Chapter 2

PALUKADAWELA MAJOR IRRIGATION SCHEME

- Rehabilitation and Improvement Plan by Farmers -





Palukadawela Scheme Proposed by Farmers' OrganizationName of Scheme: PalukadawelaName of FO, etc.: Tract 1

Inal	ne of FO, etc.									
				Mat	erials/Others		Labour rec	uired fo	r the work	Farmers' participation
No.	Place to be repaired	Existing Condition / How to repair	Description	Require	ment	Expected Cost (Rs.)	Requirement		Expected Cost (Rs.)	Expected Cost (Rs.)
1	Colored section of the map under I	Filling earth and turfing the colored section Length about - 400 meters, width 12 ft	Filling earth	Inclu	ıded in rehabi	litation plan	of Irrigation D	epartme	nt of Main can	al
2	Provision of 23 Nos. pipes to distribute water to paddy fields	Remove the existing pipes and replace them with new pipes with small structures for both sides (turnout)	Pipes 6' ft x 23 nos. Side concrete blocks 18 nos. (3' ft 1 1/2' ft x 2' ft)	Concrete Earth works Snue gate uia. 200 HP dia.12" Removing	46 cu 46 cu 23 nos 460 ft 23 nos	377,200 264,500 161,000	Skilled 4 Labors 35 Labors 10 Labors 5	6 days 7 days 2 days 1 days	12,650 62,475 17,850 8,925	62,475 17,850 8,925
	Sub-total					802,700			92,975	80,325
	Grand-total					895,675				



The Study for the Potential Realization of Irrigated Agriculture	Rehabilitation and Impr
in the Dry and Intermediate Zones of Sri Lanka	by Yaya - 2
Japan International Cooperation Agency (JICA)	5 5

rovement Plan of Irrigation Infrastructure 2 DC Farmers' Organisation

Palukadawela Scheme Proposed by Farmers' Organization (1/2)Name of Scheme: PalukadawelaName of FO, etc.: Tract 2

Inal	ne of FO, etc.	. Tract 2									
No.	Place to be repaired	Existing Condition / How to repair	Description	Ma	terials/Others		Labou	r requi	red for	the work	Farmers' participatio
			I I I	Require	ment	Expected Cost (Rs.)	Requ	iiremei	nt	Expected Cost (Rs.)	Expected Cost (Rs.)
1	Removing earth heaps from tank	Remove earth by dozer machine from tank bed and push rocks beyond tank bund up to sluice sill level. Left over earth dump on narrow places of canal bund with tractors	1 acre 1 mile	Desilting Soil haulage	2,860 cu 2,860 cu	1,144,000 486,200					
2	D9 canal - outlet to lot no. 78	At present the pipe is broken, because this water is obtained by cutting through the road and the road is damaged must provide a pipe to the width of the road must demarcate the reservation	24 ft long	HP dia. 6 inch Concrete Earth works Metal	24 ft 1 cu 1 cu 1 cu	5,040 8,200 2,600	Skilled Labors Labors Labors	1 8 2 2	days days days days	275 1,400 350 350	1,400 350 350
3	D9 canal outlet to lot no. 79	- as mentioned above-	as mentioned above	HP dia. 6 inch Concrete Earth works Metal	24 ft 1 cu 1 cu 1 cu	5,040 8,200 2,600	Skilled Labors Labors Labors	1 8 2 2	days days days days	275 1,400 350 350	1,400 350 350
4	D10/3 field canal gate	The rod and the door should be replaced and cover with concrete and apply anti- corrosive paint (turnout)	9" inch gate	Inclu	ıded in rehabili	tation plan of	Irrigation I	Depart	ment of	f D10/Tract 2	
5	D10/3 canal road	Fill the pet holes with earth and gravel compact with a roller and hand over to farmers	Length 500m W 3 m	Earth works Gravel	80 cu 53 cu	40,000 106,000	Labors Labors	178 118	days days	31,150 20,650	31,150 20,650
6	Side wall near D10/5 canal	Since water of leaking from this earth canal bund must construct a rubble masonry wall, plaster to prevent leaking	Length 50m, W 30 cm H 75 cm	Inclu	ided in rehabili	tation plan of	Irrigation I	Depart	ment of	f D10/Tract 2	
7	D10/5 field canal gate	as per no.4	as per no.4	Included in rehabilitation plan of Irrigation Department of D10/Tract 2							
8	Side wall of D10 near D10/6 canal	As per no.6	As per no.6	Included in rehabilitation plan of Irrigation Department of D10/Tract 2							
9	D10/4/1 field canal bund	Earth filling, compact, turfing	Length 150m, bed width 45 cm, Height 75 cm	Earth works Turfing	51 cu 23 sq	12,750	Labors Labors	113 16	days days	19,775 2,800	19,775 2,800
10	D10/7 canal road	As per no.5	As per no.5	Earth works Gravel	80 cu 53 cu	40,000 106,000	Labors Labors	178 118	days days	31,150 20,650	31,150 20,650
11	D10/7 canal outlet to lot no. 157	As per no.2	As per no.2	HP dia. 6 inch Concrete Earth works Metal	24 ft 1 cu 1 cu 1 cu	5,040 8,200 2,600	Skilled Labors Labors Labors	1 8 2 2	days days days days	275 1,400 350 350	1,400 350 350
12	D10/7 canal outlet to lot no. 158	As per No.11	As per No.11	HP dia. 6 inch Concrete Earth works	24 ft 1 cu 1 cu	5,040 8,200	Skilled Labors Labors	1 8 2 2	days days days days	275 1,400 350	1,400 350
13	D10/7 canal outlet to lot no. 159	As per No.11	As per No.11	HP dia. 6 inch Concrete Earth works Metal	24 ft 1 cu 1 cu 1 cu	2,600 5,040 8,200 2,600	Skilled Labors Labors Labors	1 8 2 2	days days days days days	275 1,400 350 350	1,400 350 350
14	D10/7 canal outlet to lot no. 160	As per No.11	As per No.11	HP dia. 6 inch Concrete Earth works Metal	24 ft 1 cu 1 cu 1 cu	5,040 8,200 2,600	Skilled Labors Labors Labors	1 8 2 2	days days days days days	275 1,400 350 350	1,400 350 350
15	D 10/7 canal outlet upper lot	Pipe outlet	Length 30' ft 6" inches dia pipes	HP dia. 6 inch Concrete Earth works Metal	30 ft 1 cu 1 cu 1 cu	6,300 8,200 2,600	Skilled Labors Labors Labors	1 8 2 2	days days days days	275 1,400 350 350	1,400 350 350
16	D 10/8 canal road	As per No. 5	Length 500m, W 10' ft	Earth works Gravel	80 cu 53 cu	40,000 106,000	Labors Labors	178 118	days days	31,150 20,650	31,150 20,650
17	D10/9 canal road	As per No. 5	Length 600m, W 10' ft	Earth works Gravel	95 cu 64 cu	47,500 128,000	Labors Labors	211 142	days days	36,925 24,850	36,925 24,850
18	D10/9 side wall on the beginning of canal	presently the bund is dilapidated and cracked. Remove old masonry wall and concrete the wall 4" inches	Length one side 3 m x 2 sides H 5ft	Included in rehabilitation plan of Irrigation Department of							

No	Place to be repaired	Existing Condition / How to repair	Description	Ma	aterials/Others		Lab	our requi	red for	the work	Farmers' participation
	1		1	Require	ment	Expected Cost (Rs.)	Rec	quiremen	t	Expected Cost (Rs.)	Expected Cost (Rs.)
		- do -	- do -	Concrete	1 cu	8,200	Skilled	1	days	275	275
	Cida wall naan duain nina						Labors	8	days	1,400	1,400
19	of D10/0 corrol			Earth works	2 cu		Labors	4	days	700	700
	of D10/9 canal			Metal	1 cu	2,600	Labors	2	days	350	350
				Removing	3 m		Labors	3	days	525	525
		Both sides are heavily washed off	Concrete bund	Concrete	2 cu	16,400	Skilled	2	days	550	550
		must fill with earth and compact	3 ft high, L 10m				Labors	16	days	2,800	2,800
		construct a concrete bund across		Earth works	5 cu		Labors	11	days	1,925	1,925
	Darin canal anicut near	canal and fix gates to release water		Metal	1 cu	2,600	Labors	2	days	350	350
20	lot 187	when necessary	Gate	Concrete	2 cu	16,400	Skilled	2	days	550	
	101 107						Labors	16	days	2,800	2,800
				Earth works	2 cu		Labors	4	days	700	700
				Slide Gate	1 nos	300.000					
				1000x500	1 1105	200,000					
21	D10/10 canal road	Clear the road of scrub and grass	Length 500m	Earth works	80 cu	40,000	Labors	178	days	31,150	31,150
	DTo, To Cullui Tolui	earth filling and compacting and		Gravel	53 cu	106,000	Labors	118	days	20,650	20,650
22	D10/10 canal sluice rod	Remove the broken rod and fix a	4 ft high	Rod 4 ft	1 nos	5,000					
	D10/10 cultur statee fou	new one with concrete sides.		Rou 4 R							
		as per No. 2	Length 12' ft	HP dia 6 inch	12 ft	2 520					
					12 1	2,520					
23	Inlet pipe to lot no. 185			Concrete	1 cu	8,200	Skilled	1	days	275	
							Labors	8	days	1,400	1,400
				Earth works	l cu	2 (00	Labors	2	days	350	350
		As some as No. 2	Langth 12'ft	Metal	1 CU	2,600	Labors	2	days	350	350
		As sama as No. 2	Lengui 12 It	Concrete	12 ft	2,320	Skilled	1	dave	275	
24	Inlat to lot no 186			Concrete	i cu	8,200	Labore	2	days	1 400	1.400
24				Farth works	1 cu		Labors	2	days	350	350
				Metal	1 cu	2 600	Labors	2	dave	350	350
25	D10/11	As sama as No. 4	Sama as No. 4	litetai	-1 d d -1111	:1:4-4:	f Indianation	- D	uays	550 5 D10/True + 2	550
25	D10/11 canal gate rod			Inc	cluded in renab	nination plan c	or irrigatio	n Depart	ment of	1 D10/ I ract 2	
26	D10/11 Canal road	Same as No. 5	Length 520m	Earth works	83 cu	41,500	Labors	184	days	32,200	32,200
20	D10/11 Callal Ioau		same as No. 5	Gravel	55 cu	110,000	Labors	122	days	21,350	21,350
		Same as No. 11	Same as No. 11	HP dia. 6 inch	24 ft	5,040					
				Concrete	1 cu	8,200	Skilled	1	days	275	
27	Inlet pipe to lot 204						Labors	8	days	1,400	1,400
				Earth works	1 cu	2 - 600	Labors	2	days	350	350
		G N 11	G N 11	Metal	1 cu	2,600	Labors	2	days	350	350
		Same as No. 11	Same as No. 11	HP dia. 6 inch	24 π 1 m	5,040	Cluilla d	1	dorso	275	
28	Inlet pipe to lot 208			Concrete	1 cu	8,200	Labora	1	days	1 400	1.400
20	linet pipe to lot 200			Farth works	1 cu		Labors	0	dave	1,400	1,400
				Metal	1 cu	2 600	Labors	2	days	350	350
		Same as No. 2.	Same as No. 2	HP dia, 6 inch	24 ft	5.040	Labors	2	aays	550	550
				Concrete	1 cu	8,200	Skilled	1	davs	275	
29	Inlet pipe to lot 224					,	Labors	8	days	1,400	1,400
				Earth works	1 cu		Labors	2	days	350	350
				Metal	1 cu	2,600	Labors	2	days	350	350
		Same as No. 2	Length 24' ft	HP dia. 6 inch	24 ft	5,040					
				Concrete	1 cu	8,200	Skilled	1	days	275	
30	Inlet pipe to lot 222						Labors	8	days	1,400	1,400
				Earth works	1 cu		Labors	2	days	350	350
				Metal	1 cu	2,600	Labors	2	days	350	350
31	D11 canal	Same as No. 4	Door and rod	nd rod Included in rehabilitation plan of Irrigation Department of Main can					f Main canal		
		Sama as No. 11	Length 18' ft	HP dia, 6 inch	18 ft	3.780					
				Concrete	1 cu	8,200	Skilled	1	davs	275	
32	Inlet pipe to lot 161					0,200	Labors	8	days	1.400	1,400
				Earth works	1 cu		Labors	2	days	350	350
				Metal	1 cu	2,600	Labors	2	days	350	350
22	D11 canal road right side	Same as No. 5	Length 700m	Earth works	111 cu	55,500	Labors	246	days	43,050	43,050
- 55	Di i canai i tau figin side			Gravel	74 cu	148,000	Labors	164	days	28,700	28,700
34	D12 canal road	Same as No. 5	Length 500m	Earth works	111 cu	55,500	Labors	246	days	43,050	43,050
				Gravel	74 cu	148,000	Labors	164	days	28,700	28,700

Palukadawela Scheme Proposed by Farmers' Organization (2/2)

Name of Scheme : Palukadawela Name of FO, etc. : Tract 2

No.	Place to be repaired	Existing Condition / How to repair	Description	Materials/Others			Labor	ur requi	red for	the work	Farmers' participatio
				Require	ment	Expected Cost (Rs.)	Req	uiremer	nt	Expected Cost (Rs.)	Expected Cost (Rs.)
		Same as No. 11	Length 18' ft	HP dia. 6 inch Concrete	18 ft 1 cu	3,780 8,200	Skilled	1	days	275	
35	Inlet pipe to lot 165			Douth and do	1		Labors	8	days	1,400	1,400
				Metal	1 cu 1 cu	2,600	Labors Labors	2	days days	350 350	350 350
		Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780	a			0.7.5	
36	Inlet pipe to lot 166			Concrete	1 cu	8,200	Labors	1 8	days days	275 1,400	1.400
				Earth works	1 cu		Labors	2	days	350	350
		Sama as No. 11	Longth 18' ft	Metal	1 cu	2,600	Labors	2	days	350	350
		Same as NO. 11	Lengui 18 It	Concrete	18 ft 1 cu	8,200	Skilled	1	days	275	
37	Inlet pipe to lot 167						Labors	8	days	1,400	1,400
				Earth works Metal	1 cu 1 cu	2 600	Labors Labors	2	days	350 350	350 350
20	D10/4/EC7 Bood	Sama as No. 5	Length 700m	Earth works	111 cu	55,500	Labors	246	days	43,050	43,050
- 30	D10/4/FC7 Road			Gravel	74 cu	148,000	Labors	164	days	28,700	28,700
39	D10/4/FC7 Right canal bund	Same as No. 9	Length 700m	Earth works Gravel	111 cu 74 cu	55,500 148,000	Labors Labors	246 164	days days	43,050 28,700	43,050 28,700
		Same as No. 18	Length 3m x	Concrete	1 cu	8,200	Skilled	1	days	20,700	20,700
	D10/4/FC7 side wall		both sides $= 6m$				Labors	8	days	1,400	1,400
40	at the beginning of			Earth works Metal	2 cu 1 cu	2 600	Labors Labors	4	days days	700 350	700 350
	canai			Removing	3 m	2,000	Labors	3	days	525	525
		Same as No. 4	Door and rod	Concrete	2 cu	16,400	Skilled	2	days	550	
							Labors	16	days	2,800	2,800
41	D10/4/FC8 door and rod			Earth works	2 cu		Labors	4	days	700	700
	iou			Sinde gate dia.	1 nos	11,500					
				HP dia.12"	20 ft	7,000					
		Same as No. 6	Length 70m x	RRM	8 cu	25,600	Skilled	6	days	1,650	7 000
	D10/4/FC8 canal		both side = 140 m	Earth works	35 cu		Labors Labors	40 78	days days	7,000 13.650	7,000 13.650
42	bund			Metal	2 cu	5,200	Labors	4	days	700	700
				Plaster	11 sq	4,069	Skilled	8	days	2,200	175
	510/4/5/201	Same as No. 6	Length 75m x				Labors	11	uays	175	1/3
43	D10/4/FC9 side wall of left side of canal		left side of canal	Inch	aded in rehabilit	ation plan of	Irrigation	Departı	nent of	f D10/Tract 2	
		Same as No. 23	Length 6' ft	HP dia. 6 inch	6 ft	1,260					
44	Inlet nine to lot 291			Concrete	1 cu	8,200	Skilled Labors	1	days days	275 1 400	1 400
	linet pipe to lot 291			Earth works	1 cu		Labors	2	days	350	350
		0 X 5	1 500	Metal	1 cu	2,600	Labors	2	days	350	350
45	D10/FC12/1 canal road	Same as No. 5	Length 500m	Earth works Gravel	80 cu 53 cu	40,000	Labors Labors	1/8	days days	20.650	31,150 20.650
46	D10/EC12 canal road	Same as No. 5	Length 700m	Earth works	111 cu	55,500	Labors	246	days	43,050	43,050
	D10/1 C12 canar 10au	C N- 19	Langth 2 m hade	Gravel	74 cu	148,000	Labors	164	days	28,700	28,700
	D10/FC12 side wall	Same as No. 18	sides = $6m$	Concrete	1 cu	8,200	Labors	8	days days	1,400	1,400
47	at the beginning of			Earth works	2 cu		Labors	4	days	700	700
	canal			Metal	1 cu	2,600	Labors	2	days	350 525	350 525
		Same as No. 11	Length 18' ft	Removing HP dia 6 inch	3 m 18 ft	3 780	Labors	3	days	525	525
			Longar 10 ft	Concrete	10 R	8,200	Skilled	1	days	275	
48	Inlet pipe to lot 241					-,	Labors	8	dave	1,400	1 400
				E and an also	1		Labore	2	days	350	350
				Metal	1 cu 1 cu	2.600	Labors	2	days days	350	350
		Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780					
49	Inlet pipe to lot 242			Concrete	1 cu	8,200	Skilled Labors	1 8	days days	275 1.400	1,400
				Earth works	1 cu	0.000	Labors	2	days	350	350
				wietai	1 cu	2,600	Labors	2	days	350	350

Image: Solution of the	No.	Place to be repaired	Existing Condition / How to repair	Description	tion Materials/Others Expecte			Labou	ar required for	the work	Farmers' participation
State at No. 11 Logal 18 ft in active volts HP dia. 6 tach Low 18 ft State 5.700 Low 2.000 Low 1.000 Low					Requireme	ent	Expected Cost (Rs.)	Requ	irement	Expected Cost (Rs.)	Expected Cost (Rs.)
Each works 1 col 2 Johns 2 days 388 333 51 Same as No. 11 Length 197 ft. Concrete 1 col Same 3.00 (Silid) 1 days 2 days 330 52 Inter pipe no be 251 Each works 1 col 2 days 330 330 53 Inter pipe no be 251 Same as No. 11 Length 197 ft. 100 ft. 1 days 2 days 330 330 54 Inter pipe no be 251 Same as No. 11 Length 197 ft. 100 ft. 1 days 1 days 2 days 330 330 53 Inter pipe no be 251 Same as No. 11 Length 197 ft. 100 ft. 1 days 2 days 330 330 54 Inter pipe no be 254 Same as No. 25 Length 197 ft. 100 ft. 1 days 2 days 330 330 54 Inter pipe no be 254 Same as No. 25 Length 127 ft. 1 ft. 1 days 2 days 330 330 54 Inter pipe no be 254 Same as No. 25 Length 127 ft.	50	Inlet pipe to lot 249	Same as No. 11	Length 18' ft	HP dia. 6 inch Concrete	18 ft 1 cu	3,780 8,200	Skilled Labors	1 days 8 days	275 1,400	1,400
Sime is No. 11 I reght 18 ft III dia 6 lack 18 ft 3.780 272 51 Inder pipe to for 251 Early works 1 co 5.700 1 dates 4 days 2 days 330 530 52 Inder pipe to for 251 Same as No. 11 Length 18 ft III dia 6 lack 1 dia 6 lac					Earth works Metal	1 cu 1 cu	2,600	Labors Labors	2 days 2 days	350 350	350 350
S Interpretor for 251 Concrete 1 col K200 Skilled 1 dops 272 bit propero 52 Interpretor for 251 Same as No 11 Length IR ft HP dia 6 into L 1 col 2 dops 354 353 52 Interpretor for 251 Same as No 11 Length IR ft HP dia 6 into L 1 col 2 dops 1 dop 1 dop <t< td=""><td></td><td></td><td>Same as No. 11</td><td>Length 18' ft</td><td>HP dia. 6 inch</td><td>18 ft</td><td>3,780</td><td></td><td></td><td></td><td></td></t<>			Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780				
Simulation Control	51	Talat aires to lat 251			Concrete	1 cu	8,200	Skilled	1 days	275	1 400
main i car 2.000 Labor. 2 args 3.300 52 Inlet pipe to fot 252 Longh 19 m Longh 19 m Plan 6 andm. 1 days 2.275 53 Inlet pipe to fot 252 Same as No. 11 Longh 18 m 1 car Labor. 8 days 1.400 1.400 54 Inlet pipe to fot 254 Same as No. 11 Labor. 1 mile pipe to fot 254 Labor. 8 days 1.400 1.400 55 Inlet pipe to fot 254 Same as No. 23 Longh 12 m Plan 6 for the 1 1 car Labor. 2 days 330 350 54 Inter pipe to fot 245 Same as No. 23 Longh 12 m Plan 6 for the 1 1 car K200 Labor. 2 days 330 350 55 Inter pipe to fot 245 Same as No. 23 Longh 12 m Plan 6 for the 1 1 car K200 Labor. 2 days 330 350 56 DIOFCL2 Lot 235 Concrete Concrete 1 car 2.200 Labor. 2 days 350 350 57 DIOFCL2 Lot 235	51	met pipe to lot 251			Earth works	1 cu		Labors	o days 2 days	350	350
Same as No. 11 Derigh 16" n HP da. 6 inch 3 R h 3.28					Metal	1 cu	2,600	Labors	2 days	350	350
52 late tiple to lot 252 Image: Concrete in a construction of the construent of the construent of the construent of the construct			Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780				
Second	52	Inlet nine to lot 252			Concrete	1 cu	8,200	Skilled Labors	1 days 8 days	275 1 400	1.400
e Meal 1 cv 2.000 labors 2.4 dps 530 350 350 53 Inlet pipe to fot 254 Larght 18 ft If Pd Lit, 6 inch 1 cu Labors 8.4 dps 1.4 dps 3.50 3.50 54 Inlet pipe to fot 254 Same as No. 23 Length 12 ft If Pd Lit, 6 inch 12 ft 2.500 Labors 8.4 dps 1.4 d0 1.4 dps 3.50 3.50 54 Inlet pipe to fot 244 Same as No. 23 Length 12 ft If Pd Lit, 6 inch 12 ft 2.500 Labors 8.4 dps 1.4 d0	52	linet pipe to lot 252			Earth works	1 cu		Labors	2 days	350	350
Same as No. 11 Longh 18 ñ IP dia. 6 inch 18 ñ 3.780					Metal	1 cu	2,600	Labors	2 days	350	350
53 Inlat pipe to for 254 Concrete 1 cu S,001 Mabrids 1 days 2.25 54 Inlet pipe to for 254 Same as No. 23 Length 12 ft If da forch 1 cu Labors 8 days 1.400 1.400 54 Inlet pipe to for 254 Same as No. 23 Length 12 ft If da forch 1 cu Labors 2 days 380 380 54 Inlet pipe to for 244 Same as No. 23 Length 12 ft If da forch 1 cu Labors 2 days 380 380 55 Inlet pipe to for 245 Same as No. 23 Length 12 ft If data 1 cu 2.600 fabors 2 days 380 380 56 Inlet pipe to for 245 Earth works 1 cu Labors 1 days 2.25 Labors 2 days 339 380 56 DioPC12 Lot 252 Earth works 1 cu Labors 1 days 1.230 Labors 1 days 2.260 Labors 1 days 2.250 Labors 1 days 2.260 Labors			Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780	a		0.7.7	
Earth works 1 cs Labors 2 days 3 50 3 50 54 Inlet pipe to for 244 Earth works 1 cs 2,000 Labors 2 days 3 50 3 50 54 Inlet pipe to for 244 Earth works 1 cs 2,000 Saillod 1 days 2 days 3 50 3 50 55 Inlet pipe to for 244 Same as No. 23 Lengh 12 ft HP dia. 6 inch 1 cs 2,000 Labors 2 days 3 50 3 50 55 Inlet pipe to for 245 Same as No. 23 Lengh 12 ft HP dia. 6 inch 1 cs 2,000 Saillod 1 days 2 days 3 50 3 50 55 Inlet pipe to for 245 Earth works 1 cs 2,000 Saillod 2 days 3 50 3 50 56 D10 FC12 Lot 252 Earth works 1 cs 2 days 3 50 3 50 3 50 56 D10 FC12 Lot 252 Rubite meany wall over Hume pipe 1 1 Caf as 8 2 Labors 4 days 2,000 2 days 3 50 3 50 3 50	53	Inlet pipe to lot 254			Concrete	1 cu	8,200	Skilled Labors	1 days 8 days	275	1 400
Image: spin of a construction of a column Mental is a field of a construction of a column Mental is a field of a construction of a column Spin of a column <t< td=""><td>00</td><td>inter pipe to lot 20 i</td><td></td><td></td><td>Earth works</td><td>1 cu</td><td></td><td>Labors</td><td>2 days</td><td>350</td><td>350</td></t<>	00	inter pipe to lot 20 i			Earth works	1 cu		Labors	2 days	350	350
Same as No. 23 Lengh 12 ft He dia. 6 inch 12 ft 2.530					Metal	1 cu	2,600	Labors	2 days	350	350
54 Inlet pipe to 1ot 244 Concrete 1 cu Labors 2 days 350 1,400 1,400 1,400 55 Inlet pipe to 1ot 245 Same as No. 23 Length 12 ft IIP dia. 6 inch 12 ft 2.520 2 2,520 2 350 350 55 Inlet pipe to 1ot 245 Same as No. 23 Length 12 ft IIP dia. 6 inch 12 ft 2.520 Labors 2 days 330 350 56 D10 FC12 Lot 252 Excavate the foundation to correct measurement. Base concrete with 12.36 mix - thickness 2 ^{-th} to 150.2 kt Alg. dia.450mm 300 1.6000 Eabors 2 days 350 2.800			Same as No. 23	Length 12' ft	HP dia. 6 inch	12 ft	2,520				
S4 Inicit pipe to 1ot 244 Latons S ups 1,400 1,400 S4 Inicit pipe to 1ot 244 Inicit pipe to 1ot 245 Inicit pipe to		X 1			Concrete	1 cu	8,200	Skilled	1 days	275	1 400
New Num Low Joint Low Joint Low Joint Joint <thjoint< th=""> <thjoint< th=""> <thjoint<< td=""><td>54</td><td>Inlet pipe to lot 244</td><td></td><td></td><td>Earth works</td><td>1 cu</td><td></td><td>Labors</td><td>2 days</td><td>350</td><td>350</td></thjoint<<></thjoint<></thjoint<>	54	Inlet pipe to lot 244			Earth works	1 cu		Labors	2 days	350	350
Same as No. 23 Length 12 ft HP dia. 6 inch 12 ft 2,520 100 55 Inlet pipe to lot 245 Same as No. 23 Length 12 ft HP dia. 6 inch 12 ft 2,520 55 Inlet pipe to lot 245 Same as No. 23 Length 12 ft HP dia. 6 inch 12 ft 2,520 56 D10 FC12 Lot 252 Construction of a culvert Excavate the foundation to correct measurement, Base concerte with 13 ft Num pipes and construct Hume pipes 1 2 dus 2 dus 550 56 D10 FC12 Lot 252 Construction of a culvert RMbhe masonry wall over three and fix hume pipes and construct No. 8 RRM 1 cu 2,400 Labors 1 dus 770 57 D10 4 to Weherayaya canal Road (D10) Same as No. 5 Length 13 ft, Num Pipes and construct Labors 5 dus 1 dus 1,232,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 123,550 130,350 58 Inlet Pipe Lot 106 Same					Metal	1 cu	2.600	Labors	2 days	350	350
55 Inlet pipe to lot 245 Concrete 1 cu 8.200 Skilled 1 days 275 55 Inlet pipe to lot 245 Earth works 1 cu Labors 8 days 1.400 1.400 56 D10/FC12 Lot 252 Excavate the foundation to correct with 1:37 mix -thickness 4" inchess woble masony wall over there and fix hume pipes and construct the wall Lutvert IP dia. 450mm 30.6 16.200 16.400 2.400 Stators 2 days 350 2.500 56 D10/FC12 Lot 252 and fix hume pipes and construct the wall IP dia. 450mm 30.6 16.200 1.400rs 14 days 2.75 56 D10/FC12 Lot 252 and fix hume pipes and construct the wall IRN wall 1 cu 2.4001 Adors 2 days 330 330 57 D10/4 to Weberayaya canal Road (D10) Same as No. 5 Length 3km, W Earth works 4 True 2.4001 Abors 10.99 days 123.550 123.550 58 Inlet Pipe Lot 106 Same as No. 11 Length 18 ft 14P dia. 6 finch 18 ft 3.2001 Skilled			Same as No. 23	Length 12' ft	HP dia. 6 inch	12 ft	2,520		aujo		
55 Inlet pipe to lot 245 Converte 1 cal Converte 2 cal Converte					Concrete	1 cu	8 200	Skilled	1 dave	275	
Interpret to both Labors 2 days 3 days 1.400 1.400 Earth works 1 cu Labors 2 days 3 days	55	Inlet pipe to lot 245			Concrete	i cu	8,200	J I	1 days	1 400	
Earth works 1 cu 2.dobs 2 dops 3:00 3:00 Metal 1 cu 2.600 Labors 2 dops 3:00 3:00 56 D10/FC12 Lot 252, Construction of a culver Excavate the foundation to correct the wall HP dia, 430mm 30 ft 16,400 Skilled 2 dops 550 56 D10/FC12 Lot 252, Construction of a culver Robbit missorry wall over three the wall 12/dia x 8 x 2 Labors 4 dops 700 700 75 D10/FC12 Lot 252, Construction of a culver Sime as No. 5 Length Nam, W RRM 1 cu 2.600 Labors 2 dops 350 350 57 D10/4 to Webensyuya conal Road (D10) Same as No. 5 Length 18'ft HP dia. 6 inch 18 ft 3.780 2.0500 Labors 706 days 123,550	00	inter pipe to lot 2 lo						Labors	8 days	1,400	1,400
Image: construction of a culvert Excavate the foundation to correct measurement, Base concrete with the wall with the prise is to construct of a fix hume prise is to construct the wall Note is the fix to construct with the prise is to construct the wall Note is the prise is to construct the wall Note is to co					Earth works	l cu	2 (00	Labors	2 days	350	350
56 D10FC12 Lot 252 Construction of a culvert measurement, Base concrete with 13.3 mix, mickness 4" inches and fix hume pipes and construct the wall Hume pipes 1 12 dia x 8 x 2 Concrete 2 cu Labors 16,400 Skilled 2 days 550 2,800 56 D10FC12 Lot 252 Construction of a culvert and fix hume pipes and construct the wall RRM 1 cu 2,600 Labors 2 days 350 350 57 D104 to Weherayaya canal Road (D10) Same as No. 5 Length 3 km, W 10 ft Earth works 4 rul 2,28,000 Labors 10 days 12,25 123,550 58 Inlet Pipe Lot 106 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 2 days 350 350 59 Inlet Pipe Lot 106 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 2 days 350 350 59 Inlet Pipe Lot 106 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 2 days 350 350 60 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft			Excavate the foundation to correct	Culvert	HP dia 450mm	1 cu 30 ft	2,600	Labors	2 days	550	550
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			measurement, Base concrete with	Hume pipes 1	Concrete	2 cu	16,400	Skilled	2 days	550	
56 D10/FC12 Lot 252 Construction of a culvert Rubble masonry wall over there and fix hume pipes and construct the wall No.6. Earth works 2 cu Metal Labors 4 days 700 700 57 D10/4 to Weherayaya canal Road (D10) Same as No. 5 Length 3 km, W canal Road (D10) RRM 1 cu Metal 1 cu 238,500 2 days 350 350 57 D10/4 to Weherayaya canal Road (D10) Same as No. 5 Length 3 km, W I of fix Earth works 5 cu 4 detal 1 cu 238,500 Labors 10 days 185,325 185,325 123,550 58 Inlet Pipe Lot 106 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 -			1:3:6 mix - thickness 4" inches	1/2' dia x 8 x 2				Labors	16 days	2,800	2,800
35 Construction of a culvert and is name pipe and construct Metal 1 cu 2,000 [Labors 2 days 350 350 6 Construction of a culvert he wall RRN wall RRN wall 1 cu 3,200 Skilled 1 days 275 7 D10/4 to Weherayaya Same as No. 5 Length 3 km, W Earth works 477 cu 238,500 [Labors 1059 days 185,325 185,325 7 D10/4 to Weherayaya Same as No. 5 Length 3 km, W Earth works 477 cu 238,500 [Labors 1059 days 123,550 123,550 58 Inlet Pipe Lot 106 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 2 days 330 350 59 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 2 days 350 350 59 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 2 days 350 350 60 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft <td>50</td> <td>D10/FC12 Lot 252</td> <td>Rubble masonry wall over there</td> <td>Nos.</td> <td>Earth works</td> <td>2 cu</td> <td>2 (00</td> <td>Labors</td> <td>4 days</td> <td>700</td> <td>700</td>	50	D10/FC12 Lot 252	Rubble masonry wall over there	Nos.	Earth works	2 cu	2 (00	Labors	4 days	700	700
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	50	Construction of a culvert	the wall	RRN wall	RRM	1 cu	2,600	Labors	2 days	350	350
Earth works 5 cu Metal Labors 11 days 1,925 1,925 330 350 57 D10/4 to Weherayaya canal Road (D10) Same as No. 5 Length 3 km, W Earth works 47 cu 2.8600 Labors 1059 days 185,325 123,550 58 I/f ft HP dia. 6 inch 18 ft 318 cu 636,000 Labors 706 days 123,550 123,550 58 Inlet Pipe Lot 106 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Labors 8 days 1,400 1,400 60 Metal 1 cu 8,200 Skilled 1 days 2,75 59 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Corcrete 1 cu 8,200 Skilled 1 days 2,43y 350 350 59 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Labors 2 days 350 350 350 60				L 9 m, H 2 ft	iuuvi	i eu	5,200	Labors	5 days	875	875
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$					Earth works	5 cu		Labors	11 days	1,925	1,925
57 canal Road (D10) Same as No. 5 Length 3 km, W 10° ft Earth works Gravel 47/ cu 318 cu Gravel 235,000 Labors 636,000 Labors 1059 days 706 days 185,325 123,550 58 Inlet Pipe Lot 106 Same as No. 11 Length 18° ft HP dia. 6 inch Concrete 18 ft 3,780 123,550 123,550 58 Inlet Pipe Lot 106 Same as No. 11 Length 18° ft HP dia. 6 inch Metal 1 cu Labors 2 days 350 350 59 Inlet Pipe Lot 107 Same as No. 11 Length 18° ft HP dia. 6 inch HP dia. 6 inch 18 ft 3,780 Labors 2 days 350 59 Inlet Pipe Lot 107 Same as No. 11 Length 18° ft HP dia. 6 inch 18 ft 3,780 Labors 2 days 350 60 Inlet Pipe Lot 107 Same as No. 11 Length 18° ft HP dia. 6 inch 18 ft 3,780 Labors 2 days 350 350 60 Inlet Pipe Lot 108 Same as No. 11 Length 18° ft HP dia. 6 inch 18 ft 3,780 Labors 8 days 1,400 1,400 <td></td> <td></td> <td></td> <td></td> <td>Metal</td> <td>1 cu</td> <td>2,600</td> <td>Labors</td> <td>2 days</td> <td>350</td> <td>350</td>					Metal	1 cu	2,600	Labors	2 days	350	350
S canal Road (D10) IO R Glaver Slover Glover Glov	57	D10/4 to Weherayaya	Same as No. 5	Length 3 km, W	Earth works	477 cu 318 cu	238,500	Labors	1059 days	185,325	185,325
58 Inlet Pipe Lot 106 Same as No. 11 Length 18' ft HP dia. 6 inch Concrete 18 ft Low 3,780 8,200 Skilled 1 days 275 Labors 8 days 1,400	57	canal Road (D10)		10 11	Glaver	510 cu	050,000	Labors	700 days	125,550	125,550
58 Inlet Pipe Lot 106 Concrete 1 cu 8,200 Skilled 1 days 275 Labors 8 days 1,400 58 Inlet Pipe Lot 106 Earth works 1 cu Labors 2 days 350 350 59 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3.780 -			Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780				
58 Inlet Pipe Lot 106 Earth works 1 cu Labors 8 days 1,400 1,400 60 Metal 1 cu 2,600 Labors 2 days 350 350 59 Inlet Pipe Lot 107 Earth works 1 cu 8,200 Skilled 1 days 275 59 Inlet Pipe Lot 107 Earth works 1 cu 8,200 Skilled 1 days 275 60 Inlet Pipe Lot 107 Earth works 1 cu 2,600 Labors 2 days 350 350 60 Inlet Pipe Lot 108 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Earth works 1 cu 2,600 Labors 2 days 350 350 60 Inlet Pipe Lot 108 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Earth works 1 cu 8,200 Skilled 1 days 275 60 Inlet Pipe Lot 108 Earth works 1 cu 8,200 Skilled 1 days 275 60 Inlet Pipe Lot 108 Earth works 1 cu 2,600					Concrete	1 cu	8,200	Skilled	1 days	275	
Metal 1 cu 2 days 2 days 3.50 3.50 59 Inlet Pipe Lot 107 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Concrete 1 cu 8,200 Skilled 1 days 2,75 59 Inlet Pipe Lot 107 Earth works 1 cu 8,200 Skilled 1 days 2,75 60 Inlet Pipe Lot 108 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Concrete 1 cu 2,600 Labors 2 days 350 350 60 Inlet Pipe Lot 108 Same as No. 11 Length 18' ft HP dia. 6 inch 18 ft 3,780 Concrete 1 cu 8,200 Skilled 1 days 2,75 60 Inlet Pipe Lot 108 Earth works 1 cu 8,200 Skilled 1 days 2,75 60 Inlet Pipe Lot 108 Earth works 1 cu 8,200 Skilled 1 days 2,75 61 of D10/4 from drain canal entry to railway tract Same as No. 5 <	58	Inlet Pipe Lot 106			Forth works	1 си		Labors Labors	8 days 2 days	1,400	1,400
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$					Metal	1 cu	2,600	Labors	2 days 2 days	350	350
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780		ź		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					Concrete	1 cu	8,200	Skilled	1 days	275	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	59	Inlet Pipe Lot 107			Forth months	1		Labors	8 days	1,400	1,400
60Inlet Pipe Lot 108Same as No. 11Length 18' ftHP dia. 6 inch Concrete18 ft L cu3,780 R 2,00Skilled1 days Labors275 Labors60Inlet Pipe Lot 108Inlet Pipe Lot 108Length 18' ftHP dia. 6 inch Concrete1 cu8,200Skilled1 days Labors275 Labors1,40061Side wall of the left side of D10/4 from drain canal entry to railway tractSame as No. 9Length about 50mEarth works Turfing213 cu Turfing116,500Labors517 Labors4ays 1,75090,475 1,75062Road from Lot 98 to Lot 108Same as No. 5Length 700mEarth works Gravel111 cu55,500 74 cuLabors246 148,000 144 days43,05043,05062Road from Lot 98 to Lot 108Same as No. 5Length 700mEarth works Gravel111 cu55,500 74 cu148,000 149,000 144,0000 144,0000 144,0000 1719 9491,354,0501,340,300					Metal	1 cu 1 cu	2,600	Labors	2 days 2 days	350	350
60 Inlet Pipe Lot 108 Concrete 1 cu 8,200 Skilled 1 days 275 60 Inlet Pipe Lot 108 Earth works 1 cu Labors 2 days 1,400 1,400 Earth works 1 cu 2,600 Labors 2 days 350 350 61 Side wall of the left side of D10/4 from drain canal entry to railway tract Same as No. 9 Length about 50m Earth works 233 cu Turfing 116,500 Labors 517 days 90,475 90,475 1,750 1,			Same as No. 11	Length 18' ft	HP dia. 6 inch	18 ft	3,780				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					Concrete	1 cu	8,200	Skilled	1 days	275	
Earth works1 cuLabors2 days350350Metal1 cu2,600Labors2 days350350Side wall of the left side of D10/4 from drain canal entry to railway tractSame as No. 9Length about 50mEarth works233 cu116,500Labors517days90,47590,47561 of D10/4 from drain canal entry to railway tractSame as No. 5Length 700mEarth works111 cu55,500Labors246days43,05043,05062 108Road from Lot 98 to Lot 108Same as No. 5Length 700mEarth works111 cu55,500Labors164days28,70028,700Sub-total5525,8991,354,0501,340,3001,340,3001,340,3001,340,300	60	Inlet Pipe Lot 108						Labors	8 days	1,400	1,400
Metal1 cu2,600Labors2 days350350Side wall of the left side of D10/4 from drain canal entry to railway tractSame as No. 9Length about 50mEarth works233 cu116,500Labors517days90,47590,47561 of D10/4 from drain canal entry to railway tractSame as No. 9Length 700mEarth works11 sq116,500Labors517days1,75062 108Road from Lot 98 to Lot 108Same as No. 5Length 700mEarth works111 cu Gravel55,500Labors246days43,05043,05050b-total50b-total5825,899148,000Labors164days28,70028,70050b-total57,825,8991,354,0501,340,30067 and-total7179,9407179,9407179,940148,000					Earth works	1 cu		Labors	² davs	350	350
Side wall of the left side of D10/4 from drain canal entry to railway tract Same as No. 9 Length about 50m Earth works 233 cu 116,500 116,500 Labors 517 days 90,475 90,475 61 of D10/4 from drain canal entry to railway tract 50m Turfing 15 sq 116,500 Labors 517 days 90,475 90,475 90,475 62 Road from Lot 98 to Lot 108 Same as No. 5 Length 700m Earth works 111 cu Gravel 55,500 Labors 246 days 43,050 43,050 Sub-total 5 5,825,899 1,354,050 1,340,300 Grand-total 7179 940 7179 940 1					Metal	1 cu	2 600	Labors	2 dave	350	350
Side wan or the left side of D10/4 from drain canal entry to railway tract Turfing 15 sq Turfing 10 days 1,750 61 of D10/4 from drain canal entry to railway tract 50m Turfing 15 sq Labors 10 days 1,750 62 108 Road from Lot 98 to Lot 108 Same as No. 5 Length 700m Earth works 111 cu Gravel 55,500 Labors 246 days 43,050 43,050 Sub-total 5x825,899 1,354,050 1,340,300 Grand-total 7179 949 7179 949 1		014	Same as No. 9	Length about	Earth works	233 cu	116.500	Labors	517 davs	90.475	90.475
entry to railway tract Earth works 111 cu Gravel 55,500 74 cu Labors 246 days 43,050 43,050 24,050 28,700	61	of D10/4 from drain canal		50m	Turfing	15 sq		Labors	10 days	1,750	1,750
62 Road from Lot 98 to Lot 108 Same as No. 5 Length 700m Earth works Gravel 111 cu 74 cu 55,500 Labors 246 days 43,050 43,050 28,700	51	entry to railway tract									
02 108 Gravel 74 cu 148,000 Labors 164 days 28,700 28,700 Sub-total 5,825,899 1,354,050 1,340,300 Grand-total 7 179 949 7 79 949	60	Road from Lot 98 to Lot	Same as No. 5	Length 700m	Earth works	111 cu	55,500	Labors	246 days	43,050	43,050
Sub-total 5,825,899 1,354,050 1,340,300 Grand-total 7 179 949 7 <	62	108		-	Gravel	74 cu	148,000	Labors	164 days	28,700	28,700
		Sub-total Grand-total					5,825,899 7,179.949			1,354,050	1,340,300

Palukadawela Scheme Proposed by Farmers' OrganizationName of Scheme: PalukadawelaName of FO, etc.: Tract 3

				Mater	ials/Others		Labo	our required for	the work	Farmers' participation
No.	Place to be repaired	Existing Condition / How to repair	Description	Requireme	ent	Expected Cost (Rs.)	Rec	uirement	Expected Cost (Rs.)	Expected Cost (Rs.)
1	Main canal Wall from Monnanklama culvert to	Construction of the wall		Inclu	ded in rehab	ilitation plan	of Irrigati	on Department	of Main canal	
		Construction of sluices	4 nos. of	Concrete	10 cu	82,000	Skilled	10 days	2,750	
			turnout				Labors	78 days	13,650	13,650
2	FC 1,2,3,4			Earth works	25 cu		Labors	56 days	9,800	9,800
				Slide gate dia. 300	5 nos	57,500				
				HP dia.12"	100 ft	35,000				
		Rehabilitation of washed out section	H 2ft L 100 m	RRM	15 cu	48,000	Skilled	11 days	3,025	
			L 100 III				Labors	75 days	13,125	13,125
				Earth works	50 cu	7 000	Labors	111 days	19,425	19,425
3	D1	Construction of a line of stons		Metal	3 cu	7,800	Labors	/ days	1,225	1,225
		Construction of a line of steps		Concrete	1 cu	8,200	Skilled Labors	1 days	275	1 400
				Forth works	1 au		Labors	2 days	350	1,400
				Earui works	1 cu	2 600	Labors	2 days	350	350
		Construction of side walls in washed out	H 2ft	PPM	15 cu	48,000	Skilled	2 uays	3 025	550
		sections	L 100 m	KKW	15 cu	48,000	Labors	75 dave	13 125	13 125
4	D1			Farth works	50 cu		Labors	111 days	19,125	19 425
				Metal	3 cu	7 800	Labors	7 days	1.225	1.225
-	D1	Demarcate reservations of canals and		Earth works	100 cu	7,000	Labors	222 days	38,850	38,850
5	DI	construction of canal roads								
		Constriction of side walls on dilapidated	H 5 ft	RRM	34 cu	108,800	Skilled	26 days	7,150	
		bund sections	L 100 m				Labors	170 days	29,750	29,750
				Earth works	100 cu	50,000	Labors	222 days	38,850	38,850
6	Walibiddawa Tank			Metal	3 cu	7,800	Labors	7 days	1,225	1,225
0	wenniddewa Talik	2 bathing steps		Concrete	10 cu	82,000	Skilled	10 days	2,750	
							Labors	78 days	13,650	13,650
				Earth works	30 cu		Labors	67 days	11,725	11,725
				Metal	2 cu	5,200	Labors	4 days	700	700
		Construction of side walls	H 2ft	RRM	15 cu	48,000	Skilled	11 days	3,025	
7	D2		L 100 m				Labors	75 days	13,125	13,125
				Earth works	50 cu		Labors	111 days	19,425	19,425
				Metal	3 cu	7,800	Labors	7 days	1,225	1,225
8	D2	Demarcate reservation of canals and		Earth works	100 cu		Labors	222 days	38,850	38,850
			T é			1.4.400				
		Fixing the door	1 urnout	Concrete	2 cu	16,400	Skilled	2 days	550	0.000
0	D			E d J	~		Labors	10 days	2,800	2,800
9	D2			Earth works	5 cu	11 500	Labors	11 days	1,925	1,925
				Slide gate dia. 300	1 nos	11,500				
		Since the culvert is in had shape (front at		HP dia 600mm	20 ft	/,000				
		D2) construct a new culvert to Janapala		Concrete	2 m	21,000	Skilled	2 dare	550	
10	D2	(colony) road		Concrete	∠ cu	10,400	Labors	∠ uays	2 800	2 800
10	152			Farth works	10 au		Labors	22 days	2,000	2,000
				Matal	10 cu	2 600	Labors	$2 \pm ays$	3,650	3,830
	Sub-total			1410101	ı cu	681 400	200015	~ uays	335 300	312 200
	Grand-total					1 016 700			555,500	512,200
	Siana-waa	1	1	1		1,010,700			1	1



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Rehabilitation and Improvement Plan of Irrigation Infrastructure by Yaya - 4 DC Farmers' Organisation (1/2)



 Palukadawela Scheme Proposed by Farmers' Organization

 Name of Scheme
 : Palukadawela

 Name of FO, etc.
 : Tract 4

Inal	ne of FO, etc.	. 11act 4								
				Materials/O	Others	Labo	ur requ	ired fo	r the work	Farmers' participation
No.	Place to be repaired	Existing Condition / How to repair	Description	Requirement	Expected Cost (Rs.)	Req	uireme	nt	Expected Cost (Rs.)	Expected Cost (Rs.)
1	Ref no. 3 Side wall of the small bund on Morrankulama rd. culvert	Side wall and earth filling	Concrete and rubble masonry wall 25' ft long foundation 1 1/2' ft deep Height 3' ft	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
2	Ref no. 4 Main canal FC1	Fixing a door (turnout)	Material required to provide 1 6" inch door	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
3	Ref no. 5 Keenyagan bund and Mannankulama paddy fields	Repair the small bund with earth filling	Length 30 'ft width 6' ft	Included in rehabilitation plan of Irrigation Department of Main canal						
4	Ref no. 6,7,8	Connected with No. 2 - 3 nos	Material required to provide 1 6" inch door	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
5	Ref no. 9 D1 canal end	Drainage cause way and construction of ditch with steps Concrete ditch Steps	Length 20' ft width 18' ft 10' ft long 1' ft wide	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
6	Ref no. 11 to 14 Welihiddewa bund	Construction of rip-rap on	Length about 150' ft	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
7	Ref no. 12 to 13 near low level sluice and in front of Mila tree	Construction of 2 bathing steps in Welihiddewa Tank	Length 10' ft, width 1 1/2" ft, height 8' inches, 7 steps Length & width of slope, 15' ft & 12' ft	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
16	Ref. No. 16 D2 canal	Constriction of a side wall and filling earth	Length 30' ft foundation 1 1/2' ft middle 15" inches and top 1' ft	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
17	Ref. No. 17 Small bridge in front of Pahala Palukandewa Tank on Dewata Rd. (small)	Bridge	8' ft long 5' ft wide height 6' ft foundation 2' ft	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
18	Ref. No. 18 Drain pipe of Palukandewa Tank	Should repair since one hume pipe is cracked	Concreting the surface 7' ft long 5" inch wide 2" thick	Included in	rehabilitation p	olan of Irr	rigation	Depar	tment of Main	canal
	Sub-total Grand-total				0				0	0



The Study for the Potential Realization of Irrigated Agriculture in the Dry and Intermediate Zones of Sri Lanka	Rehabilitation and I by Yava -
Japan International Cooperation Agency (JICA)	

Improvement Plan of Irrigation Infrastructure - 5 DC Farmers' Organisation (1/2)



in the Dry and Intermediate Zones of Sri Lanka Japan International Cooperation Agency (JICA)

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by	Yaya	- 5	D

ovement Plan of Irrigation Infrastructure C Farmers' Organisation (2/2)

Palukadawela Scheme Proposed by Farmers' Organization (1/2)Name of Scheme: Palukadawela

Name of FO, etc. : Tract 5

No.	Place to be	Existing Condition / How to repair	Description	Materials/Others		ers	Labou	required for	r the work	Farmers' participation
	repaired		r r	Requirer	nent	Expected Cost (Rs.)	Requi	rement	Expected Cost (Rs.)	Expected Cost (Rs.)
1	Near 8 1/4' - 8 1/2'	Extension of stepped basin	L 10' ft, W 6' ft, H 4' ft	Inc	cluded in re	habilitation plan	of Irrigatio	n Departmen	t of Main cana	l
2	Below the above	Construction of a side wall and earth	L 30' ft, W 5' ft, H 1' ft,	Inc	luded in re	habilitation plan	of Irrigatio	n Departmen	t of Main cana	1
3	Near 8 3/4 post	Repairing the drain pipe, closing the	L 8' ft, W 1 1/2' ft	Inc	cluded in re	habilitation plan	of Irrigatio	n Departmen	t of Main cana	l
4	Near 8 3/4 post	Repair right side bund	L 100' ft top width 6' ft	Inc	cluded in re	habilitation plan	of Irrigatio	n Departmen	t of Main cana	1
5A	Rambotukulama	Construction of bathing step with 7	L 9' ft, W 10' ft, x 7	Inc	cluded in re	habilitation plan	of Irrigatio	n Departmen	t of Main cana	
5B	Rambotukulama	Construction of bathing step with 7	- do -	Included in rehabilitation plan of Irrigation Department of Main canal						
		Provide a simple sluice door to issue	Width 5 1/2' ft	Concrete	2 cu	16,400	Skilled	2 days	550	
	Dearbetelester	water to main canal	height 6' ft	F 4 1			Labors	16 days	2,713	2,713
6	Kambotukulama			Earth works Metal	2 cu 1 nos	11 500	Labors	4 days	777	111
				HP dia.	40 ft	28,000				
				Slide gate dia.	1 nos	40,000				
	D1 canal batwoon	Construction of a side wall	L 150' ft, H 4' ft	RRM	13 cu	41,600	Skilled	10 days	2,750	11 275
7	200m point			Farth works	23 cu		Labors Labors	65 days 51 days	8 925	8 925
	P			Metal	1 cu	2,600	Labors	2 days	350	350
	Construction of a	About 20' ft long	L 20' ft, W 1' ft, H 3' ft	RRM	1 cu	3,200	Skilled	1 days	275	
8	side wall near No.			Easth marks	2		Labors	5 days 7 days	875	875
	paddy land			Metal	3 cu 1 cu	2.600	Labors	2 days	1,223	350
		Construction of basin and repairs to	L 12' ft, W 1' ft, H 3' ft	Concrete	1 cu	8,200	Skilled	1 days	275	
0		pipe line					Labors	8 days	1,400	1,400
9	FC 1/1 canal			Earth works	2 cu	2 600	Labors Labors	4 days 2 days	700	700
				HP dia.6"	10 ft	2,000	Labors	2 days	550	550
		Construction of side wall and a bridge	L 10' ft, W 1' ft, H 3' ft	RRM	1 cu	3,200	Skilled	1 days	275	
	D canal near No. 2		2' ft concrete slab	Easth marks	2		Labors	5 days	875	875
10	homestead			Metal	2 cu 1 cu	2.600	Labors	4 days 2 days	350	350
	(upland)			2' ft concrete	2 cu	16,400		,-		
		<u> </u>		Reinforced bar	280 kg	16,800	a			
		Construction of a side wall	1 30' ft, W 1' ft, H 3' ft	RRM	8 cu	25,600	Skilled Labors	6 days 40 days	1,650	7 000
11	Bear FC2 canal			Earth works	20 cu		Labors	44 days	7,700	7,700
				Metal	2 cu	5,200	Labors	4 days	700	700
12	Below FC2 canal	Rehabilitation of both sides of D1 canal	Length 300' ft	Earth works	31 cu	7,750	Labors	69 days	12,075	12,075
	Near	Repairs to drainage pipe	Length 0 It	Concrete	2 cu	4,200	Skilled	2 days	550	
13	Dumbuluwewa						Labors	16 days	2,800	2,800
	Pond			Earth works	2 cu	2 (00	Labors	4 days	700	700
		Construction of a side wall with steps	L 50' ft. W 1' ft. 3' ft	RRM	3 cu	2,600	Skilled	2 days 2 days	550	
14	Near No. 7 Homestead	and a structure	,,			.,	Labors	15 days	2,625	2,625
14	(upland)			Earth works	8 cu		Labors	18 days	3,150	3,150
		Side wall for both sides	L 200'ft W 1'ft H 3'ft	Metal RRM	1 cu	2,600	Labors	2 days	2 750	350
15	1000m Inside D	Side wan for boar sides	E 200 II, W I II, II 5 II	Kitti	15 cu	41,000	Labors	65 days	11,375	11,375
15	canal			Earth works	30 cu		Labors	67 days	11,725	11,725
		Construction of a subsect assess D1	I OLG WICH II ALG	Metal	2 cu	5,200	Labors	4 days	700	700
	Foot path between	canal	L 8 II, W 0 II, H 4 II	Concrete	2 cu	16,400	Skilled	2 davs	550	
16	No. 9 & 10 upland					.,	Labors	16 days	2,800	2,800
	lots			Earth works	2 cu	0 (00)	Labors	4 days	700	700
		Construction of a drain nine laving a	L 24' ft. W 1' ft H 3' ft	HP dia	24 ft	2,600	Labors	2 days	350	350
		pipe line to send out rain water	L 6' ft x 4 Nos. hume	Concrete	2 cu	16,400	Skilled	2 days	550	
17	Near 1000m		pipes		_		Labors	16 days	2,800	2,800
				Earth works Metal	2 cu	2 600	Labors	4 days 2 days	700	700
18	D1 canal above	Construction of bund with earth filling	L 75' ft, W 8' ft, H 2' ft	Earth works	8 cu	2,000	Labors	18 days	3,150	3,150
		Č.						•		

No.	Place to be	Existing Condition / How to repair	Description	1	Materials/O	Others	Labo	our required	d for	the work	Farmers' participation
	repaired	r g t t t t t t t t t t t t t t t t t t		Requi	rement	Expected Cost (Rs.)	Re	quirement		Expected Cost (Rs.)	Expected Cost (Rs.)
19	FC6 between No.	Construction of a structure to drain water	L 6' ft, W 8" inches H 4' ft	Concrete	1 cu	8,200	Skilled Labors	1 d 8 d	lays lays	275 1,400	1,400
17	paddy field			Earth Metal	2 cu 1 cu	2,600	Labors Labors	4 d 2 d	lays lays	700 350	700 350
	Between FC6 - 47	Rehabilitate canal bund with earth	L 300' ft, W 6' ft, H 3' ft	Earth Concrete	40 cu	20,000	Labors	89 d	lays	15,575	15,575
20	& 50	100' ft			12 Cu	20,400	Labors	93 d	lays	16,275	16,275
		Construction of drain step 5' ft below		Metal Concrete	13 cu 1 cu	33,800 8,200	Labors Skilled	<u> </u>	lays lays	<u>5,075</u> 275	5,075
21	FC6 Drain step	the present area		Earth	2 cu		Labors Labors	8 d 4 d	lays lays	1,400 700	1,400 700
		Drain nina to drain rain water	I 24' ft wall on both sides	Metal	1 cu	2,600	Labors	2 d	lays	350	350
	FC 2/5 canal	Drain pipe to drain rain water	W 2'ft H 3' ft	Concrete	24 ft 2 cu	16,400	Skilled	2 d	lays	550	
22	below lot No. 290 (paddy)			Earth	2 cu		Labors Labors	16 d 4 d	lays lays	2,800 700	2,800 700
		Stepped trench to prevent rain water	L 15' ft W 1' ft - slope of 3	Metal	1 cu	2,600	Labors	2 d	lays	350	350
23	Culvert below 9 1/4 post (main canal)	coming in	steps to canal lengthing the basin of culvert by 2 feet]	Included in	rehabilitation j	plan of Irr	igation Dep	ent of Main ca	anal	
24	Both sides near 0 1/2 post (main	Laying a pipe line deeping the canal	L 126' ft - 21 hume pipes	1	Included in	rehabilitation j	plan of Irr	igation Dep	partm	ent of Main ca	anal
	Beginning of canal	Stepped trench to prevent rain water	L 15' ft, W 1' ft - slope of 3	Concrete	1 cu	8,200	Skilled Labors	1 d 8 d	lays lays	275 1 400	1 400
25	B2	now - lengthening the basin by 2 it	steps to canar	Earth	2 cu		Labors	4 d	lays	700	700
26	D2 - FC1 Paddy	Rehabilitate bund by earth filling	L 100' ft, W 3' ft	Metal Earth	1 cu 10 cu	2,600	Labors Labors	2 d 22 d	lays lays	350 3,850	350
	FC 1/1 canal	Lowering the step	L 1 1/2' ft W 6" inches about 9 inches	Concrete	1 cu	8,200	Skilled Labors	1 d 8 d	lays lays	275 1 400	1 400
27	second drain			Earth	2 cu	2 (00	Labors	4 d	lays	700	700
	Foot path between	Construction of a culvert with basin	L 8' ft, W 6' ft, H 4' ft, Basin	HP dia.	8 ft	5,600	Labors	2 0	lays	550	550
28	No. 71 and 72		length 4' ft H 2' ft	Concrete	2 cu	16,400	Skilled Labors	2 d 16 d	lays lays	550 2,800	2,800
	canal			Earth Metal	2 cu	2 600	Labors	4 d	lays	700	700 350
	H I I I CO 70	Construction of a culvert with basin	L 8' ft, W 6' ft, H 4' ft, Basin	HP dia.	8 ft	5,600	Labors	2.0	iays		
29	of B2 canal - Foot		length 4' ft H 2' ft	Concrete	2 cu	16,400	Skilled Labors	2 d 16 d	lays lays	550 2,800	2,800
	path			Earth Metal	2 cu 1 cu	2 600	Labors Labors	4 d 2 d	lays lays	700 350	700 350
		Construction of a drain pipe for rain	L 24 ft - 1' ft dia pipes	HP dia.	24 ft	16,800	CLUDOIS			550	550
30	In the sama place	water	side walls L 2' ft -W 9" inches H 3' ft	Concrete	2 cu	16,400	Skilled Labors	2 d 16 d	lays lays	550 2,800	2,800
	(29)			Earth Metal	2 cu 1 cu	2 600	Labors Labors	4 d 2 d	lays lays	700 350	700 350
31	D2 canal FC 1/2	Rehabilitation of canal bund with	L 500' ft W 12' ft road side	Earth	52 cu	13,000	Labors	115 d	lays	20,125	20,125
32	Between FC 16 and FC 17	Augmenting the existing bund and	L 160 ft, W 8' ft, H 1 1/2'	Earth	17 cu	4,250	Labors	38 d	lays	6,650	6,650
		Provide inlet pipes	L 12' ft, W 2' ft, H 3 1/2' ft	HP dia.	24 ft	5,040					
33 and	FC 16 canal Paddy		(2 pipes)	Concrete	2 cu	16,400	Skilled Labors	2 d 16 d	lays lays	550 2,800	2,800
35	The properties of the propert			Earth	2 cu 2 cu	5 200	Labors	4 d	lays	700 700	700 700
		Lowering the step of the drain point	L 15" inches, W 6" inches,	Concrete	1 cu	8,200	Skilled	1 d	lays	275	/00
34	FC 3/16 canal		H 3" inches	Earth	2 cu		Labors Labors	8 d 4 d	iays lays	1,400 700	1,400 700
		Construction of a concrete wall in	L 10'ft W 1'ft H 4'ft	Metal Concrete	1 cu	2,600	Labors Skilled	2 d	lays	350	350
36	FC16 canal	front of 7 th drain step	2 10 m, m 1 m, m + m		∠ cu	10,400	Labors	16 d	lays	2,800	2,800
				Earth Metal	6 cu <u>1 c</u> u	2,600	Labors Labors	13 d	iays lays	2,275	2,275
		Repair the broken pipe line and construction of a basin at end of canal	L 24' ft (pipes) Basin L 20' ft H 3' ft	HP dia. Concrete	24 ft 2 cu	5,040 16 400	Skilled	2 d	lavs	550	
37	Fc16 canal (Hole)	construction of a busin at end of callar	2 10 11 12 20 11, 11 2 11		2 00	10,100	Labors	16 d	lays	2,800	2,800
				Earth Metal	2 cu 2 cu	5,200	Labors Labors	4 d 4 d	iays lays	700	700

Palukadawela Scheme Proposed by Farmers' Organization (2/2)

Name of Scheme : Palukadawela Name of FO, etc. : Tract 5

1 vai		. 11401.5		Materials/Others			Labo	or the work	Farmers'	
No.	Place to be	Existing Condition / How to repair	Description			Expected Cost			Expected	Expected
	repaired	C III	· ·	Requirer	nent	(Rs.)	Rec	luirement	Cost (Rs.)	Cost (Rs.)
		Construction of a causeway laying hume	L 126' ft, W 10' ft, H 3' ft	HP dia.	6 ft	4,200				
		pipes for road	Hume pipes L 6' ft 2' ft	Concrete	2 cu	16,400	Skilled	2 days	550	
		· ·	dia. x 2 nos.				Labors	16 days	2,800	2,800
	EC16 const (como			Earth works	2 cu		Labors	4 days	700	700
38	as above place)			Metal	1 cu	2,600	Labors	2 days	350	350
	as above place)		Side wall H 4' ft , W 1' ft	RRM	11 cu	35,200	Skilled	8 days	2,200	
			L 126 ft				Labors	55 days	9,625	9,625
				Earth works	19 cu		Labors	42 days	7,350	7,350
				Metal	2 cu	5,200	Labors	4 days	700	700
		Construction of an inlet pipe to lot no.	L 3' ft, W 9" inch, H 2	HP dia. 6 inch	3 ft	630				
20	FC 1/17 1	53 and a level step	1/2' ft both sides	Concrete	l cu	8,200	Skilled	1 days	275	1 400
39	FC 1/1 / canal						Labors	8 days	1,400	1,400
				Earth works	1 cu	2 (00	Labors	2 days	350	350
		Construction of a subvert	I O' & W C' & II A' &	Metal	l cu	2,600	Labors	2 days	350	350
		Construction of a curvent	Loll, WOLL, H4 LL	FIP ula.	8 H 2 au	3,000	Skilled	2 days	550	
40	Clear to FC16		fragment and the second	Concrete	2 Cu	10,400	Labore	2 days	2 800	2 800
40	canal		11	Farth works	2 cu		Labors	10 days	2,800	2,800
				Metal	2 cu	2 600	Labors	2 days	350	350
41	FC16 from 2nd	Reduce the depth of canal and augment	L 400' ft W 10' ft	Earth works	41 cu	10 250	Labors	91 days	15 925	15 925
	r ero nom 2nd	Rehabilitation of all canal roads	D1 canal :	Earth works	588 cu	294.000	Labors	1305 days	228.375	228.375
			L 6739'ft. W 18' ft	Gravel	392 cu	784.000	Labors	870 days	152.250	152,250
			D1 FC all field canals :	Earth works	465 cu	232,500	Labors	1032 days	180,600	180,600
40	D1 & D2 all field		L 7995' ft, W 12' ft	Gravel	310 cu	620,000	Labors	688 days	120,400	120,400
42	canals		D2 canal :	Earth works	716 cu	358,000	Labors	1590 days	278,250	278,250
			L 8203' ft, W 18' ft	Gravel	477 cu	954,000	Labors	1059 days	185,325	185,325
			D2 FC all field canals :	Earth works	494 cu	247,000	Labors	1097 days	191,975	191,975
			L 8500' ft, W 12' ft	Gravel	330 cu	660,000	Labors	733 days	128,275	128,275
		Leveling the pipe line, Re- adjust the	Length 18' ft	HP dia. 6 inch	18 ft	3,780				
		pipes		Concrete	1 cu	8,200	Skilled	1 days	275	
43	FC 3/16 canal						Labors	8 days	1,400	1,400
				Earth works	1 cu		Labors	2 days	350	350
				Metal	1 cu	2,600	Labors	2 days	350	350
		Lowering the upper step of first water	Length 15" inches, W 4"	Concrete	l cu	8,200	Skilled	l days	275	1 400
44	FC 3/16 canal	lowering point	inches, H 4" inches	F 4 1	2		Labors	8 days	1,400	1,400
				Earth Works	2 cu	2 (00	Labors	4 days	700	700
		Construction of a culvert	L 10'ft W 8'ft H 2'ft	HP dia	10 ft	2,000	Labors	2 days	530	550
		Construction of a curvent	L 10 II, W 8 II, II 2 II	Concrete	2 cu	3,500 16,400	Skilled	2 dave	550	
45	FC 6/17 canal			Concrete	2 Cu	10,400	Labors	16 days	2 800	2 800
				Farth works	2 cu		Labors	4 days	2,000	2,000
				Metal	1 cu	2,600	Labors	2 days	350	350
		Construction of a structure to store	L 3' ft W 9" inches H 2	Concrete	1 cu	8 200	Skilled	1 days	275	550
	Drainage canal to	water (To prevent wash off of canal)	1/2' ft	controlo	1 04	0,200	Labors	8 days	1.400	1.400
46	Rambawela (pond)	From every 25' ft to 75' ft		Earth works	2 cu		Labors	4 days	700	700
				Metal	1 cu	2,600	Labors	2 days	350	350
	Connected with	- do -	- do -	Concrete	1 cu	8,200	Skilled	1 days	275	
17	map ref no. 46 -						Labors	8 days	1,400	1,400
4/	drainage canal to			Earth works	2 cu		Labors	4 days	700	700
	above pond			Metal	1 cu	2,600	Labors	2 days	350	350
	Sub-total					5,128,840			1,758,715	1,734,240
	Grand-total	1				6.887.555				

Palukadawela Scheme Proposed by Farmers' Organization

Name of Scheme : Palukadawela Name of FO, etc. : Tract 6

1 tun	ile 01 1 0, etc.	. 11401 0									
	Place to be repaired	Existing Condition / How to repair	Description	Ma	aterials/Othe	rs	Labou	ur requii	red for	the work	Farmers' participation
No.		Existing Condition / How to repair	Description	Require	Requirement		Requirement		ıt	Expected Cost (Rs.)	Expected Cost (Rs.)
1	FC1 to FC2	Canal is silted because for a long time silt coming with water is deposited in the bottom of canal.	L 100m W 8' ft, Height 5' ft	Desilting	127 cu	50,800	Labors	282	days	49,350	49,350
		At present tank bund is washed off and the bathing steps are washed out and	Rip-rap:100 long and 2m wide	Rip rap	21 cu	63,000	Labors	47	days	8,225	8,225
2	Elu wewa Tank bund	broken. New bathing step should be built and to prevent bund washout	Bathing step : 3m long and 2m wide	Concrete	3 cu	24,600	Skilled Labors	3 23	days days	825 4,025	4,025
		should construct a rip-rap.		Earth works Metal	15 cu 1 cu	2,600	Labors Labors	33 2	days days	5,775 350	5,775 350
3	FC5 main road	Must construct a road section of 150m at the end of FC 5 main road	150 meters 12 ft. width	Earth works Gravel	143 cu 38 cu	71,500 76,000	Labors Labors	317 84	days days	55,475 14,700	55,475 14,700
4	FC5, 1/5 FC road	Must construct the total length of 100m of FC5:1/5 field canal road	100 meters 12 ft. width	Earth works Gravel	95 cu 25 cu	47,500 50,000	Labors Labors	211 56	days days	36,925 9,800	36,925 9,800
5	From field 111 to Paluwa road - up to field 98	The existing FC road is only up to field 111. From there up to Field 98 there is no road and should construct a new one	125 meters 12 ft. width	Earth works Gravel	119 cu 32 cu	59,500 64,000	Labors Labors	264 71	days days	46,200 12,425	46,200 12,425
		In FC2 must construct anicuts to provide water to field Nos. 98, 97, 95 &	width 4' ft, height 3' ft	HP dia. 6 inch	40 ft	8,400					
6	FC2	117 (field inlet)		Concrete	4 cu	32,800	Skilled Labors	4 31	days days	1,100 5,425	5,425
				Earth works Metal	4 cu 4 cu	10,400	Labors Labors	9 9	days days	1,575 1,575	1,575 1,575
	Sub-total					561,100				253,750	251,825
	Grand-total					814,850					

Palukadawela Scheme Proposed by Farmers' Organization Name of Scheme : Palukadawela Name of FO, etc. : Puranagama FO

Name	e of FO, etc.	: Puranagama FO									
				Mat	terials/Othe	ers	Lab	our requi	red for	the work	Farmers'
No.	Place to be repaired	Existing Condition / How to repair	Description	Requiren	nent	Expected Cost (Rs.)	Re	equireme	nt	Expected Cost (Rs.)	Expected Cost (Rs.)
		Construction of side walls of FC from	H 2ft	RRM	7 cu	22,400	Skilled	5	days	1,375	
1	Ihalawewa Yaya	anicut to paddy field	L 50 m				Labors	35	days	6,125	6,125
-	india no na Taja			Earth works	3 cu		Labors	7	days	1,225	1,225
	v	Fining datasets 4 actors of an inst		Metal	2 cu	5,200	Labors	4	days	700	700
2	Ihalawewa anicut	Fixing doors to 4 gates of anicut	I 50		in renabilit	ation plan of 1	rrigation	Departm	ent of F	Anicut impro	
3	Ihalagama Yaya spill canal	Filling the spill canal bund. Earth and gravel	L 50 m	Earth works	17 cu	4,250	Labors	38	days	6,650	6,650
4	Ihalawewa yaya	Construction of water blockings to field	L 50 m	Earth works	17 cu	4,250	Labors	38	days	6,650	6,650
5	Gedaragawela anicut	Fixing 4 gates of anicut		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
		Construction a 40 ft side wall from	H 2ft	RRM	2 cu	6,400	Skilled	2	days	550	
6	Near above anicut	anicut to paddy area	L 40 ft				Labors	10	days	1,750	1,750
				Earth Works	6 cu	2 600	Labors	13	days	2,275	2,275
7	Talakola yaya	Fixing 4 gates of anicut		Included	in rehabilit	2,000 ation plan of l	rrigation	Departm	ent of 4	anicut impro	vement 330
8	Tibutugolla	Provide a 9" inch dia Pipe to anicut		Included	in rehabilit	ation plan of l	rrigation	Departm	ent of A	nicut impro	vement
0	Talakolayaya lowar anicut	Re-construction of this anicut		Included	in rehabilit	ation plan of l	rrigation	Departm	ent of A	nicut impro	vement
10	Alakela anicut	Fixing 2 gates to anicuts		Included	in rehabilit	ation plan of l	rrigation	Departm	ent of A	nicut impro	vement
10	7 Hakela ameut	Construction of a causeway across sluice		Concrete	5 cu	41 000	Skilled	5	days	1 375	Venient
		canal		Concrete	5 cu	41,000	Labors	39	davs	6.825	6.825
11	Gedawagawela yaya			Reinforced bar	708 kg	42,450				0,0-0	0,010
	0 , ,			Earth works	30 cu	,	Labors	67	davs	11.725	11.725
				Metal	2 cu	5,200	Labors	4	days	700	700
12	Weeradambana anicut	Fixing 5 gate doors of anicut		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
13	Weeradambana anicut	Lifting the spill openings		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
14	Weeradambana yaya	Provide water blocks for FC within yaya	L 50 m	Earth works	17 cu	4,250	Labors	38	days	6,650	6,650
		Construction of a causeway across spill		Concrete	5 cu	41,000	Skilled	5	days	1,375	
		canal					Labors	39	days	6,825	6,825
15	Ihalawela yaya			Reinforced bar	708 kg	42,450					
				Earth works	30 cu		Labors	67	days	11,725	11,725
				Metal	2 cu	5,200	Labors	4	days	700	700
16	Medawela anicut	Fixing 4 anicut doors		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
17	Medawela yaya	Re-construction of anicut		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
18	Medawela yaya	Provision of water blocks to field canal	L 50 m	Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
19	Malgahakotuwa anicut	Fixing 2 gates to anicuts		Included in rehabilitation plan of Irrigation Department of Anicut improvement					vement		
20	Malgahakotuwa yaya	Construction of anicut		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
21	Kotuwela anicut	Fixing 4 gates to anicut		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
22	Halmillakotuwa	Fixing 2 gates to anicut		Included	in rehabilit	ation plan of l	Irrigation	Departm	ent of A	Anicut impro	vement
23	Halmillakotuwa	Construction of earth bund of 5' ft for	L 50 m	Earth works	17 cu	4,250	Labors	38	days	6,650	6,650
23	Hammakotuwa	Halmiyakotuwa canal									
24	Palugaha Kotuwa	Fixing 4 anicut gates									
		Construction of side walls for canal from	H 2ft	RRM	59 cu	188,800	Skilled	44	days	12,100	
25	Palugaha Kotuwa	anicut length 400 meter	L 400 m				Labors	295	days	51,625	51,625
-				Earth works	200 cu		Labors	444	days	77,700	77,700
				Metal	13 cu	33,800	Labors	29	days	5,075	5,075
		Construction of a causeway below anicut		Concrete	5 cu	41,000	Skilled	5	days	1,375	
							Labors	39	days	6,825	6,825
26	Palugaha Kotuwa			Reinforced bar	708 kg	42,450					
				Earth works	30 cu		Labors	67	days	11,725	11,725
				Metal	2 cu	5,200	Labors	4	days	700	700
27	Palugaha Kotuwa	Rehabilitation of drainage canal from	L 200 m	Earth works	106 cu		Labors	235	days	41,125	41,125
		Paluganakotuwa					<u> </u>	5			ļ
28	Palaha Wela	Construction of Pahala Wela		Included	in rehabilit	ation plan of I	rrigation	Departm	ent of A	Anicut impro	vement
29	Karuwalagaha anicut	Fixing 4 anicut gates		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
30	Suranwela anicut	Fixing 2 anicut gates		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
31	Suranwela anicut	Provide a spill towards weehana		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
32	New anicut	Fixing 2 anicut gates		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
33	New anicut	Provide a spill to anicut		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
34	Wagale Amuna (anicut)	Fixing 2 anicut gates		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
35	Weehana yaya	Bridge across canal		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
36	Weehena Anicut	Fixing 5 anicut gates		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
37	Hooniyan Pathkola yaya	Construction of a new anicut and a		Included	ın rehabilit	ation plan of l	rrigation	Departm	ent of A	Anicut impro	vement
	Sub-total	-			\vdash	542,150				290,450	272,300
	Urrand-total		1	1	1 1	832,600	1	1 1		1	1

Chapter 3

PERIYAKULAMA MEDIUM IRRIGATION SCHEME

- Rehabilitation and Improvement Plan by Farmers -

Rehabilitation Plan & Cost Estimation for Periyakulama Scheme Proposed by Farmers' Organization

Name of Scheme	: Periyakulama
Name of FO atc	· Ekamuthu EO

Inal	me of FO, etc.	: Ekamuthu FO								
		Existing Condition / How to repair	Description	Materials/Oth	ers	Labour required f	Farmers' participation			
No.	Place to be repaired	Existing Condition / How to repair	Description	Requirement	Expected Cost (Rs.)	Requirement	Expected Cost (Rs.)	Expected Cost (Rs.)		
1	Periyakulama Tank	De-silting and remove soil since the tank is heavily silted	About 200 acres	Included in rehabili	tation plan of I	rrigation Department	t of Tank reha	bilitation		
2	Tank bund	Augment the tank bund, widen the top width and constriction of a tarred road	Length of bund 1 mile	Included in rehabilitation plan of Irrigation Department of Tank rehabilitation						
3	3 sluice	Remove old sluices and replace with new hume pipes and doors	Widening the sluices as follows: Low level sluice - 12" East high level sluice - 9" West high level sluice - 6"	Included in rehabili	tation plan of I	rrigation Department	t of Tank reha	bilitation		
4	Canal System	Rehabilitation of grown and silted canal system, construction of concrete lined canal system with necessary structures	Concrete lining 6 km of canal system with structures	Included in rehabilitation plan of Irrigation Department of M, D & F canal improvement						
5	Anicuts	Instead of old anicuts (earth) construction of new anicuts.	Construction of concrete walls for all 6 anicuts Total length 150' ft Width 2' ft Height 5' ft	Included in rehabi	litation plan of in	F Irrigation Departme	nt of M, D &	F canal		
	Sub-total				0		(0 0		
	Grand-total				0					

X3 - 2

Chapter 4

MAHANANNERIYA MEDIUM IRRIGATION SCHEME

- Rehabilitation and Improvement Plan by Farmers -

	The Study for the Potential Realization of Irrigated Agriculture in the Dry and Intermediate Zones of Sri Lanka	Rehabilitation and Improv by Ekabado
ſ	Japan International Cooperation Agency (JICA)	

la Farmers' Organisation

Maha Nanneriya Scheme Proposed by Farmers' Organization

Name of Scheme: Maha NanneriyaName of FO, etc.: Ekabadda FO

No. Place to be repaired Existing Condition / How to repair Description Description Materials Others Lakor required to the vest Propertiest Con (Rs.) Propertiest Propertiest Con (Rs.) Propertiest Requirement Con (Rs.) Propertiest Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement Requirement R												
No. Place to be registed Expected					Ma	terials/Other	rs	Labour r	equired fo	or the work	Farmers' participation	
Image: Result of the second	No.	Place to be repaired	Existing Condition / How to repair	Description	Require	ement	Expected Cost (Rs.)	Require	ment	Expected Cost (Rs.)	Expected Cost (Rs.)	
2 Tark Spill Recove old ty-tap concrete slubs and concrete slubs. Included in relabilitation plan of Irrigation Department of tark improvement. 3 Sinceture of back in the slubs intervent of a discutation and concrete slubs. 1.0 ft 3.2 slubs. Included in relabilitation plan of Irrigation Department of runk improvement. 3 Irrigation canal Deslib tably 2.3 ft M iff 1 ft 2 slubs. Included in relabilitation plan of Irrigation Department of runk improvement. 4 Wind manue Edm Recove old alianct and concrete slubs. Included in relabilitation plan of Irrigation Department of runk improvement. 5.1 Each and concrete slubs. Each Aliance Slubs. Included in relabilitation plan of Irrigation Department of runk improvement. 5.2 Fanh and Concrete slubs. Each Aliance Slubs. Included in relabilitation plan of Irrigation Department of runk improvement. 5.3 Main canal Non canal inprovement and slubs. Each Aliance Slubs. Included in relabilitation plan of Irrigation Department of main canal improvement. 7.3 Main canal Non canal inprovement and slubs. Each Aliance Slubs. Included in relabilitation plan of Irrigation Department of main canal improvement. 7.3 Main canal Non canal inprovement and slubs. Each Aliance Slubs. Included in relabilitation plan of Irrigation Department of m	1	Tank Bund	Rip-rap rehabilitation of tank bund from slabbed section to sluice side Earth filling Gravel filling		Include	d in rehabili	tation plan of	f Irrigation D	epartmen	t of tank impro	vement	
Image: Since Sinc	2	Tank Spill	Remove old rip-rap concrete slabs and earthfill gravel and concrete slabs		Include	d in rehabili	tation plan of	f Irrigation D	epartmen	t of tank impro	vement	
3 Include in relabilitation plan of Irrigation Department of main canal improvement in an canal improvem	3	Structure of back of sluice	Remove the old structure and construct a new one with a concrete foundation	L 10' ft x 2 sides L 20' ft W 10' ft x 2 sides - W 16' ft L of bottom 10' ft, W 4' ft	Included in rehabilitation plan of Irrigation Department of tank improvement							
4 Name Renove of anice and resconses 1/8 P Included in relabilitation plan of frigation. Department of anice minipation. 5.8 Ren anice Renove of anice and resconses 1/8 P × 1/4 P × 1/4 P ∩ Included in relabilitation plan of frigation. Department of anice minipation. 5.3 Mar and Sing a new cound down. Ally sells 1/1 P ∩ P × 2/1 P ∩ Included in relabilitation plan of frigation. Department of anice minipation. 5.3 Mar and Sing a new cound down. Ally sells 1/1 P ∩ P × 2/1 P ∩ Included in relabilitation. Department of minipation. Department of minipation. 6 Mar and 1.5 M M Sing a new cound down. Ally sells 1/2 P √ P ∩ P ∩ P ∩ Included in relabilitation. Department of minipation. Department of minipation. 7 Mar and 2.5 M Sing down and version gene and sell and sells and sell and sells and sell	3	Irrigation canal	De-silt totally	L 2 3/4 miles W 2 1/2' ft	Included in	n rehabilitati	on plan of Iri	rigation Depa	rtment of	main canal im	provement	
5. Rink doors to water control bank is a P 3 L section Network is a point of a section of a network is a point of a sectin of a network is a point of a sect	4	Weli amuna (Earth anicut)	Remove old anicut and re-construct with hume pipes	L 18' ft	Included	l in rehabilit	ation plan of	Irrigation De	partment	of anicut impr	ovement	
5.2 Earth anicut Filing each to anicut wall L 100 ft, W 2 1/2 ft, H 1 ft ft Included in rehabilitation plan of Irrigation Department of anicut improvement 5.3 Main canal (1st field in the plan ft	5.1	Earth anicut	Fixing doors to water control bund, fix adjustable doors with concrete posts	L 4' ft x L sections Height - 4' ft	Included	l in rehabilit	ation plan of	Irrigation De	partment	of anicut impr	ovement	
5.3 Main canal Fixing a new control door. Adjustable L ⁴ ft, H 4' ft Included in rehabilitation plan of Irrigation Department of main canal improvement 6 Main canal (1st field) Priving a new door with pipe retaining and door or a 3' ft concrete wall or construction of a 3' ft concrete wall over existing spill durins by 3' inches and L 20' ft, W 1' ft, H 3' ft concreting cancervays Included in rehabilitation plan of Irrigation Department of main canal improvement 7.1 Main canal 2,3,4.5 Raising angli durins by 3' inches and L 20' ft, W 1' ft, H 3' ft concreting cancervays Included in rehabilitation plan of Irrigation Department of main canal improvement 7.3 Main canal 2,4,4.5 Raising angli durins by 3' inches and concreting cancevays L 20' ft, W 1' ft, H 2' ft Included in rehabilitation plan of Irrigation Department of main canal improvement 7.3 Main canals Construction of a new spill drain L 15' ft, W 1' ft, H 2' ft Included in rehabilitation plan of Irrigation Department of main canal improvement 8 Main canals Construction of a new spill drain by 3' inches and construct a new included in rehabilitation plan of Irrigation Department of main canal improvement 9 Between door 5 & 6 Construction of a new gate Included in rehabilitation plan of Irrigation Department of main canal improvement 10 Gate No. 8 Fixing the door and construction of a new gate Included in rehabi	5.2	Earth anicut	Filling earth to anicut wall	L 100' ft, W 2 1/2' ft H 1' ft	Included	l in rehabilit	ation plan of	Irrigation De	partment	of anicut impr	ovement	
6 Main canal (1s) field Histing a new door with pipe retaining L 12° ft, W 2° ft, H 4° ft Included in rehabilitation plan of Irrigation Department of main canal improvement 7.1 Main canal 1-spill Construction of a 3° ft concrete wall over existing spill and a concrete over casting spill and a concrete casting spill and concrete casting spill and a concrete casting spill and a concrete casting spill drain by 3° ft drain a spin and the concrete casting spill and a concrete casting spill and a concrete casting spill and a concrete casting spill drain by 3° ft drain a spin and provement ft and casting spill drain by 3° ft drain a spin and casting spill drain by 3° ft drain a spin and provement for a concrete wall to fix a concrete spill drain by 3° ft drain a spin and provement for a concrete wall to fix a concrete gasting and concrete casting spill drain by 3° ft drain a spin and provement for a concrete spill drain by 3° ft drain a spin and provement for a concrete spill and a concrete gasting and construction of a concrete wall to fix a spin and provement for a concrete post framout with gates) Included in rehabilitation plan of Irrigation Department of main canal improvement for concrete post framout with gates) 10 Between door 5 & 7 <t< td=""><td>5.3</td><td>Main canal</td><td>Fixing a new control door. Adjustable with concrete post as in 5.1</td><td>L 4' ft, H 4' ft</td><td>Included in</td><td>n rehabilitati</td><td>on plan of Irr</td><td>rigation Depa</td><td>rtment of</td><td>main canal im</td><td>provement</td></t<>	5.3	Main canal	Fixing a new control door. Adjustable with concrete post as in 5.1	L 4' ft, H 4' ft	Included in	n rehabilitati	on plan of Irr	rigation Depa	rtment of	main canal im	provement	
7.1 Main canal 1-spiil Construction of 3 7 ft concrete wall L 20° ft, W 1° ft, H 3° ft Included in rehabilitation plan of Irrigation Department of main canal improvement 7.2 Spiil drains & concreting causeways L 20° ft, W 1° ft, H 3° ft Included in rehabilitation plan of Irrigation Department of main canal improvement 7.3 Main canal Construction of a new spiil drain L 15° ft, W 1° ft, H 2° ft Included in rehabilitation plan of Irrigation Department of main canal improvement 7.3 Main canal culvert New construction with side walls L 18° ft with 3° ft dia x s hume pipes, construct a new spiil drain Included in rehabilitation plan of Irrigation Department of main canal improvement Main canal gue No. Construction of a new spiil drain L 18° ft with 3° ft dia x s hume pipes, construct a new control gate Included in rehabilitation plan of Irrigation Department of main canal improvement 10 Between door 6 & 7 Fixing a new door & hume pipes, Camout with gates) Included in rehabilitation plan of Irrigation Department of main canal improvement 11 Gate No. 8 Fixing a new gate to FC 10 Included in rehabilitation plan of Irrigation Department of field canal improvement 12 FC 10 Fixing a new gate to FC 10 Included in rehabilitation plan of Irrigation Department of field canal improvement Sluice No. 6 Replacing sluice N	6	Main canal (1st field canal)	Fixing a new door with pipe retaining 2 nd door	L 12' ft, W 2' ft, H 4' ft	Included in	n rehabilitati	on plan of Iri	rigation Depa	rtment of	main canal im	provement	
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Sluice No. 8Replacing sluice No. 8Included in rehabilitation plan of Irrigation Department of field canal improvementIhalagama RoadEarth and gravel fillingL 200' ft, W 10' ftEarth works10 cu5,000Labors22days3,8503,850Included in rehabilitation plan of Irrigation Department of field canal improvementGravel6 cu12,000Labors13days2,2752,275Included in rehabilitation plan of Irrigation Department of field canal improvementGravel6 cu12,000Labors13days2,2752,275Included in rehabilitation plan of Irrigation Department of field canal improvementL 10' ft, W 1' ftHP dia. 600mm20 ft14,000Labors13days2,2752,275Included in rehabilitation plan of Irrigation Department of field canal improvementL 10' ft, W 4' ft, H 2' 10''HP dia. 600mm20 ft14,000Labors16days2,8002,800Included in rehabilitation plan of Irrigation Department of field canal improvementEarth works10 cuLabors16days2,8002,80010.2Culvert to RoadEarth and gravel filling with sideL 200' ft, W 10 ftEarth works10 cu2,600Labors2days3,8503,85010.3Road constructionEarth and gravel filling with sideL 200' ft, W 10 ftEarth works10 cu5,000Labors22days3,8503,85010.3Road constructionDrain L 200 ftEarth works <t< td=""><td></td><td>Sluice No. 6</td><td>Replacing sluice No. 6</td><td></td><td>f field canal im</td><td>provement</td></t<>		Sluice No. 6	Replacing sluice No. 6							f field canal im	provement	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Sluice No. 8	Replacing sluice No. 8							f field canal im	provement	
Image: New construction L 10' ft, W 4' ft, H 2' 10'' HP dia. 600mm 20 ft 14,000 22,21' <th21'< th=""> <th22'< th=""></th22'<></th21'<>		Ihalagama Road	Earth and gravel filling	L 200' ft, W 10' ft	Earth works Gravel	10 cu	5,000	Labors 2 Labors 1	2 days	3,850	3,850 2,275	
Image: Construction Earth and gravel filling with side L 200' ft, W 10 ft Earth works 10 cu 2,600 Labors 22 days 5,850 5,850 5,850 5,850 5,851 <td>10.2</td> <td>Culvert to Road</td> <td>New construction</td> <td>L 10' ft, W 4' ft, H 2' 10"</td> <td>HP dia. 600mm Concrete</td> <td>20 ft 2 cu</td> <td>14,000 16,400</td> <td>Skilled Labors 1</td> <td>2 days 6 days 2 days</td> <td>550 2,800 3,850</td> <td>2,800</td>	10.2	Culvert to Road	New construction	L 10' ft, W 4' ft, H 2' 10"	HP dia. 600mm Concrete	20 ft 2 cu	14,000 16,400	Skilled Labors 1	2 days 6 days 2 days	550 2,800 3,850	2,800	
10.3Road constructionEarth and gravel filling with side drainsL 200' ft, W 10 ftEarth works10 cu5,000Labors22 days3,8503,85010.3Road constructiondrainsDrain L 200 ftEarth works6 cu12,000Labors13 days2,2752,275Drain L 200 ftEarth works30 cuLabors67 days11,72511,72511,725					Metal	10 cu 1 cu	2,600	Labors 2	2 days 2 days	3,850	3,850	
	10.3	Road construction	Earth and gravel filling with side drains	L 200' ft, W 10 ft Drain L 200 ft	Earth works Gravel	10 cu 6 cu 30 cu	5,000 12,000	Labors 2 Labors 1 Labors 6	2 days 3 days 7 days	3,850 2,275	3,850 2,275	

				Ma	Labour required for the work				Farmers' participation			
No.	Place to be repaired	Existing Condition / How to repair	Description	Require	ement	Expected Cost (Rs.)	Req	uireme	ent	Expected Cost (Rs.)	Expected Cost (Rs.)	
		Earth and gravel filling with side drains	L 500' ft, W 12 ft	Earth works	29 cu	14,500	Labors	64	days	11,200	11,200	
10.4	Road construction			Gravel	19 cu	38,000	Labors	42	days	7,350	7,350	
			Drain L 500 ft	Earth works	76 cu		Labors	169	days	29,575	29,575	
		Earth and gravel filling with side drains	L 700' ft, W 18' ft	Earth works	61 cu	30,500	Labors	135	days	23,625	23,625	
10.5	Road construction			Gravel	41 cu	82,000	Labors	91	days	15,925	15,925	
			Drain L 700 ft	Earth works	107 cu		Labors	238	days	41,650	41,650	
		Earth and gravel filling with side drains	L 200' ft, W 10 ft	Earth works	10 cu	5,000	Labors	22	days	3,850	3,850	
10.6	Road construction		D I I A A A A A A A A A A	Gravel	6 cu	12,000	Labors	13	days	2,275	2,275	
			Drain L 200 ft	Earth works	30 cu		Labors	67	days	11,725	11,725	
		Earth and gravel filling with side drains	L 500' ft, W 10' ft	Earth works	24 cu	12,000	Labors	53	days	9,275	9,275	
10.7	Road construction		D : 1 500 C	Gravel	16 cu	32,000	Labors	36	days	6,300	6,300	
			Drain L 500 ft	Earth works	76 cu		Labors	169	days	29,575	29,575	
		Filling pot holes, construction of	Length 2 miles	Earth works	339 cu	169,500	Labors	753	days	131,775	131,775	
	Road to maha	causeways with hume pipes, filling earth		Gravel	170 cu	340,000	Labors	377	days	65,975	65,975	
	akkarava from		Culvert	600mm	20 ft	14,000					550 2.800 2.800	
	Wanni Amunukole			Earth works 339 cu 169,500 Labors 753 days 131,775 Gravel 170 cu 340,000 Labors 377 days 65,975 Hr dia. 20 ft 14,000 65,975 Concrete 2 cu 16,400 Skilled 2 days 550 Earth works 10 cu Labors 16 days 2,800 Metal 1 cu 2,600 Labors 2 days 3,850								
	Junction						Labors	16	days	2,800	2,800	
				Earth works	10 cu		Labors	22	days	3,850	3,850	
				Metal	1 cu	2,600	Labors	2	days	350	350	
	Pansal Amuna (Anicut)	Fixing hume pipes to provide water to Mahawela	3" inches dia. 2 pipes	Included	l in rehabilit	ation plan of l	Irrigation	Depar	tment c	of anicut impro	vement	
12	Karandagaha Amuna (Anicut)	Construction of a spill	L 20' ft, W 2' ft	Included	l in rehabilit	ation plan of l	Irrigation	Depar	tment c	of anicut impro	vement	
13	Elakirihami's Amuna	Construction of a spill and a spill wall	L 30' ft, H 6' ft L 348' ft, W 4' ft, H 6" inches	Included	l in rehabilit	ation plan of l	Irrigation	Depar	tment o	of anicut impro	vement	
	Mahaaldaaaaaa	Filling holes with earth	L 69' ft									
14	Amuna	Construction of 3 turnouts		Included	l in rehabilit	ation plan of l	Irrigation	Depar	tment c	of anicut impro	vement	
	7 tillulla	Construction of a new wall	L 20' ft, W 2' ft, H 3' ft									
15	Divul Akkarayaya Amuna (Anicut)	Construction of a spill flood water	L 20' ft, W 1 1/2' ft H 4' ft	Included	l in rehabilit	ation plan of l	Irrigation	Depar	tment c	of anicut impro	vement	
16	Bellanwala Amuna	Construction of a spill flood water	L 10' ft, W 1' ft, H 4' ft	Included	l in rehabilit	ation plan of l	Irrigation	Depar	tment c	of anicut impro	vement	
17	Tank	De-silting the tank	Water spread area 14 sq. miles	Included in rehabilitation plan of Irrigation Department of tank improvement								
	Sub-total					835,500				429,150	428,050	
	Grand-total					1,264,650						
	(US\$/ha)					113						