for Diversit	L.S.			4 410	for one year
Net Project Cost for				.,,,,	1000
	L.S.			8,173	for one year
	<u></u>				
			MANAGE AND REAL PROPERTY.	100000	harmania de la companya della companya de la companya de la companya della compan

# Cost Estimation for Combination of Improvement Plan (Case BD 6/8) (15%)

Canal Code	Name	Command Area (ha)		Design Disc	- 1
C18	Nalakha	29	3.9	28 JULIUS AND AND DESCRIPTION OF THE PERSON NAMED IN	Remarks
Description	Unit	Quantity	Unit Price	Amount	Kenaks
Net Cost for Canal I	L.S.	· :		3.763	for one year
Net Cost for Diversif	L.S.			4.914	for one year
Net Project Cost for	Case BD-1 L.S.			8.677	for one year
Canal Code	Name	Command Area (ha)		Design Dis	
C19	Rutekha	40	2.2	The second secon	6
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement L.S.			25,370	for one year
Net Cost for Diversil	fication L.S.			2,772	for one year
Net Project Cost for					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	L.S.			28.142	for one year
Canal Code	Name	Conumand Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C20	Maphekha	27	2.2	3	8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement				1.44
	L.S.			29.435	for one year
Net Cost for Diversi	fication				
1 7 7 1	LS.			2.772	for one year
Net Project Cost for	Case BD-1				
	L.S.			32,207	for one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C21	Navkovuwa	24	1.7	[	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal J					
	L.S.			17,226	for one year
Net Cost for Diversi	fication				
	L.S.			2,142	for one year
Net Project Cost for					
			1 min		for one year
	L.S.			19,368	
		Command Area (ha)	Canal Length (km)		scharge (Us)
Canal Code C22	L.S.	Command Area (ha) 28	Canal Length (km)	Design Di	scharge (Vs)
Canal Code C22	L.S. Name Rumina	28		Design Di	scharge (I/s)
Canal Code C22 Description	L.S.  Name Rumina  Unit		1.1	Design Di	scharge (Vs)
Canal Code C22	L.S.  Name Rumina  Unit	28	1.1	Design Di	scharge (Vs)
Canal Code C22 Description	L.S.  Name Rumina Unit mprovement L.S.	28	1.1	Design Dis Amount 26,500	charge (l/s) (t)  Remarks  for one year
Canal Code C22 Description Net Cost for Canal I	L.S.  Name Rumina Unit mprovement L.S.	28	1.1	Design Dis Amount 26,500	charge (Us) (t) Remarks
Canal Code C22 Description Net Cost for Canal I	L.S.  Name Rumina Unit mprovement L.S. fication L.S.	28	1.1	Design Dis Amount 26,500	charge (Us) (t)  Remarks  for one year  for one year
Canal Code C22 Description Net Cost for Canal I	L.S.  Name Rumina Unit mprovement L.S. fication L.S.	28	1.1	Design Dis Amount 26,500	charge (1/s) (t) Remarks for one year
Canal Code C22 Description Net Cost for Canal I Net Cost for Diversi	L.S.  Name Rumina Unit mprovement L.S. fication L.S. Case BD-1	28	1.1	Design Dis Amount 26,500	charge (Us) (t)  Remarks  for one year  for one year

# Cost Estimation for Combination of Improvement Plan (Case BD 7/8) (20%)

economic de la company de la c			Const. Longoth (Long)	Design Dis	charge (I/c)
Canal Code	Name	Command Area (ha) 61	Canai Lengin (Kili) 7.1	Design Dis	
Cl	Upper Lobeysa	AND THE RESIDENCE OF THE PARTY	Unit Price	Amount	Remarks
Description	Unit	Quantity	DIRCLICS	UMOONIA	PERSONAL ELLEN GENERAL GENERAL PERSONAL ELLEN GENERAL GENERAL
Net Cost for Canal It	nprovement L.S.			27 299	for one year
Net Cost for Diversif				21,077	101 0110 ,000
Net Cost for Diversi	L.S.			10.224	for one year
Net Project Cost for (		4 .			, , , , , ,
iver reject cost for	LS			37,523	for one year
	10.0	· 			
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C2	Lower Lobeysa	300	8.1	- 1	51
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal In		PERSONAL PROPERTY AND ASSESSMENT OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRE	TO SECURE AND ADDRESS OF THE PARTY OF THE PA		
iver cost for Cassar in	L.S.			146.826	for one year
Net Cost for Diversit			. *		
THE COSCION DIVISIO	L.S.			11.664	for one year
Net Project Cost for					:
ince Project Cost for	L.S.			158,490	for one year
	<b>D</b> .O.				
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C9	Bajo Canal	143	15		18
*CCARCOVICATION CONTRACTOR	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	COMPANIES CAN PROPERTY OF THE PARTY OF THE P	Quantit	Old Tive		
Tree Cost for Canal II	L.S.			50,925	for one year
Net Cost for Diversif	, , , , =			:	
	L.S.			21,600	for one year
Net Project Cost for					•
	L.S.			72,525	for one year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C10	Phangvul	91	16	_	21
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement	A Company of the Control of the Cont		Control of the second s	;
	L.S.			127.296	for one year
Net Cost for Diversit	fication				
	L.S.			20,160	for one year
Net Project Cost for	Case BD-1				
	L.S.			147,456	for one year
		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	scharge (Vs)
C15	Gemka		3.5		21
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	mprovement				
	L.S.			3,676	for one year
Net Cost for Diversi	lication				
	L.S.			4,410	for one year
Net Project Cost for	Case BD-1			:	1.
	L.S.			8,086	for one year
		L			
The state of the s		فيترون والمراوية والمراوات المراوات المساورة والمراوات المساورة والمراوات المساورة			

# Cost Estimation for Combination of Improvement Plan (Case BD 8/8) (20%)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (l/s)
CI8	Nalakha	29	3.9	3	9
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Is	nprovement				-
	L.S.		·	3,676	for one year
Net Cost for Diversif	ication				
	L.S.			4.914	for one year
Net Project Cost for			:	Ø 30A	for one year
	L.S.			0,000	ioi one year
Comp. Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (1/s)
Canal Code C19	Rutekha	40	2.2	5	- · · · · · · · · · · · · · · · · · · ·
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal In	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE	Y Bantin	A market strategy and a second strategy of the second strategy of th	PRODUCES CHARLES SEEDS WITH SECURITY	A STATE OF THE PARTY OF THE PAR
iver cost to: Canar II	L.S.			24,787	for one year
Net Cost for Diversit				1 4 1	
	L.S.		. 1	2.772	for one year
Net Project Cost for					4.
	L.S.		<u> </u>	27,559	for one year
<u> </u>			A STANCE OF THE PARTY OF THE PA		
Canal Code	Name	Command Area (ha)			charge (Vs)
C20	Maphekha	27	2.2		7
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I				20 760	Far and took
l.:	L.S.			28,738	for one year
Net Cost for Diversit		4 at 1 - 44 do		2 772	for one year
14 . D	L.S.			2.1,2	lor one year
Net Project Cost for	L.S.			31.530	for one year
	1.3.				
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (1/s)
C21	Navkovuwa	24	1.7	3	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal I	The second second second second second				
	L.S.			16,830	for one year
Net Cost for Diversi	fication				
	L.S.			2,142	for one year
Net Project Cost for					
	L.S.		·	18,972	for one year
garanta julgatu ta sancara masa kala 147.00				D	honor (1/s)
Canal Code	Name		Canal Length (km)		scharge (I/s) 88
C22	Rumina	28 Overtify	Unit Price	Amount	Remarks
Description	Unit	Quantity	Unit Fine	Amount	Ivellates
Net Cost for Canal I	mprovement L.S.			25 891	for one year
Net Cost for Diversi					
INCLUSE TO DIVERSE	L.S.			1,386	for one year
Net Project Cost for			1		
110111030010031101	L.S.		1.5	27,277	for one year
	1				
CONTRACTOR AND ADDRESS OF THE PARTY OF THE P		The second second second second second			:

### Cost Estimation for Combination of Improvement Plan (Case AE 1/4)

Canal Code	Name	ommand Area (hal	Canal Length (km)	Design Disc	harge (Vs)
Canal Code	Upper Lobeysa	61	7.1	17	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manage		MARKET AND DESCRIPTION OF THE PARTY OF THE P		29,551	
Additional Net Cost for Do	while Paddy Cros	oning		1,534	
Net Project Cost for Case		76		31,084 (	or I year
Canal Code	Name	Command Area (hak	anal Length (km)	Design Disc	harge (Vs)
	Lower Lobeysa	300	8.1	87	
C5	AMERICAN SERVICE STREET	Quantity	Unit Price	Amount	Remarks
Description	Unit	Quality	Olat Lice	69,610	
Net Cost for Water Manag-	emeni	!		1.750	
Additional Net Cost for Do		pping			for I year
Net Project Cost for Case /			Constitution of the control of the c	Design Disc	CONTRACTOR SANCTOR COMPANY AND SANCTOR SANCTOR
Canal Code		Command Area (ha	Janas Dengui (Kin	42	
C\$	Bajo Canal	143		desirement and services	Remarks
Description	Unit	Quantity	Unit Price	Amount	Kellialks
Net Cost for Water Manag				62,918	
Additional Net Cost for Do	uble Paddy Cro	pping		3,260	
Net Project Cost for Case	AE-1			The second secon	for 1 year
Canal Code	Name	Command Area (ha	Canal Length (km)	Design Disc	_
C10	Phangyul	91	16	23	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manag				51,695	
Additional Net Cost for De	ouble Paddy Cro	poine	· • • • • • • • • • • • • • • • • • • •	3,024	1
Net Project Cost for Case			·	54,719	for I year
Canal Code	Name	Command Area (ha	Panal Length (km)	Design Disc	harge (Vs)
	Gemka	15	3.5	4	
C15		THE RESERVE AND ADDRESS OF THE PERSON NAMED AND ADDRESS OF THE	Unit Price	Amount	Remarks
Description	Unit	Quantity	Olitifice	10,363	
Net Cost for Water Manag		l		662	
Additional Net Cost for De		bbrug			for I year
Net Project Cost for Case.					
Canal Code	Name	Command Area (ha		Design Dis	_
C18	Nalakha	29	3.9	7	THE RESERVE THE PERSON NAMED IN COLUMN
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manag		,		15,551	]
Additional Net Cost for D	ouble Paddy Cro	pping	14.	737	
Net Project Cost for Case	AE-1				for 1 year
Canal Code	Name	Command Area (ha	Canal Length (km	Design Dis	- , ,
C19	Rutekha	40	2.2	10	5
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manag		3 / 13		17,190	r
Additional Net Cost for D	ouble Paddy Cro	poing		416	
Net Project Cost for Case			* 1	17,606	for 1 year
Canal Code	Name	Command Area (ha	Canal Length (km)	Design Dis	charge (l/s)
C20	Maphekha	27	2.2	7	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manag		X. Silver		13,660	
Additional Net Cost for D	ouble Daddy Co	E. ::		416	
		որբու <u>բ</u>			for 1 year
Net Project Cost for Case	Company of the Compan	'Ammand Arta 'A	Canal Length (Im		charge (1/s)
Canal Code	Name		Canal Length (km)		tharke (n2)
C21	Naykoyuwa	24	1.7	Name and Address of the Owner, where the Party of the Owner, where the Party of the Owner, where the Owner, which is the Owner, which is the Owner, where the Owner, which is the Owner, whi	Remarks
Description	] Unit	Quantity	Unit Price	Amount	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
Net Cost for Water Mana	gement	1	•	10,799	
Additional Net Cost for D		obbrus		321	C 1
Net Project Cost for Case				NAME OF THE PERSON NAMED IN COLUMN	for 1 year
Canal Code	Name		Canal Length (kin		charge (Vs)
C22	Rumina	28	1.1		0
Description	Unit	Quantity	Unit Price	Amount	Remarks
				0.033	
Net Cost for Water Mana	gement	T		8,077	
Net Cost for Water Mana Additional Net Cost for D		opping		208	
Net Cost for Water Mana Additional Net Cost for E Net Project Cost for Case	ouble Paddy Cr	opping		208	

#### Cost Estimation for Combination of Improvement Plan (Case AE 2/4)

Canal Code	Name	Command Area (ha	Canal Lenoth (lan)	Design Disc	tharge (Us)
Canal Code Cl	Name Upper Lobeysa	,	7.1	15	
Description	Unit	Quantity	Unit Price	Amount	Remarks
	AND DESCRIPTION OF STREET	Quantity	Otherne	29,551	
Net Cost for Water Manage Additional Net Cost for Do		nning		2,556	
Net Project Cost for Case /		րիու <del>,</del> ք	1		for 1 year
CONTRACTOR OF THE PROPERTY OF	COLUMN TO A STATE OF THE PARTY	NAME OF TAXABLE PARTY OF THE PA	Constitute of the constitute o	Design Disc	AND REAL PROPERTY AND IN COLUMN TWO IS NOT THE OWNER.
Canal Code	Name	command Area (ha	-	78 Design Dis	
C2	Lower Lobeysa	300	**************************************	-	Remarks
Description	Unit	Quantity	Unit Price	Amount	Kenarks
Net Cost for Water Manage			1	69,610 2,916	. ]
Additional Net Cost for Do		pping	. 1		for 1 year
Net Project Cost for Case /	日本なりには、日本のでは、日本のの日本のでは、日本の日本では、 日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日	Constitution of the second		ar aleman marin marine a traditional de la companya del companya de la companya de la companya del companya de la companya de	
Canal Code	Name	Command Area (ha		Design Dis	· · ·
C9	Bajo Canal	143	15	37	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manage			ŀ	62,918	
Additional Net Cost for Do		pping		5,468	
Net Project Cost for Case /		_			for I year
Canal Code	Name	Command Area (ha	Canal Length (km)	Design Disc	
C10	Phangyul	91	16	21	CONTRACTOR OF THE PARTY OF THE
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manage	ement			51,695	
Additional Net Cost for Do	ouble Paddy Cro	pping		5,040	
Net Project Cost for Case				56,735	for I year
Canal Code	Name	Command Area (ha	Canal Length (km)	Design Dis	charge (l/s)
C15	Gemka	15	3.5	3	6
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manag				10,363	
Additional Net Cost for Do		noine	* 1	1,103	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Net Project Cost for Case					for 1 year
Canal Code	Name	Command Area (ha	Canal Length (km)	Design Dis	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN
	1	29	3.9		9
ርጎያ	r Majarna				
C18	Nalakha Unit	THE PERSON NAMED IN COLUMN	CONTRACTOR OF THE PARTY OF THE		
Description	Unit	Quantity:	Unit Price	Amount	Remarks
Description Net Cost for Water Manag	Unit ement	Quantity	CONTRACTOR OF THE PARTY OF THE	Amount 15,551	
Description Net Cost for Water Manag Additional Net Cost for Do	Unit ement ouble Paddy Cro	Quantity	CONTRACTOR OF THE PARTY OF THE	Amount 15,551 1,229	Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case	Unit ement ouble Paddy Cro AE-2	Quantity pping	Unit Price	Amount 15,551 1,229 16,779	Remarks  for 1 year
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code	Unit ement ouble Paddy Cro AE-2 Name	Quantity pping Command Area (ha	Unit Price  Canal Length (km)	Amount 15,551 1,229 16,779 Design Dis	Remarks  for 1 year  charge (1/s)
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C19	Unit ement ouble Paddy Cro AE-2 Name Rutekha	Quantity pping Command Area (ha	Unit Price  Canal Length (km) 2.2	Amount 15,551 1,229 16,779 Design Dis	Remarks  for 1 year  charge (1/s) 3
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit	Quantity pping Command Area (ha	Unit Price  Canal Length (km)	Amount 15,551 1,229 16,779 Design Dis 9 Amount	Remarks  for 1 year  charge (1/s)
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description Net Cost for Water Manag	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit	Quantity pping Command Area (ha 40 Quantity	Unit Price  Canal Length (km) 2.2	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190	Remarks  for 1 year  charge (1/s) 3
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro	Quantity pping Command Area (ha 40 Quantity	Unit Price  Canal Length (km) 2.2	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693	Remarks  for 1 year charge (1/s) 3 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AE-2	Quantity pping Command Area (ha 40 Quantity	Unit Price  Canal Length (km 22  Unit Price	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883	Remarks  for I year  charge (Vs)  3  Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AE-2 Name	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha	Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km)	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis	Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s)
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AE-2 Name Maphekha	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha 27	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km) 2.2	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis	Remarks  for I year  charge (I/s)  3  Remarks  for I year  charge (I/s)  4
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AE-2 Name Maphekha Unit	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha	Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km)	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount	Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s)
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AF-2 Name Maphekha Unit	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km) 2.2	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660	Remarks  for I year  charge (I/s)  3  Remarks  for I year  charge (I/s)  4
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Cost for Water Manag Additional Net Cost for Do Net Cost for Water Manag Additional Net Cost for Do	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AF-2 Name Maphekha Unit tement	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km) 2.2	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693	Remarks  for I year charge (I/s)  Remarks  for I year charge (I/s)  A Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AF-2 Name Maphekha Unit tement	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 2.2  Unit Price	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353	for I year charge (I/s) 3 Remarks  for I year charge (I/s) 4 Remarks
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Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case /	Unit ement ouble Paddy Cro AE-2  Name Rutekha Unit ement ouble Paddy Cro AE-2  Name Maphekha Unit ement ouble Paddy Cro	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 1.7	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis	Remarks  for 1 year charge (I/s) 3 Remarks  for 1 year charge (I/s) 4 Remarks  for 1 year charge (I/s) 4
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Canal Code C20 Canal Code C20 Canal Cost for Case / Canal Cost for Do Net Project Cost for Case / Canal Code	Unit ement puble Paddy Cro AE-2  Name Rutekha Unit ement puble Paddy Cro AE-2  Name Maphekha Unit ement ouble Paddy Cro AE-2  Name Maphekha Vnit ement ouble Paddy Cro AE-2  Name	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity  pping  Command Area (ha 27)  Command Area (ha 27)	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 2.2  Unit Price	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount	for 1 year charge (I/s) 3 Remarks  for 1 year charge (I/s) 4 Remarks  for 1 year charge (I/s)
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Case / Canal Code C21 Description Net Cost for Water Manag	Unit ement puble Paddy Cro AE-2 Name Rutekha Unit ement puble Paddy Cro AE-2 Name Maphekha Unit ement ouble Paddy Cro AE-2 Name Maphekha Unit ement ouble Paddy Cro AE-2 Name Naykovuwa Unit	Quantity  pping  Command Area (hat 40)  Quantity  pping  Command Area (hat 27)  Quantity  pping  Command Area (hat 24)  Quantity	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 1.7	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799	for I year charge (Vs) 3 Remarks  for I year charge (Vs) 4 Remarks  for I year charge (I/s) 4 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Case / Canal Code C21 Description Net Cost for Water Manag	Unit ement puble Paddy Cro AE-2 Name Rutekha Unit ement puble Paddy Cro AE-2 Name Maphekha Unit ement ouble Paddy Cro AE-2 Name Maphekha Unit ement ouble Paddy Cro AE-2 Name Naykovuwa Unit	Quantity  pping  Command Area (hat 40)  Quantity  pping  Command Area (hat 27)  Quantity  pping  Command Area (hat 24)  Quantity	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 1.7	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536	for I year charge (Vs) 3 Remarks  for I year charge (Vs) 4 Remarks  for I year charge (I/s) 4 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Cost for Water Manag Additional Net Cost for Do	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AE-2 Name Maphekha Unit ement ouble Paddy Cro AE-2 Name Naykoyuwa Unit ement ouble Paddy Cro	Quantity  pping  Command Area (hat 40)  Quantity  pping  Command Area (hat 27)  Quantity  pping  Command Area (hat 24)  Quantity	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 1.7	Amount 15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536	for I year charge (Vs) 3 Remarks  for I year charge (Vs) 4 Remarks  for I year charge (I/s) 4 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Net Project Cost for Case	Unit ement ouble Paddy Cro AE-2 Name Rutekha Unit ement ouble Paddy Cro AE-2 Name Maphekha Unit ement ouble Paddy Cro AE-2 Name Naykoyuwa Unit ement ouble Paddy Cro	Quantity  pping  Command Area (hat 40)  Quantity  pping  Command Area (hat 27)  Quantity  pping  Command Area (hat 24)  Quantity	Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 1.7  Unit Price	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536 11,334	for I year charge (Vs) 3 Remarks  for I year charge (Vs) 4 Remarks  for I year charge (I/s) 4 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code Canal Code	Unit ement ouble Paddy Cro AE-2  Name Rutekha Unit ement ouble Paddy Cro AF-2  Name Maphekha Unit ement ouble Paddy Cro AE-2  Name Naykoyuwa Unit ement ouble Paddy Cro AE-2  Name Naykoyuwa Unit ement ouble Paddy Cro AE-2  Name Naykoyuwa	Quantity  pping  Command Area (hat 40)  Quantity  pping  Command Area (hat 27)  Quantity  pping  Command Area (hat 24)  Quantity	Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 2.2  Unit Price  Canal Length (km 1.7	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536 11,334 Design Dis	for I year charge (Vs) 3 Remarks  for I year charge (Vs) 4 Remarks  for I year charge (I/s) 4 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Canal Code C22 Canal Code C22	Unit ement ouble Paddy Cro AE-2  Name Rutekha Unit ement ouble Paddy Cro AF-2  Name Maphekha Unit ement ouble Paddy Cro AE-2  Name Naykoyuwa Unit ement ouble Paddy Cro AE-2  Name Naykoyuwa Unit ement ouble Paddy Cro AE-2  Name Naykoyuwa Rumina	Quantity  pping  Command Area (ha 40)  Quantity  pping  Command Area (ha 27)  Quantity  pping  Command Area (ha 24)  Quantity  pping  Command Area (ha 24)  Quantity	Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 1 7  Unit Price  Canal Length (km 1 7	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536 11,334 Design Dis	for I year charge (I/s) 3 Remarks  for I year charge (I/s) 4 Remarks  for I year charge (I/s) 4 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C22 Description	Unit ement ouble Paddy Cro AE-2  Name Rutekha Unit ement ouble Paddy Cro AE-2  Name Maphekha Unit ement ouble Paddy Cro AE-2  Name Naykovuwa Unit ement ouble Paddy Cro AE-2  Name Naykovuwa Unit ement ouble Paddy Cro AE-2  Name Naykovuwa Unit ement ouble Paddy Cro AE-2  Name Rumina Unit	Quantity  pping  Command Area (hat 40)  Quantity  pping  Command Area (hat 27)  Quantity  pping  Command Area (hat 24)  Quantity  pping  Command Area (hat 24)  Quantity	Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 1.7  Unit Price	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536 11,334 Design Dis	for I year charge (I/s) 3 Remarks  for I year charge (I/s) 4 Remarks  for I year charge (I/s) 4 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C22 Description Net Cost for Water Manag Met Cost for Water Manag Canal Code C22 Description Net Cost for Water Manag Met Cost for Water Manag Canal Code C22 Description Net Cost for Water Manag	Unit ement ouble Paddy Cro AE-2  Name Rutekha Unit ement ouble Paddy Cro AE-2  Name Maphekha Unit ement ouble Paddy Cro AE-2  Name Naykovuwa  Unit ement ouble Paddy Cro AE-2  Name Naykovuwa  Unit ement ouble Paddy Cro AE-2  Name Rumina Unit gement	Quantity  pping  Command Area (ha 40)  Quantity  pping  Command Area (ha 27)  Quantity  pping  Command Area (ha 24)  Quantity  pping  Command Area (ha 28)  Quantity	Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 1 7  Unit Price  Canal Length (km 1 7	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536 11,334 Design Dis 6 Amount 8,077	for I year charge (I/s) 3 Remarks  for I year charge (I/s) 4 Remarks  for I year charge (I/s) 4 Remarks  for I year charge (I/s) 6 Remarks
Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C22 Description	Unit ement ouble Paddy Cro AE-2  Name Rutekha Unit ement ouble Paddy Cro AE-2  Name Maphekha Unit ement ouble Paddy Cro AE-2  Name Navkovuwa Unit ement ouble Paddy Cro AE-2  Name Navkovuwa Unit ement ouble Paddy Cro AE-2  Name Rumina Unit eement ouble Paddy Cro	Quantity  pping  Command Area (ha 40)  Quantity  pping  Command Area (ha 27)  Quantity  pping  Command Area (ha 24)  Quantity  pping  Command Area (ha 28)  Quantity	Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 2 2  Unit Price  Canal Length (km 1 7  Unit Price  Canal Length (km 1 7	Amount  15,551 1,229 16,779 Design Dis 9 Amount 17,190 693 17,883 Design Dis 6 Amount 13,660 693 14,353 Design Dis 5 Amount 10,799 536 11,334 Design Dis 6 Amount 8,077 347	for I year charge (I/s) 3 Remarks  for I year charge (I/s) 4 Remarks  for I year charge (I/s) 4 Remarks  for I year charge (I/s) 6 Remarks

### Cost Estimation for Combination of Improvement Plan (Case AE 3/4)

Contraction of the contraction o	nale permissional annual a		and the second s	Azzmeta in interest	
Canal Code	Name	command Area (h	aCanal Length (km	1	scharge (Vs)
Cl	Upper Lobeys		7.]	PAVAMENTA CARROLLA CA	41
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Mana	gement		Ì	29,551	
Additional Net Cost for D	Souble Paddy Cr	opping		3,067	
Net Project Cost for Case	AE-3				for I year
Canal Code	Name	Command Area (ha	aCanal Length (km	Design Di	scharge (1/s)
C2	Lower Lobeys	a 300	8.1	i .	92
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Mana				69,610	
Additional Net Cost for D	Pouble Paddy Cro	opping	1	3,499	
Net Project Cost for Case	AE-3			1	for I year
Canal Code	Name	Command Area (ha	Canal Length (km		scharge (Vs)
C9	Bajo Canal	143	1. 15 `. `	1	34
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Mana		-	Name and Advantage of the Party	62,918	
Additional Net Cost for D		i Venino		6,561	
Net Project Cost for Case	AF-3	7,5	i		for I year
Canal Code	Name	Commend Area Co	Canal Length (km)		
C10	Phangyul	91	Lanai Lengui (km)		scharge (1/s)
Description	THE RESERVE NAMED IN COLUMN TWO IS NOT THE OWNER.	THE RESIDENCE OF THE PARTY OF T	And was below the best of the same	CONTRACTOR OF STREET	85
Net Cost for Water Manag	Unit	Quantity	Unit Price	Amount	Remarks
		•		51,695	1
Additional Net Cost for D Net Project Cost for Case	ouble Paddy Cro	pping		6,048	
· · · · · · · · · · · · · · · · · · ·	THE RESERVE AND DESCRIPTION OF THE PERSON.				for I year
Canal Code	Name	i e	Canal Length (km	Design Dis	charge (Vs)
C15	Gemka	15	3.5	3	2
Description	Unit	Quantity:	Unit Price	Amount	Remarks
Net Cost for Water Manag				10,363	
Additional Net Cost for D	ouble Paddy Cro	pping	1 4 4	1,323	
Net Project Cost for Case	THE RESIDENCE OF THE PARTY OF THE PARTY.	Allies that a receive and the second and the second		11,686	for I year
Canal Code	Name	ommand Area (ha	Canal Length (km)		
Canal Code C18	Name Nalakha	ommand Area (ha 29	Canal Length (km) 3.9	Design Dis	for 1 year charge (Vs) 0
Canal Code C18 Description	Name Nalakha Unit		1	Design Dis	charge (Vs) 0
Canal Code C18 Description Net Cost for Water Manag	Name Nalakha Unit ement	29 Quantity	3.9	Design Dis 6 Amount	charge (I/s)
Canal Code C18 Description Net Cost for Water Manag Additional Net Cost for Do	Name Nalakha Unit ement ouble Paddy Cro	29 Quantity	3.9	Design Dis 6 Amount 15,551	charge (Vs) 0
Canal Code C18 Description Net Cost for Water Manag	Name Nalakha Unit ement ouble Paddy Cro	29 Quantity	3.9	Design Dis 6 Amount 15,551 1,474	charge (Vs) 0 Remarks
Canal Code C18 Description Net Cost for Water Manag Additional Net Cost for Do	Name Nalakha Unit ement ouble Paddy Cro	Quantity pping	3.9 Unit Price	Design Dis 6 Amount 15,551 1,474 17,025	charge (I/s) 0 Remarks for 1 year
Canal Code C18 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case	Name Nalakha Unit ement ouble Paddy Cro AE-3	29 Quantity	3.9 Unit Price	Design Dis 6 Amount 15,551 1,474 17,025 Design Dis	charge (Vs) 0 Remarks for 1 year charge (Vs)
Canal Code C18 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha	Quantity pping Command Area (ha	3.9 Unit Price Canal Length (km 2.2	Design Dis 6 Amount 15,551 1,474 17,025 Design Dis 8	charge (Vs) 0 Remarks  for 1 year charge (Vs) 2
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement	Quantity pping Command Area (ha 40 Quantity	3.9 Unit Price Canal Length (km	Design Dis  Amount 15,551 1,474 17,025 Design Dis  Amount	charge (Vs) 0 Remarks for 1 year charge (Vs)
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement	Quantity pping Command Area (ha 40 Quantity	3.9 Unit Price Canal Length (km 2.2	Design Dis 6 Amount 15,551 1,474 17,025 Design Dis 8 Amount 17,190	charge (Vs) 0 Remarks  for 1 year charge (Vs) 2
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement	Quantity pping Command Area (ha 40 Quantity	3.9 Unit Price Canal Length (km 2.2	Design Dis 6 Amount 15,551 1,474 17,025 Design Dis 8 Amount 17,190 832	for 1 year charge (Vs) for 2 year charge (Vs) 2
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Case Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro	Quantity  pping  Command Area (ha 40  Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021	for I year Remarks  for I year Charge (Vs) Remarks
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Case Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km)	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis	for I year  Remarks  for I year  Charge (Vs)  Remarks  for I year  charge (Vs)
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha 27	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km) 2.2	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5	charge (I/s)  Remarks  for 1 year charge (I/s)  Remarks  for 1 year charge (I/s) 6
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case of Canal Code C20  Description	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km)	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount	for I year  Remarks  for I year  Charge (Vs)  Remarks  for I year  charge (Vs)
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case of Canal Code C20  Description Net Cost for Water Manag	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km) 2.2	Design Dis  Amount 15,551 1,474 17,025 Design Dis 8 Amount 17,190 832 18,021 Design Dis 5 Amount 13,660	charge (I/s)  Remarks  for 1 year charge (I/s)  Remarks  for 1 year charge (I/s) 6
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km) 2.2	Design Dis  Amount 15,551 1,474 17,025 Design Dis 8 Amount 17,190 832 18,021 Design Dis 5 Amount 13,660 832	for I year charge (Us)  Remarks  for I year charge (Us)  Remarks  for I year charge (Us)  Remarks
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity  pping	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492	for I year charge (Vs)  for I year charge (Vs)  Remarks  for I year charge (Vs)  Remarks  for I year
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Canal Code C20  Canal Code C20  Canal Code Canal Code Canal Code Canal Code	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha AB-3 Name Name Naphekha Name	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha 27 Quantity pping Command Area (ha	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dise	for I year charge (I/s)  Remarks  for I year charge (I/s)  Remarks  for I year charge (I/s)  Remarks  for I year
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case / Canal Code C21	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Nane Maphekha Unit ement ouble Paddy Cro AE-3 Name Navkovuwa	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha 27 Quantity pping Command Area (ha 27 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dise  4	for I year charge (Vs)  Remarks  for I year charge (Vs)  Remarks  for I year charge (Vs)  Remarks  for I year charge (Vs)  7
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C20  Canal Code C21  Description	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Naykoyuwa Unit	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha 27 Quantity pping Command Area (ha	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount	for I year charge (I/s)  Remarks  for I year charge (I/s)  Remarks  for I year charge (I/s)  Remarks  for I year
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for De Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for De Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for De Net Project Cost for Case Canal Code C20  Description Net Cost for Case / Canal Code C21  Description Net Cost for Water Manage Net Cost for Water Manage	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Naykoyuwa Unit ement	Quantity  pping  Command Area (ha 40 Quantity  pping  Command Area (ha 27 Quantity  pping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount  10,799	for I year charge (Vs)  Remarks  for I year charge (Vs)  Remarks  for I year charge (Vs)  Remarks  for I year charge (Vs)  7
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Cost for Water Manage Additional Net Cost for Do Net Cost for Water Manage Additional Net Cost for Do	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Navkovuwa Unit ement	Quantity  pping  Command Area (ha 40 Quantity  pping  Command Area (ha 27 Quantity  pping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount  10,799  643	for I year charge (Vs)  Remarks
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Navkoyuwa Unit ement ouble Paddy Cro	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity  pping  Command Area (ha 24  Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount  10,799  643	for I year charge (I/s)  Remarks  for I year charge (I/s)  Remarks  for I year charge (I/s)  Remarks  for I year
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Naykoyuwa Unit ement ouble Paddy Cro AE-3 Name Naykoyuwa	Quantity  pping  Command Area (ha 40 Quantity  pping  Command Area (ha 27 Quantity  pping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount  10,799  643	for 1 year charge (Vs)  for 1 year charge (Vs)  Remarks
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Navkoyuwa Unit ement ouble Paddy Cro	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity  pping  Command Area (ha 24  Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount  10,799  643  11,441	for I year charge (I/s)  Remarks  for I year charge (I/s)  Tharge (I/s)
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21  Description Net Project Cost for Case A Canal Code C22  Description	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Naykoyuwa Unit ement ouble Paddy Cro AE-3 Name Rumina Unit	Quantity pping Command Area (ha 40 Quantity pping Command Area (ha 27 Quantity pping Command Area (ha 24 Quantity pping Command Area (ha	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Design Dis  Amount  15,551 1,474 17,025 Design Dis  8  Amount  17,190 832 18,021 Design Dis  5  Amount 13,660 832 14,492 Design Dise 4  Amount 10,799 643 11,441 Design Dise	for I year charge (I/s)  Remarks
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21  Description Net Project Cost for Case A Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Naykoyuwa Unit ement ouble Paddy Cro AE-3 Name Rumina Unit ement	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity  pping  Command Area (ha 24  Quantity  pping  Command Area (ha 24  Quantity  pping  Command Area (ha 28  Quantity	3,9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price  Canal Length (km 1.7) Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis 4  Amount  10,799  643  11,441  Design Dis  5  Amount	for I year charge (I/s)  Remarks  for I year charge (I/s)  Tharge (I/s)
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Case A Canal Code C22  Description Net Cost for Water Manage Additional Net Cost for Case A Canal Code C22  Description Net Cost for Water Manage Additional Net Cost for Do Net Cost for Water Manage Additional Net Cost for Do	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Naykovuwa Unit ement ouble Paddy Cro AE-3 Name Naykovuwa Unit ement ouble Paddy Cro AE-3 Name Naykovuwa Unit ement ouble Paddy Cro AE-3 Name Rumina Unit ement	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity  pping  Command Area (ha 24  Quantity  pping  Command Area (ha 24  Quantity  pping  Command Area (ha 28  Quantity	3,9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price  Canal Length (km 1.7) Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount  10,799  643  11,441  Design Dis  5  Amount  8,077	for I year charge (I/s)  Remarks
Canal Code C18  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C19  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Do Net Project Cost for Case Canal Code C20  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21  Description Net Cost for Water Manag Additional Net Cost for Case Canal Code C21  Description Net Project Cost for Case A Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage	Name Nalakha Unit ement ouble Paddy Cro AE-3 Name Rutekha Unit ement ouble Paddy Cro AE-3 Name Maphekha Unit ement ouble Paddy Cro AE-3 Name Naykovuwa Unit ement ouble Paddy Cro AE-3 Name Naykovuwa Unit ement ouble Paddy Cro AE-3 Name Naykovuwa Unit ement ouble Paddy Cro AE-3 Name Rumina Unit ement	Quantity  pping  Command Area (ha 40  Quantity  pping  Command Area (ha 27  Quantity  pping  Command Area (ha 24  Quantity  pping  Command Area (ha 24  Quantity  pping  Command Area (ha 28  Quantity	3,9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price  Canal Length (km 1.7) Unit Price	Design Dis  Amount  15,551  1,474  17,025  Design Dis  8  Amount  17,190  832  18,021  Design Dis  5  Amount  13,660  832  14,492  Design Dis  4  Amount  10,799  643  11,441  Design Dis  5  Amount  8,077  416	for I year charge (I/s)  Remarks

### Cost Estimation for Combination of Improvement Plan (Case AE 4/4)

Canal Code	Name	Command Area (ha	Canal Length (km)	Design Dis	charge (Vs)
Cl	Upper Lobeysa	61	7.1	1:	-
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manage		and the same of th	The state of the s	29,551	ALTERNATION AND ADDRESS OF THE PARTY OF THE
Additional Net Cost for Do		ooing		3,578	•
Net Project Cost for Case A		rre	. •	33,129	for I year
Canal Code	Name	Command Area (ha	Canal Length (km)	Design Dis	
C2	Lower Lobevsa	300	8.1	-	S4
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manage	The state of the s	Zuantito	Omerace	69,610	
Additional Net Cost for Do		neine		4,082	
Net Project Cost for Case A		pontg			for I vear
	THE RESERVE AND PARTY OF THE PERSON NAMED IN COLUMN 2		Caral Larath (lara		NAME AND ADDRESS OF THE OWNER, WHEN
Canal Code	Name	Command Area (ha		Design Dis	59
C9	Bajo Canal	143	15	W. SHALL SHA	
Description	Unit	Quanlity	Unit Price	Amount	Remarks
Net Cost for Water Manage		ļ <u></u>		62,918	. •
Additional Net Cost for Do	-	pping		7,655	
Net Project Cost for Case A	\E-4			- Carlo de la Carl	for I year
Canal Code	Name	Command Area (ha	Canal Length (km)	Design Dis	•
C10	Phangyul	91	16	20	)8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Water Manage				51,695	
Additional Net Cost for Do		pping		7,056	,
Net Project Cost for Case A				58,751	for I year
Canal Code	Name	'ommand Area (ha	Canal Length (km	Design Dis	COMPARED THE PROPERTY OF THE PERSON NAMED IN T
Callal Code	Gemka	15	3.5	-	6
THE RESERVE WHEN THE PROPERTY OF THE PARTY O	THE CALL SHALL WANTE CHIEF PRICE	THE RESERVE OF THE PERSON NAMED IN	Unit Price	Amount	Remarks
Description	Unit	Quantity	Olit File	10,363	Keliaiks
Net Cost for Water Manage					
Additional Net Cost for Do		obiuā		1,544	Can I was
Net Project Cost for Case A	\t-4	)		11,900	for I year
		CHECKLE OF THE PROPERTY OF THE PARTY OF THE	THE RESERVE AND PARTY OF THE PA	manuscript of the Party of the	
Canal Code	Name		Canal Length (km	Design Dis	
Canal Code C18	Nalakha	29	3.9	6	6
Canal Code C18 Description	Nalakha Unit			Amount	
Canal Code C18 Description Net Cost for Water Manage	Nalakha Unit ement	29 Quantity	3.9	Amount 15,551	6
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do	Nalakha Unit ement uble Paddy Cro	29 Quantity	3.9	Amount 15,551	6 Remarks
Canal Code C18 Description Net Cost for Water Manage	Nalakha Unit ement uble Paddy Cro	Quantity oping	3.9 Unit Price	Amount 15,551 1,720 17,271	6 Remarks for I year
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code	Nalakha Unit ement uble Paddy Cro	Quantity oping	3.9	Amount 15,551 1,720 17,271	6 Remarks
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A	Nalakha Unit ement uble Paddy Cro AE-4	Quantity oping	3.9 Unit Price	Amount 15,551 1,720 17,271 Design Dis	6 Remarks for I year
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code	Nalakha Unit ement uble Paddy Cro AE-4 Name	29 Quantity oping Command Area (ha	3.9 Unit Price Canal Length (km	Amount 15,551 1,720 17,271 Design Dis	6 Remarks for I year charge (Vs)
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit	Quantity oping Command Area (ha	3.9 Unit Price Canal Length (km 2.2	Amount 15,551 1,720 17,271 Design Dis	6 Remarks  for I year  charge (Us) 2
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit	Quantity oping Command Area (ha 40 Quantity	3.9 Unit Price Canal Length (km 2.2	Amount 15,551 1,720 17,271 Design Dis 9	for I year charge (Us) 2 Remarks
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Do	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro	Quantity oping Command Area (ha 40 Quantity	3.9 Unit Price Canal Length (km 2.2	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970	for I year charge (Us) 2 Remarks
Canal Code C18  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro	Quantity oping  Command Area (ha 40  Quantity oping	3.9 Unit Price Canal Length (km 2.2 Unit Price	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160	for I year charge (Us) 2 Remarks
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis	for I year charge (Us) 2 Remarks
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha 27	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km 2.2	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6	for I year charge (I/s) 2 Remarks  for I year charge (I/s) 3
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount	for I year charge (Us) 2 Remarks  for I year charge (I/s)
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Water Manage Net Cost for Water Manage C20 Description	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha 27 Quantity	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km 2.2	Amount  15,551 1,720 17,271  Design Dis 9 Amount 17,190 970 18,160  Design Dis 6 Amount 13,660	for I year charge (Us) 2 Remarks  for I year charge (Us) 3
Canal Code C18 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19 Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Water Manage Additional Net Cost for Do	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha 27 Quantity	3.9 Unit Price Canal Length (km 2.2 Unit Price Canal Length (km 2.2	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970	for I year charge (Us) 2 Remarks  for I year charge (Vs) 3 Remarks
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha 27 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631	for I year charge (Us) Remarks  for I year charge (I/s) Remarks  for I year
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Canal Code C20  Canal Code Canal Code	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Name Name Name Name Name Name Name	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha 27 Quantity oping Command Area (ha	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631	for I year charge (Us) 2 Remarks  for I year charge (I/s) 3 Remarks
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Maphekha Name Nawkovuwa	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha 27 Quantity oping Command Area (ha 27 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis	for I year charge (l/s) 2 Remarks  for I year charge (l/s) 3 Remarks  for I year charge (l/s) 3
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Case A  Canal Code C21  Description	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkovuwa Unit	Quantity oping Command Area (ha 40 Quantity oping Command Area (ha 27 Quantity oping Command Area (ha	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount	for I year charge (Us) Remarks  for I year charge (I/s) Remarks  for I year
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Case A  Canal Code C21  Description  Net Cost for Water Manage Net Cost for Water Manage Canal Code C21  Description  Net Cost for Water Manage	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkovuwa Unit ement	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799	for I year charge (l/s) 2 Remarks  for I year charge (l/s) 3 Remarks  for I year charge (l/s) 3
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Case A  Canal Code C21  Description  Net Cost for Water Manage Additional Net Cost for Do	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkovuwa Unit ement	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Amount 15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750	for I year charge (I/s) 2 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 3 Remarks
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Case A  Canal Code C21  Description  Net Cost for Water Manage Net Cost for Water Manage Canal Code C21  Description  Net Cost for Water Manage	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkovuwa Unit ement	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750 11,548	for I year charge (Vs) 2 Remarks  for I year charge (Vs) 3 Remarks  for I year charge (Vs) 3 Remarks
Canal Code C18  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C19  Description  Net Cost for Water Manage Additional Net Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A  Canal Code C20  Description  Net Cost for Water Manage Additional Net Cost for Case A  Canal Code C21  Description  Net Cost for Water Manage Additional Net Cost for Do	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkovuwa Unit ement	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750 11,548	for I year charge (I/s) 2 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 3 Remarks
Canal Code C18  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkoyuwa Unit ement uble Paddy Cro	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750 11,548 Design Dis	for I year charge (Us) 2 Remarks  for I year charge (Us) 3 Remarks  for I year charge (Us) 3 Remarks
Canal Code C18  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C22	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkoyuwa Unit ement uble Paddy Cro AE-4 Name Nawkoyuwa Unit ement uble Paddy Cro AE-4 Name Nawkoyuwa	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity oping  Command Area (ha	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750 11,548 Design Dis	for I year charge (Us) 2 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 3 Remarks
Canal Code C18  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C22  Description	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Navkovuwa Unit ement uble Paddy Cro AE-4 Name Navkovuwa Unit ement uble Paddy Cro AE-4 Name Rumina Unit	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750 11,548 Design Dis	for I year charge (I/s) 2 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 5
Canal Code C18  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage Canal Code C22  Description Net Cost for Water Manage	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Naykovuwa Unit ement uble Paddy Cro AE-4 Name Naykovuwa Unit ement uble Paddy Cro AE-4 Name Rumina Unit ement	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750 11,548 Design Dis 6 Amount	for I year charge (Us) 2 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 3 Remarks
Canal Code C18  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C19  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C20  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C21  Description Net Cost for Water Manage Additional Net Cost for Do Net Project Cost for Case A Canal Code C22  Description	Nalakha Unit ement uble Paddy Cro AE-4 Name Rutekha Unit ement uble Paddy Cro AE-4 Name Maphekha Unit ement uble Paddy Cro AE-4 Name Nawkovuwa Unit ement uble Paddy Cro AE-4 Name Rumina Unit ement uble Paddy Cro	Quantity oping  Command Area (ha 40 Quantity oping  Command Area (ha 27 Quantity oping  Command Area (ha 24 Quantity oping  Command Area (ha 24 Quantity	3.9 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 2.2 Unit Price  Canal Length (km 1.7 Unit Price	Amount  15,551 1,720 17,271 Design Dis 9 Amount 17,190 970 18,160 Design Dis 6 Amount 13,660 970 14,631 Design Dis 5 Amount 10,799 750 11,548 Design Dis 6 Amount 8,077 485	for I year charge (I/s) 2 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 3 Remarks  for I year charge (I/s) 5

#### Cost Estimation for Combination of Improvement Plan (Case BE 1/4)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (Vs)
Cl	Upper Lobeysa	61	71	9	
Description	Unit	Quantity:	Unit Price	Amount	Remarks
Net Cost for Canal Improve	A PROPERTY AND A PROP	- A STATE OF THE S		28.904	Series to the series of the se
Additional Net Cost for Do		poine		1,534	
Net Project Cost for Case I		r - c		30.438	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	ATTACA CONTRACTOR AND
C2	Lower Lobevsa	300	8.1	48	- 1
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve	The same of the sa	Z Botter		155,463	Filth Subcretain Charles
Additional Net Cost for Do		l poine		1,750	
Net Project Cost for Case !		hhmé	.		for 1 year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	ACTUAL PROPERTY AND ACTUAL PROPERTY AND ACTUAL PROPERTY.
		1	Callai Zeligui (Kili)	23	
C9	Bajo Canal	143		THE RESIDENCE OF THE OWNER, WHEN THE PARTY OF THE PARTY O	Remarks
Description	Unit	Quantity	Unit Price	Amount	Kellalks
Net Cost for Canal Improve				53,921	
Additional Net Cost for Do		pping		3,260	
Net Project Cost for Case I	3E-1		A WATER THE SPECIAL PROPERTY OF THE PROPERTY O	And the same with the best of the same and	for I year
Canal Code	Name	Command Area (ha)	- '	Design Dis	-
C10	Phangyul	91	16	13	CONTRACTOR OF STREET
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve	ement	The state of the s		134,781	
Additional Net Cost for Do		poine		3,024	
Net Project Cost for Case I			1.	137,808	for 1 year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	harge (Vs)
C15	Gemka	15	3.5	2	• •
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve		Quality	Omerice	3,893	
Additional Net Cost for Do		l i		662	
·		l Drink			for Lyear
Net Project Cost for Case I	Committee of the commit			era era vera era inamarike militari kellen ili 1985.	
Canal Code	Name	Command Area (ha)		Design Dis	
C18	Nalakha	29	3.9	4	A SOCIAL PROPERTY AND ADDRESS OF THE PARTY O
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				3,893	
Additional Net Cost for Do		pping		737	
Net Project Cost for Case I	BE-1	<u> </u>			for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C19	Rutekha	40	2.2	5	8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement			26,245	
Additional Net Cost for Do		pping		416	
Net Project Cost for Case I					for I year
Canal Code	Name	Command Area (ha)	Canal Lenoth (km)		charge (Vs)
C20	Maphekha	27	2.2	Design Dis	
THE PARTY WITH THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY.	Unit		Unit Price	Amount	Remarks
Description Not Cost for Conel Improv		Quantity	Omerice	30,450	I/CINGIA3
Net Cost for Canal Improv					\ . \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Additional Net Cost for Do		phug		416	Co. 1
Net Project Cost for Case I			-		for 1 year
Canal Code	Name	Command Area (ha)			charge (Vs)
C21	Navkovuwa	24	1.7		4
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				17,820	
		pping		321	*
Additional Net Cost for Do	,0010 1 000, 010		:	18 142	for I year
		*			
Net Project Cost for Case I	BE-1	Command Area (ha)	Canal Length (km)		
Net Project Cost for Case I Canal Code	BE-I Name	Command Area (ha) 28			charge (l/s)
Net Project Cost for Case I Canal Code C22	BE-1 Name Rumina	28	1.1	Design Dis 4	charge (l/s) l
Net Project Cost for Case I Canal Code C22 Description	BE-1 Name Rumina Unit			Design Dis 4 Amount	charge (l/s)
Net Project Cost for Case I Canal Code C22 Description Net Cost for Canal Improv	BE-1 Name Rumina Unit ement	28 Quantity	1.1	Design Dis 4 Amount 27,414	charge (l/s) l
Net Project Cost for Case I Canal Code C22 Description	BE-1 Name Rumina Unit ement buble Paddy Cro	28 Quantity	1.1	Design Dis 4 Amount 27,414 208	charge (l/s) l

#### Cost Estimation for Combination of Improvement Plan (Case BE 2/4)

Canal Code	Name	Command Area (ha)	Canal Length (kro)	Design Disc	harge (Vs)
Cl	Upper Lobeysa	61	7 1	8	-
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The state of the s		25,693	The state of the s
Additional Net Cost for Do		nning		2,556	
Net Project Cost for Case I		) Parie			for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	THE RESERVE AND ADDRESS OF THE PARTY OF THE
Capar Code C2	Lower Lobevsa	300	8.1	43	-
THE PARTY OF THE PROPERTY OF THE PARTY OF THE PARTY.	PERSONAL PROPERTY AND ADDRESS OF THE PERSONAL PR	Quantity	Unit Price	Amount	Remarks
Description	Unit	Qualities	Official	138,189	
Net Cost for Canal Improve Additional Net Cost for Do		j aniaa	·	2,916	+ \$
	, ,	pping			for I year
Net Project Cost for Case I	CONTRACTOR OF THE PARTY OF THE PARTY.	OCCUPATION AND ADDRESS OF THE PARTY OF THE P	Control of the state of	- The second	AND THE PARTY OF T
Canal Code	Name	Command Area (ha)		Design Dis	
C9	Bajo Canal	143	15	21	A CHE PROPERTY OF THE PARTY OF
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv		. 1	1	47,929	
Additional Net Cost for Do	puble Paddy Cro	pping		5,468	_
Net Project Cost for Case I	BE-2				for l vear
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (I/s)
C10	Phangyul	91	16	11	7
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				119,808	
Additional Net Cost for De		oping	1	5,040	the second of the
Net Project Cost for Case		1	1	124,848	for 1 year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (I/s)
C13	Gemka	15	3.5	: 2	-
THE RESIDENCE OF THE PERSON NAMED IN COLUMN 1	-	Quantity	Unit Price	Amount	Remarks
Description	Unit	Quantity	Olivering	3,460	101111111111111111111111111111111111111
Net Cost for Canal Improv				1.103	
Additional Net Cost for Do		pping			for 1 year
Net Project Cost for Case	THE RESIDENCE OF THE PARTY OF T	-			
Canal Code	Name	Command Area (ha)		- · · · · · · · · · · · · · · · · · · ·	charge (1/s) 8
C18	Nalakha	29	3.9	-	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				3,460	
Additional Net Cost for De		pping		1,229	
Net Project Cost for Case	BE-2				for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	•	charge (Vs)
C19	Rutekha	40	2.2		2
Description	Unit				
	Omi	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv		Quantity	Unit Price		Remarks
Net Cost for Canal Improv Additional Net Cost for D	rement		Unit Price	Amount	
Additional Net Cost for D	rement ouble Paddy Cro		Unit Price	Amount 23,329 693	
Additional Net Cost for D Net Project Cost for Case	rement ouble Paddy Cro BE-2	opping		Amount 23,329 693 24,022	for 1 year
Additional Net Cost for D Net Project Cost for Case Canal Code	rement ouble Paddy Cro BE-2 Name	opping  Command Area (ha)	Canal Length (km)	Amount 23,329 693 24,022 Design Dis	
Additional Net Cost for D Net Project Cost for Case Canal Code C20	rement ouble Paddy Cro BE-2 Name Maphekha	Command Area (ha)	Canal Length (km) 2.2	Amount 23,329 693 24,022 Design Dis	for 1 year charge (Vs)
Additional Net Cost for D Net Project Cost for Case Canal Code C20 Description	rement ouble Paddy Cro BE-2 Name Maphekha Unit	opping  Command Area (ha)	Canal Length (km)	Amount 23,329 693 24,022 Design Dis 3	for 1 year charge (Vs)
Additional Net Cost for D Net Project Cost for Case Canal Code C20 Description Net Cost for Canal Improv	rement ouble Paddy Cro BE-2 Name Maphekha Unit	Command Area (ha) 27 Quantity	Canal Length (km) 2.2	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066	for 1 year charge (Us)
Additional Net Cost for D Net Project Cost for Case Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for D	rement ouble Paddy Cro BE-2 Name Maphekha Unit vement ouble Paddy Cro	Command Area (ha) 27 Quantity	Canal Length (km) 2.2	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693	for 1 year charge (Us) 15 Remarks
Additional Net Cost for D Net Project Cost for Case Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case	rement ouble Paddy Cro BE-2 Name Maphekha Unit rement ouble Paddy Cro BE-2	Command Area (ha) 27 Quantity	Canal Length (km) 2.2 Unit Price	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759	for 1 year charge (I/s) 15 Remarks
Additional Net Cost for D Net Project Cost for Case Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code	rement ouble Paddy Cro BE-2 Name Maphekha Unit rement ouble Paddy Cro BE-2 Name	Command Area (ha) 27 Quantity opping Command Area (ha)	Canal Length (km) 2.2 Unit Price  Canal Length (km)	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis	for 1 year scharge (I/s) 15 Remarks  for 1 year scharge (I/s)
Additional Net Cost for D Net Project Cost for Case Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21	Name Maphekha Unit rement ouble Paddy Cro BE-2 Name Name Name Name Navkovuwa	Command Area (ha) 27 Quantity opping Command Area (ha) 24	Canal Length (km) 2.2 Unit Price  Canal Length (km) 1.7	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis	for 1 year charge (Us)  S Remarks  for 1 year charge (Us)
Additional Net Cost for D Net Project Cost for Case Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21 Description	Name Maphekha Unit Verment Ouble Paddy Cro Maphekha Unit Verment Ouble Paddy Cro BE-2 Name Naykoyuwa Unit	Command Area (ha) 27 Quantity opping Command Area (ha)	Canal Length (km) 2.2 Unit Price  Canal Length (km)	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis	for 1 year scharge (Vs) 15 Remarks  for 1 year scharge (Vs) 10 Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description Net Cost for Canal Improv Net Cost for Canal Improv	Name Maphekha Unit Verment OUBE-2 Name Maphekha Unit Verment OUBE-2 Name Naykoyuwa Unit Verment	Command Area (ha) 27 Quantity opping Command Area (ha) 24 Quantity	Canal Length (km) 2.2 Unit Price  Canal Length (km) 1.7	Amount  23,329 693 24,022 Design Dis  Amount 27,066 693 27,759 Design Dis  Amount 15,840	for 1 year charge (Us)  S Remarks  for 1 year charge (Us)  Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for D	Name Maphekha Unit rement ouble Paddy Cro BE-2 Name Navkoyuwa Unit vement ouble Paddy Cro BE-2 Name Navkoyuwa Unit	Command Area (ha) 27 Quantity opping Command Area (ha) 24 Quantity	Canal Length (km) 2.2 Unit Price  Canal Length (km) 1.7	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis 4 Amount 15,840 536	for 1 year charge (I/s) 15 Remarks  for 1 year charge (I/s) 10 Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description Net Cost for Canal Improv Net Cost for Canal Improv	Name Maphekha Unit rement ouble Paddy Cro BE-2 Name Navkoyuwa Unit vement ouble Paddy Cro BE-2 Name Navkoyuwa Unit	Command Area (ha) 27 Quantity opping Command Area (ha) 24 Quantity	Canal Length (km) 2.2 Unit Price  Unit Price  Canal Length (km) 1.7 Unit Price	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis 3 Amount 15,840 536 16,376	for 1 year charge (Vs)  S  Remarks  for 1 year charge (Vs)  Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for D	Name Maphekha Unit rement ouble Paddy Cro BE-2 Name Navkoyuwa Unit vement ouble Paddy Cro BE-2 Name Navkoyuwa Unit	Command Area (ha) 27 Quantity opping Command Area (ha) 24 Quantity	Canal Length (km) 2.2 Unit Price  Unit Price  Canal Length (km) 1.7 Unit Price	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis 3 Amount 15,840 536 16,376	for 1 year charge (I/s) 15 Remarks  for 1 year charge (I/s) 10 Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for Case Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for Case Net Project Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case	Name Maphekha Unit wement ouble Paddy Cro BE-2 Name Navkoyuwa Unit wement ouble Paddy Cro BE-2 Name Navkoyuwa Unit wement ouble Paddy Cro BE-2	Command Area (ha) 27 Quantity opping Command Area (ha) 24 Quantity	Canal Length (km) 2.2 Unit Price  Unit Price  Canal Length (km) 1.7 Unit Price	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis 4 Amount 15,840 536 16,376 Design Dis	for 1 year charge (Vs)  S  Remarks  for 1 year charge (Vs)  Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Canal Cost for Canal Cost for Case Canal Code C22	Name Maphekha Unit vement ouble Paddy Cro BE-2 Name Naykoyuwa Unit vement ouble Paddy Cro BE-2 Name Naykoyuwa Unit vement ouble Paddy Cro BE-2 Name Rumina	Command Area (ha) 27 Quantity  pping  Command Area (ha) 24 Quantity  ppping  Command Area (ha) 28	Canal Length (km) 2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km)	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis Amount 15,840 536 16,376 Design Dis	for 1 year charge (Vs)  S Remarks  for 1 year charge (Vs)  Remarks  for 1 year scharge (Vs)  Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C22  Description	Name Maphekha Unit vement ouble Paddy Cro BE-2 Name Naykoyuwa Unit vement ouble Paddy Cro BE-2 Name Naykoyuwa Unit vement ouble Paddy Cro BE-2 Name Rumina Unit	Command Area (ha) 27 Quantity  Opping  Command Area (ha) 24 Quantity  Opping  Command Area (ha)	Canal Length (km) 2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km) 1.1	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis Amount 15,840 536 16,376 Design Dis	for 1 year charge (Vs)  S Remarks  for 1 year charge (Vs)  Remarks  for 1 year scharge (Vs)  Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C22  Description Net Cost for Case  Canal Code C22  Description Net Cost for Canal Improv Net Cost for Canal Improv	Name Maphekha Unit vement ouble Paddy Cro BE-2 Name Naykoyuwa Unit vement ouble Paddy Cro BE-2 Name Naykoyuwa Unit vement ouble Paddy Cro BE-2 Name Rumina Unit	Command Area (ha) 27 Quantity  pping  Command Area (ha) 24 Quantity  ppping  Command Area (ha) 28 Quantity	Canal Length (km) 2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km) 1.1	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis 3 Amount 15,840 536 16,376 Design Dis	for 1 year charge (Vs)  S Remarks  for 1 year charge (Vs)  Remarks  for 1 year scharge (Vs)  7 Remarks
Additional Net Cost for D Net Project Cost for Case  Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C22  Description	Name Maphekha Unit vement ouble Paddy Cro BE-2 Name Naykoyuwa Unit vement louble Paddy Cro BE-2 Name Naykoyuwa Unit vement louble Paddy Cro BE-2 Name Rumina Unit vement louble Paddy Cro	Command Area (ha) 27 Quantity  pping  Command Area (ha) 24 Quantity  ppping  Command Area (ha) 28 Quantity	Canal Length (km) 2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km) 1.1	Amount 23,329 693 24,022 Design Dis 3 Amount 27,066 693 27,759 Design Dis 3 Amount 15,840 536 16,376 Design Dis 4 Amount 24,368 347	for 1 year charge (Vs)  S Remarks  for 1 year charge (Vs)  Remarks  for 1 year scharge (Vs)  7 Remarks

### Cost Estimation for Combination of Improvement Plan (Case BE 3/4)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C1	Upper Lobeysa		7.1	7	8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement	Commission design from Total State State Section 1972		19,270	,
Additional Net Cost for Do		pping		3,067	
Net Project Cost for Case				22,337	tor I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C2	Lower Lobevsa	300	8.1	38	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	La restatuta de la constitución de	The state of the s		103,642	egiernyddroddicyer eniweren reddicare, acaellyd de ca
Additional Net Cost for Do		l nnine	i i	3,499	
Net Project Cost for Case		pro-e			for I year
Canal Code	Name	Command Area (ha)	Conal Length /km		charge (Vs)
		143	15	-	36
C9	Bajo Canal	L	L	The same of the same of the same of	Remarks
Description	Unit	Quantity	Unit Price	Amount	Kemarks
Net Cost for Canal Improv		1	]	35,947	
Additional Net Cost for Do		pping		6,561	
Net Project Cost for Case	BE-3				for I year
Canal Code	Name	Command Area (ha)	- 1	Design Dis	
C10	Phangyul	91	16	](	)3
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement			89,856	
Additional Net Cost for De		pping		6,048	
Net Project Cost for Case		[ ]	1	95,904	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C15	Gemka	15	3.5	-	8
CONTRACTOR OF THE PROPERTY OF	Unit	Quantity	Unit Price	Amount	Remarks
Description Net Cost for Canal Improv	Anna	Zumini,	Oldernee	2,595	
Additional Net Cost for De		) 		1,323	
		bbung			for I year
Net Project Cost for Case	gram an de la caracter de la defendación de la caracter de la caracter de la caracter de la caracter de la car			THE CONTRACT STREET, WHEN THE PARTY OF THE P	CONTRACTOR OF THE PROPERTY AND
Canal Code	Name	Command Area (ha)		Design Dis	charge (Vs)
C18	Nalakha	29	3.9		haran chacasta manasaren A
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				2,595	12.00
Additional Net Cost for De		pping		1,474	
Net Project Cost for Case	and the second seco			and the second s	for I year
Canal Code	Name	Command Area (ha)		Design Dis	charge (Vs)
C19	Rutekha	40	2.2	. 4	6
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement			17,497	
Additional Net Cost for D		pping		832	
Net Project Cost for Case					for 1 year
Canal Code	Name	Command Area (ha)	Canal Length (km)	CONTRACT STREET, STREE	charge (Vs)
C20	Maphekha	27	2.2	•	1
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	5		0,011,110	20,300	***********
Additional Net Cost for D		I		832	
Net Project Cost for Case		Phuis			for I year
	and the state of t	Carrent Acces (Se)	Const Longth (In-	anna i d'ann aige de ann an Aire Chail Sin Chail The Chail C	A DESCRIPTION OF THE PARTY OF T
Canal Code	Name	Command Area (ha)			charge (I/s)
C21	Naykoyuwa	24	1.7		6
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv		1		11,880	· ·
Additional Net Cost for D		pping		643	
Net Project Cost for Case	BE-3				for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	icharge (Vs)
C22	Rumina	28.	1.1		32
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	<del></del>	<del></del>		18,276	
Additional Net Cost for D		ากกก่อง		416	
Net Project Cost for Case		716	1		for I year
	La La " a "			10,072	

### Cost Estimation for Combination of Improvement Plan (Case BE 4/4)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (l/s)
Cl	Upper Lobeysa	61	7.1	80	\$
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve		and the second s	AND DESCRIPTION OF THE PARTY OF	25,693	
Additional Net Cost for Do		poing	l l	2,556	
Net Project Cost for Case I			j	28,249	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (Vs)
C2	Lower Lobevsa	300	8.1	42	
	Unit	Quantity	Unit Price	Amount	Remarks
Description Net Cost for Canal Improve	Commence of the Commence of th	Opposite A	CILL TILL	138,189	
Additional Net Cost for Do		l .		2,916	
Net Project Cost for Case I		րրու <del>ջ</del>	1		for 1 year
A STATE OF THE PARTY OF THE PAR	and the same of th	Commence of the Commence of th	Const Landb (Im)	Design Dis	AS THE PERSON OF
Canal Code	Name	Command Area (ha)	Canai Lengui (Am)	20	
C9	Bajo Canal	143	L	THE PERSON NAMED OF THE PE	A STATE OF THE PARTY OF THE PAR
Description	Unit	Quantity	Unit Price	Arnount	Remarks
Net Cost for Canal Improv				47,929	ŧ
Additional Net Cost for Do		pping		5,468	
Net Project Cost for Case I	BE-4				for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	
C10	Phangyul	91	16	) ]	THE CONTRACT OF THE PARTY OF
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv		The second secon		119,808	
Additional Net Cost for Do		oping		5,040	
Net Project Cost for Case I		, <del>.</del>		124,848	for I year
Canal Code	Name	Command Area (ha)	Canal Lenoth (km)	Design Dis	NAME AND POST OF THE OWNER, WHEN PERSON AND PARTY AND PA
		15	3.5	_	0
C15	Gemka		Unit Price	Amount	Remarks
Description	Unit	Quantity	Unitrice	3,460	Kemarks
Net Cost for Canal Improv		1			
Additional Net Cost for De	•	pping		1,103	
Net Project Cost for Case	BE-4				for I year
Canal Code	Name	Command Area (ha)			charge (1/s)
C18	Nalakha	29	3.9	3	8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement			3,460	1 1 1 1
Additional Net Cost for D		pping		1,229	
Net Project Cost for Case	BE-4			4.689	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s) 💢
C19	Rutekha	40	] 22	5	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	And the second second	7	<u> </u>	23,329	
Additional Net Cost for D		l		693	
Net Project Cost for Case		, phuis			for 1 year
THE PERSON NAMED IN COLUMN 1				74 12/7	· · . · . · . · . · . · . · .
0		Command Assaches	Canal Lanath Class		charge (I/s)
Canal Code	Name	Command Area (ha)		Design Dis	charge (I/s)
C20 .	Name Maphekha	27	2.2	Design Dis	5
C20 Description	Name Maphekha Unit			Design Dis t Amount	S Remarks
C20 Description Net Cost for Canal Improv	Name Maphekha Unit	27 Quantity	2.2	Design Dis 3 Amount 27,066	S Remarks
C20 Description Net Cost for Canal Improv Additional Net Cost for D	Name Maphekha Unit vement ouble Paddy Cro	27 Quantity	2.2	Design Dis 3 Amount 27,066 693	Remarks
C20 Description Net Cost for Canal Improv	Name Maphekha Unit vement ouble Paddy Cro	Quantity pping	2.2 Unit Price	Design Dis 3 Amount 27,066 693 27,759	Remarks for I year
C20 Description Net Cost for Canal Improv Additional Net Cost for D	Name Maphekha Unit vement ouble Paddy Cro	27 Quantity	2.2 Unit Price  Cenal Length (km)	Design Dis 3 Amount 27,066 693 27,759 Design Dis	Remarks  for 1 year charge (Us)
C20  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case	Name Maphekha Unit rement ouble Paddy Cro BE-4	Quantity pping	2.2 Unit Price Canal Length (km),	Design Dis 3 Amount 27,066 693 27,759 Design Dis	for 1 year charge (Us)
C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21	Name Maphekha Unit vement ouble Paddy Cro BE-4 Name	Quantity  ppping  Command Area (ha)	2.2 Unit Price  Cenal Length (km)	Design Dis 3 Amount 27,066 693 27,759 Design Dis Amount	for 1 year scharge (Vs) Remarks
C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21 Description	Name Maphekha Unit vement ouble Paddy Cro BE-4 Name Naykoyuwa Unit	Quantity  ppping  Command Area (ha)	2.2 Unit Price Canal Length (km),	Design Dis 3 Amount 27,066 693 27,759 Design Dis	for 1 year scharge (Vs) Remarks
C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21 Description Net Cost for Canal Improv	Name Maphekha Unit vement ouble Paddy Cro BE-4 Name Navkoyuwa Unit	Quantity  Opping  Command Area (ha)  24  Quantity	2.2 Unit Price Canal Length (km),	Design Dis 3 Amount 27,066 693 27,759 Design Dis Amount	for I year charge (Vs)
C20  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case  Canal Code  C21  Description  Net Cost for Canal Improv  Additional Net Cost for D	Name Maphekha Unit vement ouble Paddy Cro BE-4 Name Naykoyuwa Unit vement ouble Paddy Cro	Quantity  Opping  Command Area (ha)  24  Quantity	2.2 Unit Price Canal Length (km),	Design Dis 3 Amount 27,066 693 27,759 Design Dis 3 Amount 15,840 536	for I year charge (Vs)
C20  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case  Canal Code  C21  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case	Name Maphekha Unit vement ouble Paddy Cro BE-4 Name Naykoyuwa Unit vement ouble Paddy Cro BE-4	Quantity Opping Command Area (ha) 24 Quantity Opping	2.2 Unit Price  Canal Length (km) 1.7 Unit Price	Design Dis 3 Amount 27,066 693 27,759 Design Dis Amount 15,840 536 16,376	for I year charge (Vs)  Remarks  for I year
C20  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case  Canal Code  C21  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case  Canal Code	Name Maphekha Unit rement ouble Paddy Cro BE-4 Name Naykoyuwa Unit rement ouble Paddy Cro BE-4 Name	Quantity  Command Area (ha) 24 Quantity  opping  Command Area (ha)	2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km)	Design Dis 3 Amount 27,066 693 27,759 Design Dis Amount 15,840 536 16,376 Design Dis	for I year scharge (Us)  Remarks  Remarks  for I year scharge (Us)
C20  Description  Net Cost for Canal Improv Additional Net Cost for D  Net Project Cost for Case  Canal Code  C21  Description  Net Cost for Canal Improv Additional Net Cost for D  Net Project Cost for Case  Canal Code  C22	Name Maphekha Unit rement ouble Paddy Cro BE-4 Name Naykoyuwa Unit rement ouble Paddy Cro BE-4 Name Naykoyuwa Unit	Quantity  Command Area (ha) 24 Quantity  Opping  Command Area (ha) 28	2.2 Unit Price Canal Length (km) 1.7 Unit Price Canal Length (km) 1.1	Design Dis Amount 27,066 693 27,759 Design Dis Amount 15,840 536 16,376 Design Dis	for I year scharge (Us)  for I year scharge (Us)  for I year scharge (Us)
C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C22 Description	Name Maphekha Unit rement ouble Paddy Cro BE-4 Name Naykoyuwa Unit rement ouble Paddy Cro BE-4 Name Naykoyuwa Unit	Quantity  Command Area (ha) 24 Quantity  opping  Command Area (ha)	2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km)	Design Dis 3 Amount 27,066 693 27,759 Design Dis 3 Amount 15,840 536 16,376 Design Dis	for I year scharge (Vs)  Remarks  for I year scharge (Vs)  Remarks
C20  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case  Canal Code  C21  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case  Canal Code  C22  Description  Net Cost for Canal Improv  Net Cost for Canal Improvement Cost for Canal Code  C22  Description  Net Cost for Canal Improv	Name Maphekha Unit rement ouble Paddy Cro BE-4 Name Naykoyuwa Unit rement ouble Paddy Cro BE-4 Name Rumina Unit	Quantity  Command Area (ha) 24 Quantity  Opping  Command Area (ha) 28 Quantity	2.2 Unit Price Canal Length (km) 1.7 Unit Price Canal Length (km) 1.1	Design Dis 3 Amount 27,066 693 27,759 Design Dis Amount 15,840 536 16,376 Design Dis Amount 24,368	for 1 year charge (I/s) to Remarks  for 1 year scharge (I/s)  Remarks
C20  Description  Net Cost for Canal Improve Additional Net Cost for Description  Net Project Cost for Case  Canal Code  C21  Description  Net Cost for Canal Improve Additional Net Cost for Case  Canal Code  C22  Description  Net Cost for Case  Canal Code  C22  Description  Net Cost for Canal Improve Additional Net Cost for Canal Improve Additional Net Cost for Description	Name Maphekha Unit vement ouble Paddy Cro BE-4 Name Naykoyuwa Unit vement ouble Paddy Cro BE-4 Name Rumina Unit vement ouble Paddy Cro	Quantity  Command Area (ha) 24 Quantity  Opping  Command Area (ha) 28 Quantity	2.2 Unit Price Canal Length (km) 1.7 Unit Price Canal Length (km) 1.1	Design Dis  Amount  27,066  693  27,759  Design Dis  Amount  15,840  536  16,376  Design Dis  Amount  24,368  347	for 1 year charge (I/s) to Remarks  for 1 year scharge (I/s)  for 1 year scharge (I/s)  Remarks
C20 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C22 Description Net Cost for Canal Improv Net Cost for Case	Name Maphekha Unit vement ouble Paddy Cro BE-4 Name Naykoyuwa Unit vement ouble Paddy Cro BE-4 Name Rumina Unit vement ouble Paddy Cro	Quantity  Command Area (ha) 24 Quantity  Opping  Command Area (ha) 28 Quantity	2.2 Unit Price Canal Length (km) 1.7 Unit Price Canal Length (km) 1.1	Design Dis  Amount  27,066  693  27,759  Design Dis  Amount  15,840  536  16,376  Design Dis  Amount  24,368  347	for 1 year charge (Vs) to Remarks  for 1 year scharge (Vs)  Remarks

#### Cost Estimation for Combination of Improvement Plan (Case ABE 1/4)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disch	arge (Vs)
CI	Upper Lobeysa	61	7.1	99	· •
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve			NEW COMPANY AND ADDRESS OF THE PARTY AND ADDRE	39,857	THE PARTY NAME OF THE PARTY OF
Additional Net Cost for De				1,534	
Net Project Cost for Case A		phate		41.391 fi	or I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disch	en e
Canal Code	Lower Lobevsa	300	8.1	484	•
THE PARTY OF THE P	area e se a un como do como de	THE RESERVE OF THE PROPERTY OF THE PARTY OF	Unit Price	Amount	Remarks
Description	Unit	Quantity	Ollit 11100	139,134	
Net Cost for Canal Improve			•	1,750	
Additional Net Cost for Do		obruš		160,884	ar Ludar.
Net Project Cost for Case I	Contracting the project desired construction	CONTRACTOR OF THE PARTY OF THE		AND DESCRIPTION OF THE PROPERTY AND ADDRESS OF THE PARTY	TOTAL PROPERTY OF THE PARTY OF
Canal Code	Name	Command Area (ha)		Design Disci 234	*
. С9	Bajo Canal	143			THE RESERVE AND PROPERTY AND PARTY OF THE PA
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve	ement and Wate	r Management		77,919	
Additional Net Cost for Do	puble Paddy Cro	pping	•	3,260	
Net Project Cost for Case	ABE-1			81,179 (	anterior de la company de la c
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Discl	arge (Vs)
C10	Phangyul	91	16	131	<u> </u>
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				149,740	
Additional Net Cost for Do				3,024	*
Net Project Cost for Case		AS IN S		152,764 6	or I year
the state of the s	NAME OF TAXABLE PARTY.	Command Area (ha)	Coval Length (km)	Design Disc	Charles for the state of the st
Canal Code	Name		3.5	23	•
C15	Gemka	15	THE RESIDENCE OF THE PARTY OF T		Remarks
Description	Unit	Quantity	Unit Price	Amount	Venory.
Net Cost for Canal Improv			: *	9,882 662	•
Additional Net Cost for Do		pping		• • -	
Net Project Cost for Case	A STATE OF THE PARTY OF THE PAR				or i year
Canal Code	Name	Command Area (ha)		Design Disc	harge (Vs)
C18	Nalakha	29	3.9	43	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		11,149	
Additional Net Cost for De				737	
Net Project Cost for Case	The second secon			11,887	or I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (Vs)
C19	Rutekha	40	2.2	58	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				28,789	
Additional Net Cost for D	Circuit and water	t 141ming citteria			
	aukla Dadde Cra	onina		· ·	
		pping		416	or I year
Net Project Cost for Case	ABE-1		Carol Longth (len)	416 29,205 1	or I year
Net Project Cost for Case Canal Code	ABE-1 Name	Command Area (ha)		416 29,205 I Design Disc	harge (Vs)
Net Project Cost for Case Canal Code C20	ABE-1 Name Maphekha	Command Area (ha) 27	2.2	416 29,205 p Design Disc 40	harge (Vs)
Net Project Cost for Case  Canal Code  C20  Description	ABE-1 Name Maphekha Unit	Command Area (ha) 27 Quantity		416 29,205   Design Disc 40 Amount	harge (Vs)
Net Project Cost for Case  Canal Code  C20  Description  Net Cost for Canal Improv	ABE-1 Name Maphekha Unit	Command Area (ha) 27 Quantity r Management	2.2	416 29,205   Design Disc 40 Amount 32,056	harge (Vs)
Net Project Cost for Case  Canal Code  C20  Description  Net Cost for Canal Improv Additional Net Cost for D	ABE-I Name Maphekha Unit rement and Wateouble Paddy Cro	Command Area (ha) 27 Quantity r Management	2.2	416 29,205 Design Disc 40 Amount 32,056 416	harge (Vs) Remarks
Net Project Cost for Case  Canal Code  C20  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case	ABE-I Name Maphekha Unit rement and Wateouble Paddy Cro	Command Area (ha) 27 Quantity r Management pping	2.2 Unit Price	416 29,205 Design Disc 40 Amount 32,056 416 32,472	harge (Vs) Remarks  or I year
Net Project Cost for Case  Canal Code  C20  Description  Net Cost for Canal Improv Additional Net Cost for D	ABE-1 Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-1 Name	Command Area (ha) 27 Quantity r Management pping Command Area (ha)	2.2 Unit Price	416 29,205 Design Disc 40 Amount 32,056 416	harge (Vs) Remarks  or I year
Net Project Cost for Case  Canal Code  C20  Description  Net Cost for Canal Improv  Additional Net Cost for D  Net Project Cost for Case	ABE-1 Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-1	Command Area (ha) 27 Quantity r Management pping	Unit Price Unit Price Canal Length (km) 1.7	416 29,205 Design Disc 40 Amount 32,056 416 32,472	Remarks  for 1 year harge (Vs)
Net Project Cost for Case  Canal Code  C20  Description  Net Cost for Canal Improv Additional Net Cost for D  Net Project Cost for Case  Canal Code  C21	ABE-1 Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-1 Name	Command Area (ha) 27 Quantity r Management pping Command Area (ha)	2.2 Unit Price Canal Length (km)	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc	Remarks  for 1 year harge (Vs)
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description	ABE-1 Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-1 Name Naykoyuwa Unit	Command Area (ha)  27  Quantity  r Management  pping  Command Area (ha)  24  Quantity	Unit Price Unit Price Canal Length (km) 1.7	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc	Remarks  for 1 year harge (Vs)
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description  Net Cost for Canal Improv Net Cost for Canal Improv	ABE-1 Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-1 Name Naykoyuwa Unit	Command Area (ha)  27  Quantity or Management pping  Command Area (ha)  24  Quantity or Management	Unit Price Unit Price Canal Length (km) 1.7	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount	Remarks  for 1 year harge (Vs)
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description  Net Cost for Canal Improv Additional Net Cost for D	ABE-1  Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-1  Name Naykoyuwa Unit rement and Wate ouble Paddy Cro	Command Area (ha)  27  Quantity or Management pping  Command Area (ha)  24  Quantity or Management	Unit Price Unit Price Canal Length (km) 1.7	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount 19,728 321	Remarks  or I year harge (Vs)  Remarks
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case	ABE-1  Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-1  Name Naykoyuwa Unit rement and Wate ouble Paddy Cro ABE-1	Command Area (ha)  27  Quantity or Management opping  Command Area (ha)  24  Quantity or Management opping	Unit Price  Canal Length (km) 1.7  Unit Price	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount 19,728 321 20,049	Remarks  for I year harge (Vs)  Remarks
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code Canal Code	ABE-I Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-I Name Naykoyuwa Unit rement and Wate ouble Paddy Cro ABE-I Name Nakoyuwa Name Nakoyuwa	Command Area (ha) 27 Quantity or Management pping Command Area (ha) 24 Quantity or Management opping Command Area (ha)	2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km)	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount 19,728 321 20,049 Design Disc	Remarks  for I year harge (Vs)  Remarks  for I year harge (Vs)
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C22	ABE-1  Name Maphekha Unit Tement and Wate ouble Paddy Cro ABE-1  Name Naykoyuwa Unit Tement and Wate ouble Paddy Cro ABE-1  Name Rumina	Command Area (ha) 27 Quantity or Management pping Command Area (ha) 24 Quantity or Management opping Command Area (ha) 28	2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km) 1.1	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount 19,728 321 20,049 Design Disc	Remarks  Or I year harge (Vs)  Remarks  for I year harge (Vs)
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C22  Description	ABE-1  Name Maphekha  Unit rement and Wate ouble Paddy Cro ABE-1  Name Naykoyuwa  Unit rement and Wate ouble Paddy Cro ABE-1  Name Rumina Unit	Command Area (ha) 27 Quantity or Management pping Command Area (ha) 24 Quantity or Management opping Command Area (ha) 28 Quantity	2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km)	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount 19,728 321 20,049 Design Disc 4	Remarks  for I year harge (Vs)  Remarks  for I year harge (Vs)
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C21  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case  Canal Code C22  Description  Net Cost for Canal Improv Additional Net Cost for Case  Canal Code C22  Description  Net Cost for Canal Improv  Net Cost for Canal Improv	ABE-I  Name  Maphekha  Unit  rement and Wate ouble Paddy Cro ABE-I  Name Naykoyuwa  Unit  rement and Wate ouble Paddy Cro ABE-I  Name Rumina  Unit  vement and Wate Rumina	Command Area (ha)  27  Quantity  Management  pping  Command Area (ha)  24  Quantity  Management  pping  Command Area (ha)  28  Quantity  er Management  Quantity  er Management	2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km) 1.1	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount 19,728 321 20,049 Design Disc 4 Amount 27,029	Remarks  Or I year harge (Vs)  Remarks  for I year harge (Vs)
Net Project Cost for Case  Canal Code C20  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C21  Description  Net Cost for Canal Improv Additional Net Cost for D Net Project Cost for Case Canal Code C22  Description	ABE-I  Name Maphekha Unit rement and Wate ouble Paddy Cro ABE-I  Name Naykoyuwa Unit rement and Wate ouble Paddy Cro ABE-I  Name Rumina Unit rement and Wate ouble Paddy Cro	Command Area (ha)  27  Quantity  Management  pping  Command Area (ha)  24  Quantity  Management  pping  Command Area (ha)  28  Quantity  er Management  Quantity  er Management	2.2 Unit Price  Canal Length (km) 1.7 Unit Price  Canal Length (km) 1.1	416 29,205 Design Disc 40 Amount 32,056 416 32,472 Design Disc 34 Amount 19,728 321 20,049 Design Disc 4 Amount 27,029 208	Remarks  Or I year harge (Vs)  Remarks  for I year harge (Vs)

#### Cost Estimation for Combination of Improvement Plan (Case ABE 2/4)

Canal Code	Name	Command Area (ha)	Canal Lenoth (km)	Design Disc	harge (l/s) — - I
	Upper Lobevsa	61	7.1	88	-
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve				32,384	THE RESIDENCE OF THE PARTY OF T
Additional Net Cost for Do	uble Paddy Cro	nning		2,556	
Net Project Cost for Case A		ع، سرم			or I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	CONTRACTOR OF THE PARTY OF THE
	Lower Lobevsa	300	8.1	43	
THE RESIDENCE OF THE PARTY OF T		CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	Unit Price	Amount	Remarks
Description	Unit	Quantity	Oldt Free	129,297	Iversione.
Net Cost for Canal Improve	ment and wate	r Management		2,916	
Additional Net Cost for Do		pping		132,213	or Lyear
Net Project Cost for Case A	KALAMATAN SALES SA	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NA		Design Disc	PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY.
Canal Code	Name	Command Area (ha)		Design Disc	-
C9	Bajo Canal	143	15	CANADA CONTRACTOR OF THE SECURITY OF THE SECUR	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve	ement and Wate	r Management		63,309	i .
Additional Net Cost for Do		pping		5,468	
Net Project Cost for Case A	ABE-2				for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	
C10	Phangyul	91	16	11	AND DESCRIPTION OF THE PROPERTY OF THE PARTY
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve				121,664	
Additional Net Cost for Do	uble Paddy Cro	pping		5,040	
Net Project Cost for Case A				126,704	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (l/s)
C15	Gemka	15	3.5	20	)
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve				8,029	
Additional Net Cost for Do				1,103	
Net Project Cost for Case A		pping			for 1 year
NAME AND ADDRESS OF THE OWNER, WHEN THE PARTY OF THE PART	Name	Command Area (ha)	Canal Length (km)	Design Dis	
Canal Code	Name Nalakha	29	3.9	3	
C18	THE RESERVE AND PARTY OF THE PA		Unit Price	Amount	Remarks
Description	Unit	Quantity	Olderne	9,059	TC III II
Net Cost for Canal Improve	ement and water	i Management	1	1,229	1
Additional Net Cost for Do	4 4 4	oping			for 1 year
Net Project Cost for Case A			Const. Const. Class	Design Dis	NAME AND POST OFFICE ADDRESS OF THE OWNER, WHEN PERSON OF THE PERSON OF
Canal Code	Name	Command Area (ha)	Canal Length (Mil.)	Design Dis	iliaise (DS)
C19	Rutekha	40			Z
Description		AND DESCRIPTION OF THE PERSON ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO PERSONS ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO PERSONS ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO PERSON NAMED IN COLUMN TRANSPORT NAMED IN CO			
	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve	ement and Wate	r Management		23,391	
Additional Net Cost for Do	ement and Wate ouble Paddy Cro	r Management		23,391 693	
	ement and Wate ouble Paddy Cro	er Management opping	Unit Price	23,391 693 24,084	for I year
Additional Net Cost for Do	ement and Wate ouble Paddy Cro	r Management opping Command Area (ha)	Unit Price	23,391 693 24,084 Design Dis	for 1 year charge (1/s)
Additional Net Cost for Do Net Project Cost for Case A	ement and Wate ouble Paddy Cro ABE-2	er Management opping	Unit Price  Canal Length (km) 2.2	23,391 693 24,084	for 1 year charge (1/s)
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20	ement and Wate ouble Paddy Cro ABE-2 Name	r Management opping Command Area (ha)	Unit Price  Canal Length (km)	23,391 693 24,084 Design Dis 3 Amount	for 1 year charge (1/s)
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description	ement and Wate ouble Paddy Cro ABE-2 Name Maphekha Unit	Command Area (ha) 27 Quantity	Unit Price  Canal Length (km) 2.2	23,391 693 24,084 Design Dis 3 Amount 26,045	for 1 year charge (1/s)
Additional Net Cost for Do Net Project Cost for Case / Canal Code C20 Description Net Cost for Canal Improv	ement and Water ouble Paddy Cro ABE-2 Name Maphekha Unit rement and Water	Command Area (ha) 27 Quantity er Management	Unit Price  Canal Length (km) 2.2	23,391 693 24,084 Design Dis 3 Amount 26,045 693	for 1 year charge (1/s) 5 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do	ement and Water ouble Paddy Cro ABE-2 Name Maphekha Unit rement and Water ouble Paddy Cro	Command Area (ha) 27 Quantity er Management	Unit Price  Canal Length (km) 2.2	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738	for 1 year charge (1/s) 5 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A	ement and Water ouble Paddy Cro ABE-2 Name Maphekha Unit ement and Water ouble Paddy Cro ABE-2	Command Area (ha) 27 Quantity er Management opping	Unit Price  Canal Length (km) 2.2  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738	for 1 year charge (1/s) 5 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code	ement and Water bubble Paddy Cro ABE-2 Name Maphekha Unit ement and Water bubble Paddy Cro ABE-2 Name	Command Area (ha) 27 Quantity er Management opping Consmand Area (ha)	Unit Price  Canal Length (km) 2.2  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis	for 1 year charge (1/s) 5 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code C21	ement and Water buble Paddy Cro ABE-2 Name Maphekha Unit ement and Water buble Paddy Cro ABE-2 Name Naykoyuwa	Command Area (ha) 27 Quantity er Management opping Conumand Area (ha) 24	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis	for 1 year charge (1/s) 5 Remarks for 1 year charge (1/s)
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code C21 Description	ement and Water buble Paddy Cro ABE-2 Name Maphekha Unit ement and Water buble Paddy Cro ABE-2 Name Navkovuwa Unit	Command Area (ha) 27 Quantity er Management opping  Conumand Area (ha) 24 Quantity	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km)	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3	for 1 year charge (1/s) 5 Remarks for 1 year charge (1/s) 0 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code C21 Description Net Cost for Canal Improv	ement and Water buble Paddy Cro ABE-2 Name Maphekha Unit ement and Water buble Paddy Cro ABE-2 Name Naykovuwa Unit rement and Water ement and Water Variety	Command Area (ha) 27 Quantity er Management opping  Conumand Area (ha) 24 Quantity er Management	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount	for 1 year charge (1/s) 5 Remarks for 1 year charge (1/s) 0 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Do Additional Net Cost for Do Additional Net Cost for Do Net Cost for Canal Improv Additional Net Cost for Do	ement and Wate ouble Paddy Cro ABE-2 Name Maphekha Unit ement and Wate ouble Paddy Cro ABE-2 Name Naykoyuwa Unit ement and Wate ouble Paddy Cro	Command Area (ha) 27 Quantity er Management opping  Conumand Area (ha) 24 Quantity er Management	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount	for 1 year charge (1/s) 5 Remarks  for 1 year charge (1/s) 0 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case	ement and Water Duble Paddy Cro ABE-2 Name Maphekha Unit Duble Paddy Cro ABE-2 Name Naykovuwa Unit Duble Paddy Cro ABE-2 Name Naykovuwa Unit Duble Paddy Cro ABE-2	Command Area (ha) 27 Quantity er Management opping  Conumand Area (ha) 24 Quantity er Management opping	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount 16,029 536	for 1 year charge (I/s) 5 Remarks for 1 year charge (I/s) 0 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case Canal Code Canal Cost for Canal Cost for Do Net Project Cost for Case Canal Code	ement and Water Duble Paddy Cro ABE-2 Name Maphekha Unit Ement and Water Duble Paddy Cro ABE-2 Name Naykoyuwa Unit Ement and Water Ouble Paddy Cro ABE-2 Name Naykoyuwa Unit Ement and Water Ouble Paddy Cro ABE-2 Name	Command Area (ha) 27 Quantity er Management opping  Conumand Area (ha) 24 Quantity er Management opping  Command Area (ha) 24 Command Area (ha)	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount 16,029 536 16,565	for 1 year charge (1/s) 5 Remarks  for 1 year charge (1/s) 0 Remarks  for 1 year
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case A Canal Code C21 Canal Code C22 Canal Code C22	ement and Water buble Paddy Cro ABE-2 Name Maphekha Unit ement and Water buble Paddy Cro ABE-2 Name Naykoyuwa Unit ement and Water ouble Paddy Cro ABE-2 Name Naykoyuwa Unit ement and Water ouble Paddy Cro ABE-2 Name Rumina	Command Area (ha) 27 Quantity er Management opping  Command Area (ha) 24 Quantity er Management opping  Command Area (ha) 24 Quantity er Management opping  Command Area (ha) 28	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount 16,029 536 16,565 Design Dis	for 1 year charge (1/s) 5 Remarks for 1 year charge (1/s) 0 Remarks for 1 year charge (1/s)
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Case Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Case Canal Code C22 Description	ement and Water buble Paddy Cro ABE-2 Name Maphekha Unit ement and Water buble Paddy Cro ABE-2 Name Naykoyuwa Unit ement and Water couble Paddy Cro ABE-2 Name Naykoyuwa Unit ement and Water couble Paddy Cro ABE-2 Name Rumina Unit	Command Area (ha) 27 Quantity er Management opping  Command Area (ha) 24 Quantity er Management opping  Command Area (ha) 24 Quantity er Management opping  Command Area (ha) 28 Quantity	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount 16,029 536 16,565 Design Dis	for 1 year charge (1/s) 5 Remarks  for 1 year charge (1/s) 0 Remarks  for 1 year
Additional Net Cost for Do Net Project Cost for Case / Canal Code C20  Description Net Cost for Canal Improv Additional Net Cost for Case / Canal Code C21  Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case Canal Code C22  Description Net Cost for Canal Improv Additional Net Cost for Case Canal Code C22  Description Net Cost for Canal Improv Net Cost for Canal Improv	ement and Water  Duble Paddy Cro  ABE-2  Name  Maphekha  Unit  The ment and Water  Duble Paddy Cro  ABE-2  Name  Naykoyuwa  Unit  The ment and Water  The ment and Water  Water  Name  Rumina  Unit  The ment and Water  Wa	Command Area (ha) 27 Quantity er Management opping  Command Area (ha) 24 Quantity er Management opping  Command Area (ha) 28 Quantity er Management	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount 16,029 536 16,565 Design Dis	for 1 year charge (1/s) 5 Remarks  for 1 year charge (1/s) 0 Remarks  for 1 year charge (1/s) 17 Remarks
Additional Net Cost for Do Net Project Cost for Case A Canal Code C20 Description Net Cost for Canal Improv Additional Net Cost for Case Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Do Net Project Cost for Case Canal Code C21 Description Net Cost for Canal Improv Additional Net Cost for Case Canal Code C22 Description	ement and Water buble Paddy Cro ABE-2 Name Maphekha Unit ement and Water buble Paddy Cro ABE-2 Name Naykoyuwa Unit ement and Water ouble Paddy Cro ABE-2 Name Rumina Unit vernent and Water vernent and Water ouble Paddy Cro	Command Area (ha) 27 Quantity er Management opping  Command Area (ha) 24 Quantity er Management opping  Command Area (ha) 28 Quantity er Management	Unit Price  Canal Length (km) 2.2  Unit Price  Canal Length (km) 1.7  Unit Price	23,391 693 24,084 Design Dis 3 Amount 26,045 693 26,738 Design Dis 3 Amount 16,029 536 16,565 Design Dis	for 1 year charge (1/s) 5 Remarks  for 1 year charge (1/s) 0 Remarks  for 1 year charge (1/s) 17 Remarks

#### Cost Estimation for Combination of Improvement Plan (Case ABE 3/4)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	harge (Vs)
Cl	Upper Lobeysa	61	7.1	7	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		29,893	
Additional Net Cost for Do				3,067	
Net Project Cost for Case				32,960	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C2	Lower Lobeysa	300	8.1	3.8	AND DESCRIPTION OF A STREET
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		119,351	
Additional Net Cost for Do		pping		3,499	_
Net Project Cost for Case	ABE-3			AND REAL PROPERTY AND ADDRESS OF THE PARTY O	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	rharge (Vs)
C9	Bajo Canal	143	15	18	CONTRACTOR OF THE PERSON OF TH
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		58,439	
Additional Net Cost for Do	puble Paddy Cro	pping	·	6,561	
Net Project Cost for Case	ABE-3			na mar na na mana mana an	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (I/s)
C10	Phangyul	91	16	10	3
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		112,305	
Additional Net Cost for Do				6,048	
Net Project Cost for Case				118,353	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C15	Gemka	15	3.5	1	8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		7,411	and the state of t
Additional Net Cost for Do				1,323	
Net Project Cost for Case				8,734	for 1 year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (l/s)
C18	Nalakha	29	3.9	.3	4
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		8,362	
Additional Net Cost for Do				1,474	* * * * * * * * * * * * * * * * * * *
Net Project Cost for Case	ABE-3			9,836	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
C19	Rutekha	40	2.2		6
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv	ement and Wate	r Management		21,592	
Additional Net Cost for De				832	
Net Project Cost for Case				22,423	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)		charge (l/s)
C20	Maphekha	27	2.2	3	
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv				24,042	r de la place de la mandada de la manda de
Additional Net Cost for D				832	
Net Project Cost for Case			]		for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)		charge (Vs)
C21	Navkoyuwa	24	1.7	•	6
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improv		Annual State of the Control of the C		14,796	
Additional Net Cost for D				643	
Net Project Cost for Case					for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)		charge (l/s)
	1		1.1	_	2
-	Rumina	1 9X			
C22	Rumina Unit	28 Quantity		and the second s	Remarke
C22 Description	Unit	Quantity	Unit Price	Amount	Remarks
C22 Description Net Cost for Canal Improv	Unit rement and Water	Quantity or Management		Amount 20,272	Remarks
C22 Description	Unit rement and Wate ouble Paddy Cro	Quantity or Management		Amount 20,272 416	Remarks for 1 year

## Cost Estimation for Combination of Improvement Plan (Case ABE 4/4)

Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (Vs)
	Upper Lobeysa	61	71	86	5
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve		r Management		32,384	:
Additional Net Cost for Do	uble Paddy Cros	pping	İ	2,556	
Net Project Cost for Case A				34,940	tor I vear
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Disc	harge (Vs)
	Lower Lobevsa	300	81	42	4
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve				129,297	
Additional Net Cost for Do	uble Paddy Cro	poing		2,916	
Net Project Cost for Case A				132,213	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (Vs)
Canal Code	Bajo Canal	143	15 1	20	_
Description	Unit	Quantity	Unit Price	Amoun!	Remarks
Net Cost for Canal Improve				63,309	
Additional Net Cost for Do	uble Peddy Cro	naine		5,468	
Net Project Cost for Case A		ppure			for I vear
Annual control of the Control of the	Name	Command Area (ha)	Canal Length (km)	Design Dis	
Canal Code	•	Command Alea (na)	16	D¢3(g)( D13	-
C10	Phangyul	Quantity	Unit Price	Amount	Remarks
Description	Unit		Ominice	121,664	accina R3
Net Cost for Canal Improve	ment and wate	r Management		5,040	
Additional Net Cost for Do		bbrug			for I year
Net Project Cost for Case A			(Circle 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Design Dis	the substantial and the su
Canal Code	Name	Command Area (ha)			O (naiše (nz)
C15	Gemka	15	3.5		
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve				8,029	
Additional Net Cost for Do		pping		1,103	1 mg
Net Project Cost for Case A	BE-4			The second secon	for I year
Canal Code	Name	Command Area (ha)			charge (1/s)
C18	Nalakha	29	3.9		8
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve	ement and Wate	r Management		9,059	
Additional Net Cost for Do	uble Paddy Cro	pping		1,229	
Net Project Cost for Case A	ABE-4			The state of the s	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (1/s)
C19	Rutekha	40	2.2	5	1
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve		r Management		23,391	
Additional Net Cost for Do	uble Paddy Cro	gniqq		693	
Net Project Cost for Case A				24,084	for I year
Canal Code	Name	Command Area (ha)	Canal Length (km)	Design Dis	charge (1/s)
C20	Maphekha	27	2 2	3	<b>.</b> 5
Description	Unit	Quantity	Unit Price	Amount	Remarks
Net Cost for Canal Improve				26,045	
Additional Net Cost for Do				693	
Net Project Cost for Case		77			for 1 year
THE RESIDENCE OF THE PARTY OF T	<del>الدائم السابية المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع المرابع</del>	Command Area (ha)	Canal Lenoth (km)		charge (Vs)
Canal Code	Name	Command Area (na)	1.7	_	10
C21	Naykoyuwa	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	A CONTRACTOR OF THE PARTY OF TH	Amount	Remarks
Description	Unit	Quantity	Unit Price	16,029	
Net Cost for Canal Improv	ement and Wate	er management		536	
Additional Net Cost for Do		opping			for I year
	ARL-A	A contract of the contract			scharge (Vs)
Net Project Cost for Case		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		. throan the	scharge (IVS)
Net Project Cost for Case A	Name	Command Area (ha)		1 ,	-
Net Project Cost for Case		Command Area (ha) 28	1.)		16
Net Project Cost for Case A Canal Code C22 Description	Name Rumina Unit	28 Quantity		Amount	6 Remarks
Net Project Cost for Case A Canal Code C22 Description Net Cost for Canal Improv	Name Rumina Unit ement and Wate	Quantity er Management	1.)	Amount 21,961	6 Remarks
Net Project Cost for Case A Canal Code C22	Name Rumina Unit ement and Wate	Quantity er Management	1.)	Amount 21,961 347	6 Remarks

### (7) Project Cost Estimation for River Pump System (unit : Nu.)

Name of Canal	Code	Comman	d Area (ha)	Design Discharge (Vs)	
Upper Lobeysa	Cl		5	6	150
Description	unit	Quantity	Unit Price	Amount	Remark
Civil Works		many resources and resources	Promittania de la Artica de Caracteria de Ca	Service as on a service and a	
River Pump System	set	1	219,472	219,472	
Water Tank Works	Unit	7	111,571	780.995	,
Sub-total				1,000,467	for 20 years
(for 1 year)				(50,023)	
(20, 2, 3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,				·	
Pumping Facilities	set	8	299,000	2,392,000	for 10 years
(for 1 year)	•••			(239,200)	•
(10/ 7 )(41/)					
O/M cost	for 1 set	8	25,112	200 896	for I year
O/M1 cost	IOI I SCI	0	25,112	200,070	
m . 4 0 639 4 . 6 1 . 6	٠.			100 110	for I year
Total Cost of Water Supply System				420.112	ior i voi
				30 <del>111</del> 8	for 1 year
Water Management Cost			: :	39,773	ioi i veat
					6. J
Total Project Cost	ŀ			529,891	for 1 year
Name of Canal	Code	Comman	d Area (ha)	Design Discharge (I/s)	Required Head (m)
Lower Lobeysa	C2		27	28	20
Description	unit	Quantity	Unit Price	Amount	Remark
Civil Works	AND THE PARTY OF T				
River Pump System	set	2	219,472	438,944	for 20 years
(for 1 year)			į	(21.947)	
		1.6			
Pumping Facilities	set	ر	299,000	598,000	for 10 years
(for 1 year)	""	_		(59,800)	
(tor 1 year)				(53,000)	
O/M cost	for 1 set	2	25,112	50 221	for 1 year
O/M COSt	101 1 501	٤	23,112	20,261	10, 1,00
Taxal Cast of Water Summly System				123 071	for I year
Total Cost of Water Supply System			,	171,271	for i veai
				0,000	
Water Management Cost				81,274	for 1 year
		1 1			
Total Project Cost		1 1		213,245	for 1 year
Name of Canal	Code	Comman	d Area (ha)	Design Discharge (l/s)	Required Head (m)
Bajo	C9		23	13	20
Description	unit	Quantity	Unit Price	Amount	Remark
Civil Works				Company on the ratio and a little to the latest and	
River Pump System	set	1	219,472	219,472	for 20 years
(for 1 year)				(10,974)	
livi 1 juli	1				,
Pumping Facilities	set		299,000	200 000	for 10 years
	261		277,000	(29,900)	
(for 1 year)	: :			(23,300)	
				25.113	lo- 1
O/M cost	for 1 set		25,112	25,112	for 1 year
					L .
Total Cost of Water Supply System				65,986	for I year
	1				1.
Water Management Cost	· ·			84,518	for I year
1	I .	· ·	1		
Total Project Cost				150,504	for I year
Total Project Cost				150,504	for I year

### (8) Construction Cost of the Drainage System (1/2)

Lobeysa		Drainas	e Area	300	ha
Description	Unit	Quantity	Unit Price	Amount	Remark
Drainage System Type D1		and the second s			
Collecting Ditch	m	500	13.22	6,612	
Outlet	L.S	· ·		9.075	
Others	L.S			1,569	
Total				17,256	for 10 ha
Drainage System Type D2					
Collecting Ditch	m	300	11.02	3.306	The state of the s
Outlet	LS	;		6.547	
Others	LS			985	
Total [1]		·		10,838	for 7 ha
Drainage System Type D3	1 1. 1.				
Collecting Ditch	m	200	10.28	2.057	
Outlet	L.S			4.516	·
Others	L.S	1.0		657	
Total	F		·	7.230	for 3.5 ha
Drainage System Type D1			1		
Collecting Ditch	m	100	4.41	411	1
Outlet	L.S	•		2,600	
Others	L.S		the state of	304	
Total				3,345	for 1.5 ha
			18 4 4		
Drainage Construction Cost					
Type D1	Set	20	17.256	345.116	
Type D2	Set	7	10.838	75.864	1
Type D3	Set	7	7.230	50.610	
Type D4	Set	17	3,345	56.863	1
Total				528.453	
				A SERVICE OF THE PARTY OF THE PARTY.	
8110	Action of the Control	partire are we will not an Extend to Partire F. 1	26 /169 24 / 169	118	ha
Description	Unit	Draina Quantity	e Area Unit Price	118 Amount	ha Remark
Description Drainage System Type D1	3	Quantity	Unit Price	Amount	Remark
Description Drainage System Type DI Collecting Ditch	m	partire are we will not an Extend to Partire F. 1		Amount 5,289	Remark
Description Drainage System Type DI Collecting Ditch Outlet	m L.S	Quantity	Unit Price	Amount 5,289 9,075	Remark
Description Drainage System Type DI Collecting Ditch Outlet Others	m	Quantity	Unit Price	Amount 5,289 9,075 1,436	Remark
Description Drainage System Type DI Collecting Ditch Outlet	m L.S	Quantity	Unit Price	Amount 5,289 9,075 1,436	Remark
Description Drainage System Type DI Collecting Ditch Outlet Others Total	m L.S	Quantity	Unit Price	Amount 5,289 9,075 1,436	Remark
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2	m L.S L.S	Quantity 400	Unit Price	Amount 5.289 9.075 1.436 15.801	Remark for 11 ha
Description Drainage System Type DI Collecting Ditch Outlet Others Total Drainage System Type D2 Collecting Ditch	L.S.	Quantity	Unit Price	5.289 9.075 1.436 15.801	Remark for 11 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet	m L.S L.S	Quantity 400	Unit Price	5.289 9.075 1.436 15.801 3.306 6.547	Remark for 11 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others	L.S.	Quantity 400	Unit Price	3.289 9.075 1.436 15.801 3.306 6.547 985	Remark for 11 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet	m L.S L.S	Quantity 400	Unit Price	3.289 9.075 1.436 15.801 3.306 6.547 985	Remark for 11 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total	m L.S L.S	Quantity 400	Unit Price	3.289 9.075 1.436 15.801 3.306 6.547 985	Remark for 11 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3	m LS LS LS LS	Quantity 400	Unii Price 13.22 11.02	3.306 6.547 9.838	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch	m LS LS LS LS	Quantity 400	Unit Price	3.306 6.547 9.838 10.838	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others	m LS LS LS LS LS	Quantity 400	Unii Price 13.22 11.02	3.306 6.547 985 10.838	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others	m LS LS LS LS	Quantity 400	Unii Price 13.22 11.02	3.306 6.547 9.838 2.057 4.516 6.547	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others	m LS LS LS LS LS	Quantity 400	Unii Price 13.22 11.02	3.306 6.547 9.838 2.057 4.516 6.547	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total	m LS LS LS LS LS	Quantity 400	Unii Price 13.22 11.02	3.306 6.547 9.838 2.057 4.516 6.547	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total	m LS LS LS LS LS	Quantity 400 300	Unit Price 13.22 11.02	3.289 9.075 1.436 15.801 3.306 6.547 985 10.838 2.057 4.516 657 7.230	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total	m LS LS LS LS LS	Quantity 400	Unii Price 13.22 11.02	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2.057 4.516 657 7.230	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others	m LS LS LS LS LS	Quantity 400 300	Unit Price 13.22 11.02	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2,057 4,516 657 7,230	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others	m LS LS LS LS LS	Quantity 400 300	Unit Price 13.22 11.02	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2,057 4.516 657 7.230 441 2,600	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others	m LS LS LS LS LS	Quantity 400 300	Unit Price 13.22 11.02	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2,057 4.516 657 7.230 441 2,600	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total	m LS LS LS LS LS LS	Quantity 400 300	Unit Price 13.22 11.02	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2,057 4.516 657 7.230 441 2,600 304	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost	m LS LS LS LS LS	Quantity 400 200 200	Unit Price 13.22 11.02 10.28	Amount  5.289 9,075 1,436 15.801 3,306 6,547 985 10.838 2,057 4,516 657 7,230 441 2,600 304 3,345	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1	m LS LS LS LS Set	Quantity 400 200 200 200	Unit Price 13.22 11.02 10.28	Amount  5.289 9,075 1,436 15.801 3,306 6,547 985 10.838 2,057 4,516 657 7,230 441 2,600 304 3,345	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2	m LS LS LS Set Set	Quantity 400 200 200 200 0	Unit Price 13.22 11.02 10.28	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2.057 4.516 657 7.230 441 2.600 304 3.345	Remark  for 11 ha  for 8 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2 Type D3	m LS LS LS LS Set Set Set Set	Quantity 400 200 200 0 0 0 0	Unit Price 13.22 11.02 10.28 15.801 19.838 7.230	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2.057 4.516 657 7.230 441 2.600 304 3.345	Remark  for 11 ha  for 8 ha  for 1.5 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2 Type D3 Type D4	m LS LS LS Set Set	Quantity 400 200 200 200 0	Unit Price 13.22 11.02 10.28 15.801 19.838 7.230	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2.057 4.516 657 7.230 441 2.600 304 3.345	Remark  for 11 ha  for 8 ha  for 1.5 ha
Description  Drainage System Type DI Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2 Type D3	m LS LS LS LS Set Set Set Set	Quantity 400 200 200 0 0 0 0	Unit Price 13.22 11.02 10.28 15.801 19.838 7.230	Amount  5.289 9.075 1.436 15.801 3,306 6.547 985 10.838 2.057 4.516 657 7.230 441 2.600 304 3.345	Remark  for 11 ha  for 8 ha  for 1.5 ha

### (8) Construction Cost of the Drainage System (2/2)

Phangul	and the control of the second	Draina	e Area	6	ha .
Description	Unit	Quantity	Unit Price	Amount	Remark
Drainage System Type D1					
Collecting Ditch	m	250	13.22	3,306	
Outlet	L.S			9,075	
				1.238	1 1 1
Others	LS				for 6 ha
Total				13.019	for o ua
				: 1	
Drainage System Type D2					
Collecting Ditch	m	150	11.02	1.653	
Outlet	LS			6.547	
Others	LS			820	
Total	1 1 4 4			9,019	for 4.5 ha
Drainage System Type D3					
Collecting Ditch		100	10.28	1,028	
	m	100	10.20	4,516	
Outlet	LS			554	
Others	LS				
Total				6.093	for 2.2 ha
					: 1
Drainage System Type D1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Collecting Ditch	m	50	4.41	220	
Outlet	LS	[		2,600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	LS			282	
Others	LS				for I ha
Total				5.102	IOL 1 Hg
1 1 1 1 1 1 1 1		1 7 1 1			43 1
Drainage Construction Cost	,				
Type D1	Set	0	13.619	0	
Type D2	Set	0	9.019	0	
Type D3	Set	27	6.099	164,664	
Type D4	Set		3,102	21,717	
Total	300	[	3,102	186,381	
rotat ;	1 .			100,301	, t i,
			1 1		1
			Control of the Contro	4 1 1	1
Rubeys2	and the same	Draina		138	ha
Description	Unit	Draina Quantity	ge Area : Unit Price :	138 Amount	ha Remark
Description Drainage System Type D1		Quantity:	Unit Price	Amount	Remark
Description Drainage System Type D1 Collecting Ditch	m		Unit Price	Amount 3,306	Remark
Description Drainage System Type D1		Quantity:	Unit Price	Amount 3,306 9,075	Remark
Description Drainage System Type D1 Collecting Ditch	m	Quantity:	Unit Price	Amount 3,306	Remark
Description Drainage System Type DI Collecting Ditch Outlet	m LS	Quantity:	Unit Price	Amount 3.306 9.075 1.238	Remark
Description Drainage System Type DI Collecting Ditch Outlet Others	m LS	Quantity:	Unit Price	Amount 3.306 9.075 1.238	Remark
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total	m LS	Quantity:	Unit Price	Amount 3.306 9.075 1.238	Remark
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2	m L.S L.S	Quantity 250	Unit Price 13.22	Amount 3,306 9,075 1,238 13,619	Remark for 6.5 ha
Description  Drainage System Type D1  Collecting Ditch  Outlet  Others  Total  Drainage System Type D2  Collecting Ditch	m LS LS	Quantity:	Unit Price 13.22	Amount 3,306 9,075 1,238 13,619	Remark
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet	m LS LS	Quantity 250	Unit Price 13.22	Amount 3,306 9,075 1,238 13,619 1,653 6,547	Remark
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others	m LS LS	Quantity 250	Unit Price 13.22	Amount  3,306 9,075 1,238 13,619  1,653 6,547 820	Remark
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet	m LS LS	Quantity 250	Unit Price 13.22	Amount  3,306 9,075 1,238 13,619  1,653 6,547 820	Remark
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others	m LS LS	Quantity 250	Unit Price 13.22	Amount  3,306 9,075 1,238 13,619  1,653 6,547 820	Remark
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total	m LS LS	Quantity 250	Unit Price 13.22	Amount  3,306 9,075 1,238 13,619  1,653 6,547 820	Remark
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total	m LS LS LS	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch	m L.S L.S m L.S L.S	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total	m L.S L.S m L.S L.S	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total	m L.S L.S m L.S L.S	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516 554	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total	m L.S L.S m L.S L.S	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516 554	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total	m L.S L.S m L.S L.S	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516 554	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total	m L.S L.S m L.S L.S	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516 554 6.099	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total	m L.S L.S m L.S L.S	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516 554	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D1 Collecting Ditch	m LS LS m LS LS	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516 554 6.099	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D1 Collecting Ditch Outlet	m LS LS m LS LS	Quantity 250	Unit Price 13.22 11.02	Amount  3.306 9.075 1.238 13.619  1.653 6.547 820 9.019  1.028 4.516 554 6.099	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others	m LS LS m LS LS	Quantity 250	Unit Price 13.22 11.02	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Ootlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D1 Collecting Ditch Outlet	m LS LS m LS LS	Quantity 250	Unit Price 13.22 11.02	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total	m LS LS m LS LS	Quantity 250	Unit Price 13.22 11.02	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D2 Collecting Ditch Outlet Others Total  Drainage System Type D3 Collecting Ditch Outlet Others Total  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage System Type D1 Collecting Ditch Outlet Others Total  Drainage Construction Cost	m LS LS m LS LS	Quantity 250	Unit Price 13.22 11.02	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282 3.102	Remark for 6.5 ha for 5 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total	m LS LS m LS LS	Quantity 250 150	Unit Price 13.22 11.02 10.28	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282 3.102	Remark for 6.5 ha for 2.5 ha for 1 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1	m LS LS m LS LS	Quantity 250 150	Unit Price 13.22 11.02 10.28	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282 3.102	Remark for 6.5 ha for 2.5 ha for 1 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2	m L.S L.S m L.S L.S	Quantity 250 150	Unit Price 13.22 11.02 10.28 13.619 9.019	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282 3.102	Remark  for 6.5 ha  for 2.5 ha  for 1 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2 Type D3	m L.S L.S m L.S L.S set Set Set Set	Quantity 250 150 100	Unit Price 13.22 11.02 10.28 1.41 1.41 1.619 9.019 6.099	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282 3.102	Remark for 6.5 ha for 2.5 ha for 1 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2 Type D3 Type D3 Type D4	m L.S L.S m L.S L.S	Quantity 250 150	Unit Price 13.22 11.02 10.28 13.619 9.019	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282 3.102	Remark for 6.5 ha for 2.5 ha for 1 ha
Description  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D2 Collecting Ditch Outlet Others  Total  Drainage System Type D3 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage System Type D1 Collecting Ditch Outlet Others  Total  Drainage Construction Cost Type D1 Type D2 Type D3	m L.S L.S m L.S L.S set Set Set Set	Quantity 250 150 100	Unit Price 13.22 11.02 10.28 1.41 1.41 1.619 9.019 6.099	3.306 9.075 1.238 13.619 1.653 6.547 820 9.019 1.028 4.516 554 6.099 220 2.600 282 3.102	Remark for 6.5 ha for 2.5 ha for 1 ha

# VI. DATA FOR DOMESTIC WATER SUPPLY PLAN

#### VI. DATA FOR DOMESTIC WATER SUPPLY PLAN

- 1. Calculation of Conveyance Pipeline from Pe Chhu to Water Distribution Station
- 2. Schematic Diagram of Development Schemes for Rural Water Supply Plan
- 3. Unit Construction Cost of Rural Water Supply Plan

#### CALCULATION OF CONVEYANCE PIPELINE FROM PE CHHU TO WATER DISTRIBUTION STATION

#### 1. Design Conditions

-Design discharge

: 1,700 m3/day (20 l/sec)

-Design water level

; Grit Chamber LWL: 1,428.0 m, HWL:1,430.5 m

-Raw water receiving tank: 1,344.0 m

-Total distance

: 8.4 km

-Diameter

: 8 inch

-Type of piping materials

: Ductile iron pipe

The longitudinal profile of the planned conveyance pipeline is attached to the next page.

#### 2. Formula of Hydraulic Calculation

The Hazen-William's formula is applied to predict head losses as a function of velocity in pipes.

This formula is

$$I = 10.666 \times C^{-1.85} \times D^{-4.87} \times Q^{1.58}$$

where I: Energy gradient = h/L

h : Energy head loss (m)

L : Pipe length = 8,336 m

C: Coefficient of velocity = 130

D: Pipe diameter = 0.2 m

Q: Flow rate =  $0.0197 \, \text{m}^3 / \text{sec}$ 

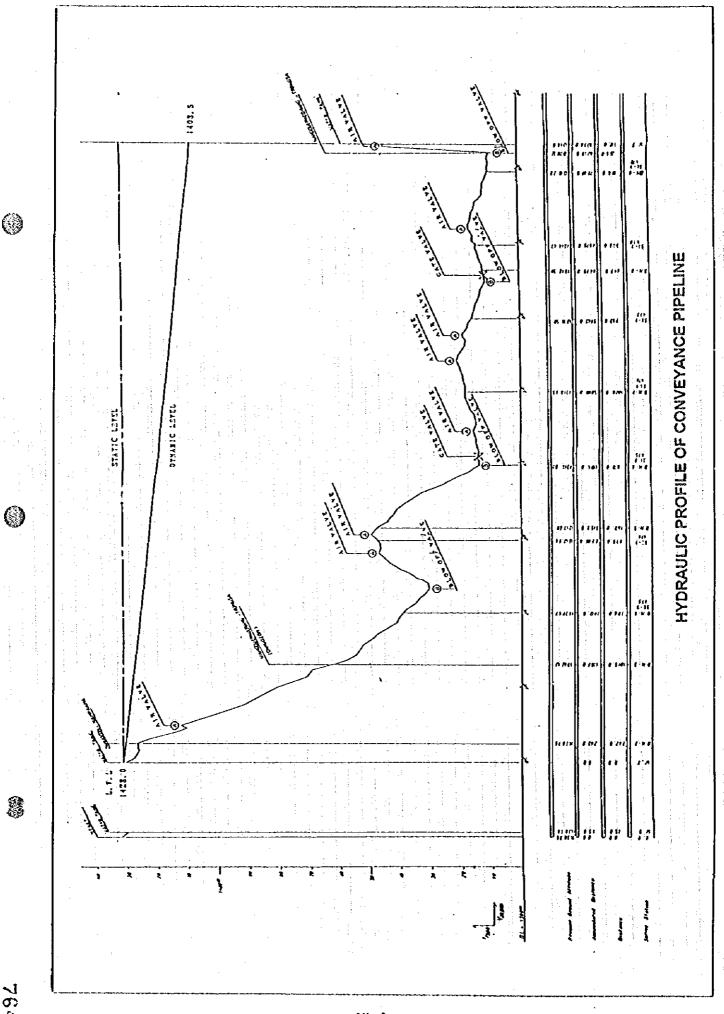
#### 3. Results of Hydraulic Calculation

For hydraulic engineering, it is very important to estimate the head loss in steady conditin. As the results of above hydralic calculation, the energy head loss is caluculated as 19.4 m (h).

The flow velocity of pipe is also calculated at 0.63 m/sec as the result of above hydraulic calculation. The design velocity of pipes must be determined within the limits of two factors; the minimum allowable velocity and the maximum allowable velocity.

The minimum design velocity should be more than 0.3 m/sec and the maximum design velocity should be 3.0 m/sec for the mortared lining ductile iron pipe according the domestic water supply design mannual.

As the result of hydralic calculation, 8 inch diameter of ductile iron pipe is judged to be applied for the construction of new conveyance pipeline.



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