



### App. 2.5-3 Construction Cost for Rehabilitation Works

Description	Area	Total (Mil.Rs.)	F/C(20%) (Mil.Rs.)	L/C(80%) (Mil.Rs.)	US\$/ha
<b>1. Liyangastota Scheme</b>					
<b>I. Construction Cost</b>					
I-1 Liyangastota Anicut		20.88	4.18	16.70	
<b>I-2 Walawe Left Bank</b>					
1. LB Feeder Canal		9.70	1.94	7.76	
2. Ridiyagama Tank		39.15	7.83	31.32	
3. LB Main Canal	296 ha	118.97	23.79	95.18	8,030
4. NRB	92 ha	8.38	1.68	6.71	1,819
5. NCB	370 ha	21.62	4.32	17.30	1,169
6. SLB	452 ha	60.49	12.10	48.39	2,677
7. SRB	909 ha	53.58	10.72	42.86	1,178
8. SCB	434 ha	21.10	4.22	16.88	973
9. Farm Road, etc.		9.33	1.87	7.47	
Walawe LB Total	2,553 ha	342.33	68.47	273.87	2,681
<b>I-3 Walawe Right Bank</b>					
1. RB Main Canal	812 ha	87.56	17.51	70.05	2,156
2. D-1 Canal	425 ha	27.06	5.41	21.65	1,274
3. D-2 Canal	102 ha	14.42	2.88	11.54	2,834
4. D-3 Canal	833 ha	48.06	9.61	38.45	1,154
5. Other Canals	282 ha	8.39	1.68	6.71	
6. Farm Road, etc.		7.44	1.49	5.95	
Walawe RB Total	2,454 ha	192.94	38.59	154.35	1,572
<b>Total (I)</b>	<b>5,007 ha</b>	<b>556.15</b>	<b>111.23</b>	<b>444.92</b>	<b>2,221</b>
II. Overhead & Profits		5.00	1.00	4.00	
III. Land Acquisition (0.5%)		2.78	0.56	2.22	
IV. Engineering Services (8%)		44.49	8.90	35.59	
V. Administration (5%)		27.81	5.56	22.25	
VI. Physical Contingency (15%)		83.42	16.68	66.74	
<b>Total (I-VI)</b>		<b>719.66</b>	<b>143.93</b>	<b>575.73</b>	
VII. Price Contingency (10%)		71.97	14.39	57.57	
<b>Liyangastota Total</b>		<b>791.62</b>	<b>158.32</b>	<b>633.30</b>	<b>3,162</b>
<b>2. Muruthawela Reservoir Scheme</b>					
<b>I. Construction Cost</b>					
<b>I-1 Muruthawela LB</b>					
1. LB Main Canal		65.13	13.03	52.10	
2. Tract I	425 ha	51.72	10.34	41.37	2,434
3. Tract II	583 ha	50.81	10.16	40.65	1,742
4. Tract III	692 ha	60.33	12.07	48.26	1,744
Muruthawela LB Total	1,700 ha	227.98	45.60	182.39	2,682
<b>I-2 Urubokka Oya Scheme</b>					
1. Anicut Scheme (8 Anicuts)	1,746 ha	142.42	30.26	112.16	1,631
2. Tank Scheme (H/L Canal)	516 ha	77.88	15.58	62.31	3,019
3. Farm Road, etc.		6.88	1.38	5.50	
Urubokka Oya Total	2,262 ha	227.18	47.21	179.97	2,009
<b>I-3 Kirama Oya Scheme</b>					
1. Anicut Scheme (18 Anicuts)		174.48	36.86	137.62	
2. Farm Road, etc.		16.51	3.30	13.21	
Kirama Oya Total	1,511 ha	190.99	40.16	150.83	2,529
<b>Total (I)</b>	<b>5,473 ha</b>	<b>646.16</b>	<b>132.97</b>	<b>513.19</b>	<b>2,361</b>
II. Overhead & Profits		5.00	1.00	4.00	
III. Land Acquisition (0.5%)		3.23	0.66	2.57	
IV. Engineering Services (8%)		51.69	10.64	41.05	
V. Administration (5%)		32.31	6.65	25.66	
VI. Physical Contingency (15%)		96.92	19.95	76.98	
<b>Total (I-VI)</b>		<b>835.32</b>	<b>171.87</b>	<b>663.44</b>	
VII. Price Contingency (10%)		83.53	17.19	66.34	
<b>Muruthawela Total</b>		<b>918.85</b>	<b>189.06</b>	<b>729.79</b>	<b>3,358</b>
<b>3. Badagiriya Scheme</b>					
<b>I. Construction Cost</b>					
I-1 Feeder Canal		24.28	4.86	19.42	
I-2 Main Canal		42.17	8.43	33.73	
I-3 Block-1 (FC 1 Area)	177 ha	8.89	1.78	7.11	1,005
I-4 Block-2 (DC 1 Area)	260 ha	13.11	2.62	10.49	1,009
I-5 Block-3 (DC 3 Area)	157 ha	7.11	1.42	5.69	905
I-6 Block-4 (Proposed Area)	92 ha	11.05	2.30	8.75	2,399
<b>Total (I)</b>	<b>686 ha</b>	<b>106.60</b>	<b>21.41</b>	<b>85.19</b>	<b>3,108</b>
II. Overhead & profits		5.00	1.00	4.00	
III. Land Acquisition (0.5%)		0.53	0.11	0.43	
IV. Engineering Services (8%)		8.53	1.71	6.82	
V. Administration (5%)		5.33	1.07	4.26	
VI. Physical Contingency (15%)		15.99	3.21	12.78	
<b>Total (I-VI)</b>		<b>141.98</b>	<b>28.51</b>	<b>113.47</b>	
VII. Price Contingency (10%)		14.20	2.85	11.35	
<b>Badagiriya Total</b>		<b>156.18</b>	<b>31.36</b>	<b>124.81</b>	<b>4,553</b>
<b>Ground Total</b>	<b>11,166 ha</b>	<b>1,866.64</b>	<b>378.74</b>	<b>1,487.90</b>	<b>3,343</b>

## App. 2.5-4 Cost for Project Strengthening And Support Plan

### A. Plan to the Operation and Maintenance Capacity

Description	Quantity	Total		Forein Currency		Local Currency		
		Unit price	(Mil.Rs.)	Unit price	(Mil.Rs.)	Unit price	(Mil.Rs.)	
<b>I. Range Maintenance Unit (RMU)</b>	ls	1	161.20	161.20	138.76	138.76	22.44	22.44
<b>II. Operation Unit (OU)</b>								
II-1 Liyangastota Scheme	ls	1	37.51	37.51	34.91	34.91	2.60	2.60
II-2 Muruthawela Reservoir Scheme	ls	1	37.51	37.51	34.91	34.91	2.60	2.60
II-3 Badagiriya Scheme	ls	1	37.51	37.51	34.91	34.91	2.60	2.60
sub-total		3		112.53		104.73		7.80
<b>Total</b>		4		273.73		243.49		30.24

### B. Plan to the Strengthen and Support Farmer Organization

Description	Unit	Quantity	Total		Forein Currency		Local Currency	
			Unit price	(Mil.Rs.)	Unit price	(Mil.Rs.)	Unit price	(Mil.Rs.)
<b>II-1 Liyangastota Scheme</b>								
1. Walawe RB	ls	3	11.63	41.79	9.33	34.89	2.30	6.90
2. Walawe LB	ls	3	11.63	41.79	9.33	34.89	2.30	6.90
sub-total		6		83.58		69.78		13.80
<b>II-2 Muruthawela Reservoir Scheme</b>								
1. Muruthawela LB	ls	3	11.63	41.79	9.33	34.89	2.30	6.90
2. Urubokka Oya	ls	3	11.63	41.79	9.33	34.89	2.30	6.90
3. Kirama Oya	ls	3	11.63	41.79	9.33	34.89	2.30	6.90
sub-total		9		125.37		104.67		20.70
II-3 Badagiriya Scheme	ls	1	11.63	13.93	9.33	11.63	2.30	2.30
<b>Total</b>		16		222.88		186.08		36.80
<b>Total (A+B)</b>				496.61		429.57		67.04

### C. Training Programme

Description	Total (Mil.Rs.)	Forein Currency (Mil.Rs.)	Local Currency (Mil.Rs.)
<b>I. Overseas Training</b>	17.50	17.50	0.00
<b>II. In-County Training</b>	2.50	0.00	2.50
<b>Total</b>	20.00	17.50	2.50

<b>Ground Total (A+B+C)</b>	<b>516.61</b>	<b>447.07</b>	<b>69.54</b>
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## App. 2.5-5 Construction Cost for Walawe LB Sub-Scheme

## WL-1 Liyangastota Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Main Structure(16 gates)	ls	1	19,650,000	19,650,000	3,930,000	3,930,000	15,720,000	15,720,000
2. Flood Sluiceway (1 gate)	ls	1	1,230,000	1,230,000	246,000	246,000	984,000	984,000
<b>Total</b>				<b>20,880,000</b>		<b>4,176,000</b>		<b>16,704,000</b>

## WL-2 Walawe LB Feeder Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-I	m		8,097	0	1,619	0	6,478	0
type-II	m		6,198	0	1,240	0	4,958	0
type-III	m		5,558	0	1,112	0	4,447	0
type-IV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m	6,475	1,144	7,407,247	229	1,481,449	915	5,925,798
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Sub-total		6,475		7,407,247		1,481,449		5,925,798
<b>2. Canal Structures</b>								
2-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	27,043	0	5,409	0	21,634	0
2-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irt	nos	54,504	0	10,901	0	43,603	0
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	38,732	0	7,746	0	30,986	0
2-5 Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	70,127	0	14,025	0	56,102	0
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-IW	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-Io	nos	3	232,961	698,883	46,592	139,777	186,369
	type-Ioo	nos	120,420	0	24,084	0	96,336	0
2-8 Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991
	type-Ipt	nos	14,235	0	2,847	0	11,388	0
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Iss	nos	130	12,135	1,577,612	2,427	315,522	9,708
	type-IIs	nos	10,189	0	2,038	0	8,151	0
	type-IIs	nos	4,445	0	889	0	3,556	0
Sub-total		134		2,297,734		459,547		1,838,187
<b>Total</b>				<b>9,704,981</b>		<b>1,940,996</b>		<b>7,763,985</b>

## WL-3 Ridiyagama Tank

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
Rihabilitation of Embankment								
Toe drain/slope								
Improvement of spillway								
<b>Total</b>	LS	1	39,150,000	39,150,000	7,830,000	7,830,000	31,320,000	31,320,000

App. 2.5-5 Construction Cost for Walawe LB Sub-Scheme

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WI-4 LB Main Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>									
type-LI	m	12,203	8,097	98,808,109	1,619	19,761,622	6,478	79,046,488	
type-LII	m		6,198	0	1,240	0	4,958	0	
type-LIII	m		5,558	0	1,112	0	4,447	0	
type-LIV	m		4,280	0	856	0	3,424	0	
type-LV	m		3,540	0	708	0	2,832	0	
type-LVI	m		2,639	0	528	0	2,111	0	
type-EIa	m		1,144	0	229	0	915	0	
type-EIb	m		963	0	193	0	771	0	
type-EII	m		610	0	122	0	488	0	
type-EIII	m		577	0	115	0	462	0	
type-EIV	m		511	0	102	0	409	0	
type-EV	m		380	0	76	0	304	0	
type-EVI	m	1,100	124	136,474	25	27,295	99	109,179	
Field Canal	m	8,890	230	2,044,700	46	408,940	184	1,635,760	
Drainage Canal	m	5,930	140	830,200	28	166,040	112	664,160	
Sub-total		28,123		101,819,484		20,363,897		81,455,587	
<b>2. Canal Structures</b>									
2-1 Intake	type-Ii	nos	1	391,436	391,436	78,287	78,287	313,149	313,149
	type-III	nos	1	148,993	148,993	29,799	29,799	119,194	119,194
2-2 Turnout	type-It	nos		46,733	0	9,347	0	37,387	0
	type-III	nos	31	27,043	838,336	5,409	167,667	21,634	670,669
2-3 Regulator	type-Ir	nos	1	73,104	73,104	14,621	14,621	58,483	58,483
	type-IIr	nos		54,504	0	10,901	0	43,603	0
2-4 Drop	type-Id	nos		93,900	0	18,780	0	75,120	0
	type-IIId	nos		38,732	0	7,746	0	30,986	0
2-5 Under Crossin	type-Iu	nos	1	75,429	75,429	15,086	15,086	60,343	60,343
	type-IIu	nos		70,127	0	14,025	0	56,102	0
2-6 Spillway	type-Iw	nos	1	93,803	93,803	18,761	18,761	75,043	75,043
	type-IIw	nos	1	46,902	46,902	9,380	9,380	37,521	37,521
2-7 Over Bridge	type-Io	nos	8	232,961	1,863,687	46,592	372,737	186,369	1,490,950
	type-IIo	nos		120,420	0	24,084	0	96,336	0
2-8 Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991	16,991
	type-IIp	nos		14,235	0	2,847	0	11,388	0
2-9 Aqueduct	type-Ia	nos		3,199,921	0	639,984	0	2,559,937	0
	type-IIa	nos		45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Is	nos		12,135	0	2,427	0	9,708	0
	type-IIs	nos		10,189	0	2,038	0	8,151	0
	type-IIIs	nos	22	4,445	97,799	889	19,560	3,556	78,239
Sub-total		68		3,650,728		730,146		2,920,583	
<b>3. Kadawara Tank</b>									
Sub-total	LS	1	13,500,000	13,500,000	2,700,000	2,700,000	10,800,000	10,800,000	
Sub-total				13,500,000		2,700,000		10,800,000	
<b>Total</b>				<b>118,970,212</b>		<b>23,794,042</b>		<b>95,176,169</b>	

## App. 2.5-5 Construction Cost for Walawe LB Sub-Scheme

## WL-5 LB NCB Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>I. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m	2,344	3,540	8,298,532	708	1,659,706	2,832	6,638,826
	type-LVI	m	2,000	2,639	5,278,582	528	1,055,716	2,111	4,222,866
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	5,556	124	689,318	25	137,864	99	551,455
	Field Canal	m	11,100	230	2,553,000	46	510,600	184	2,042,400
	Drainage Canal	m	7,400	140	1,036,000	28	207,200	112	828,800
	Sub-total		28,400		17,855,433		3,571,087		14,284,346
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-IIi	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-It	nos	1	46,733	46,733	9,347	9,347	37,387
		type-IIIt	nos	41	27,043	1,108,767	5,409	221,753	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-IIr	nos	4	54,504	218,017	10,901	43,603	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IIId	nos	2	38,732	77,464	7,746	15,493	30,986
2-5	Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IIu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IIw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-IIo	nos	15	120,420	1,806,307	24,084	361,261	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-IIp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-IIa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Ic	nos	12,135	0	2,427	0	9,708	0
		type-IIc	nos	10,189	0	2,038	0	8,151	0
		type-IIIf	nos	112	4,445	497,884	889	99,577	3,556
	Sub-total		176		3,769,408		753,882		3,015,527
<b>Total</b>					<b>21,624,841</b>		<b>4,324,968</b>		<b>17,299,873</b>

App. 2.5-5 Construction Cost for Walawe LB Sub-Scheme

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WL-6 LB NRB Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m	899	3,540	3,182,756	708	636,551	2,832	2,546,205
	type-LVI	m	801	2,639	2,114,072	528	422,814	2,111	1,691,258
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	2,800	124	347,389	25	69,478	99	277,911
	Field Canal	m	2,770	230	637,100	46	127,420	184	509,680
	Drainage Canal	m	1,840	140	257,600	28	51,520	112	206,080
	Sub-total		9,110		6,538,917		1,307,783		5,231,134
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-lII	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-lt	nos	46,733	0	9,347	0	37,387	0
		type-lIt	nos	48	27,043	1,298,068	5,409	259,614	1,038,455
2-3	Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
		type-lIrr	nos	3	54,504	163,513	10,901	32,703	130,810
2-4	Drop	type-lid	nos	93,900	0	18,780	0	75,120	0
		type-lId	nos	38,732	0	7,746	0	30,986	0
2-5	Under Crossin	type-lu	nos	75,429	0	15,086	0	60,343	0
		type-lIu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
		type-lIw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-lo	nos	232,961	0	46,592	0	186,369	0
		type-lIo	nos	1	120,420	120,420	24,084	24,084	96,336
2-8	Parshall Flumc	type-lp	nos	21,239	0	4,248	0	16,991	0
		type-lIp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-la	nos	3,199,921	0	639,984	0	2,559,937	0
		type-lIa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
		type-lIs	nos	10,189	0	2,038	0	8,151	0
		type-lIIs	nos	56	4,445	248,942	889	49,788	199,154
	Sub-total		109		1,845,179		369,036		1,476,143
<b>Total</b>					<b>8,384,096</b>		<b>1,676,819</b>		<b>6,707,277</b>

App. 2.5-5 Construction Cost for Walawe I.B Sub-Scheme

(5/7)

WL-7 LB S.I.B Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>I. Canal Works</b>									
	type-II	m		8,097	0	1,619	0	6,478	0
	type-III	m		6,198	0	1,240	0	4,958	0
	type-LIII	m	4,802	5,558	26,691,013	1,112	5,338,203	4,447	21,352,810
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m	5,498	3,540	19,464,731	708	3,892,946	2,832	15,571,785
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	10,800	124	1,339,927	25	267,985	99	1,071,942
	Field Canal	m	13,560	230	3,118,800	46	623,760	184	2,495,040
	Drainage Canal	m	9,040	140	1,265,600	28	253,120	112	1,012,480
	Sub-total		43,700		51,880,071		10,376,014		41,504,057
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-It	nos	1	46,733	46,733	9,347	9,347	37,387
		type-IIt	nos	62	27,043	1,676,672	5,409	335,334	21,634
2-3	Regulator	type-Ir	nos	1	73,104	73,104	14,621	14,621	58,483
		type-Irr	nos	4	54,504	218,017	10,901	43,603	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	38,732	0	7,746	0	30,986	0
2-5	Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	1	93,803	93,803	18,761	18,761	75,043
		type-IWw	nos	4	46,902	187,606	9,380	37,521	37,521
2-7	Over Bridge	type-Io	nos	13	232,961	3,028,491	46,592	605,698	186,369
		type-Ioo	nos	19	120,420	2,287,989	24,084	457,598	96,336
2-8	Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	216	4,445	960,206	889	192,041	3,556
	Sub-total		323		8,608,097		1,721,619		6,886,477
<b>Total</b>					<b>60,488,168</b>		<b>12,097,634</b>		<b>48,390,534</b>



App. 2.5-5 Construction Cost for Walawe LB Sub-Scheme

(6/7)

WL-8 LB SCB Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m	2,216	3,540	7,845,370	708	1,569,074	2,832	6,276,296
	type-LVI	m	1,584	2,639	4,180,637	528	836,127	2,111	3,344,510
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	2,300	124	285,355	25	57,071	99	228,284
	Field Canal	m	13,010	230	2,992,300	46	598,460	184	2,393,840
	Drainage Canal	m	8,670	140	1,213,800	28	242,760	112	971,040
	Sub-total		27,780		16,517,462		3,303,492		13,213,970
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	1	46,733	46,733	9,347	9,347	37,387
		type-IIt	nos	38	27,043	1,027,638	5,409	205,528	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Ir	nos	3	54,504	163,513	10,901	32,703	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-Id	nos	3	38,732	116,197	7,746	23,239	30,986
2-5	Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Io	nos	25	120,420	3,010,512	24,084	602,102	96,336
2-8	Parshall Flumc	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ip	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Ia	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-IIs	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	46	4,445	204,488	889	40,898	163,591
	Sub-total		117		4,583,315		916,663		3,666,652
<b>Total</b>					<b>21,100,777</b>		<b>4,220,155</b>		<b>16,880,622</b>

## App. 2.5-5 Construction Cost for Walawe LB Sub-Scheme

## WL-9 LB SRB Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m	2,799	4,280	11,978,705	856	2,395,741	3,424	9,582,964
type-LV	m	4,751	3,540	16,820,105	708	3,364,021	2,832	13,456,084
type-LVI	m	3,200	2,639	8,445,732	528	1,689,146	2,111	6,756,586
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m	2,150	380	815,989	76	163,198	304	652,791
type-EVI	m	10,700	124	1,327,521	25	265,504	99	1,062,017
Field Canal	m	27,280	230	6,274,400	46	1,254,880	184	5,019,520
Drainage Canal	m	18,190	140	2,546,600	28	509,320	112	2,037,280
Sub-total		69,070		48,209,051		9,641,810		38,567,241
<b>2. Canal Structures</b>								
2-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-Ii	nos	46,733	46,733	9,347	9,347	37,387	37,387
	type-Iii	nos	27,043	1,947,103	5,409	389,421	21,634	1,557,682
2-3 Regulator	type-Ir	nos	73,104	73,104	14,621	14,621	58,483	58,483
	type-Irr	nos	54,504	490,539	10,901	98,108	43,603	392,431
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	38,732	116,197	7,746	23,239	30,986	92,957
2-5 Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	70,127	70,127	14,025	14,025	56,102	56,102
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	120,420	1,445,046	24,084	289,009	96,336	1,156,036
2-8 Parshall Flume	type-Ip	nos	21,239	21,239	4,248	4,248	16,991	16,991
	type-Ipp	nos	14,235	14,235	2,847	2,847	11,388	11,388
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
	type-IIs	nos	10,189	0	2,038	0	8,151	0
	type-IIs	nos	257	4,445	889	228,493	3,556	913,974
Sub-total		358		5,366,789		1,073,358		4,293,432
<b>Total</b>				<b>53,575,840</b>		<b>10,715,168</b>		<b>42,860,672</b>

## WL-10 Farm Road, etc.

1. Farm Road	m	13,000	562	7,305,197	112	1,461,039	450	5,844,157
2. Bridges	nos	3	232,961	698,883	46,592	139,777	186,369	559,106
3. Green Belt	m	13,300	100	1,330,000	20	266,000	80	1,064,000
<b>Total</b>				<b>9,334,079</b>		<b>1,866,816</b>		<b>7,467,264</b>

Liyangastota Anicut				20,880,000		4,176,000		16,704,000
Walawe LB				342,332,995		68,466,599		273,866,396
<b>Walawe LB Total</b>				<b>363,212,995</b>		<b>72,642,599</b>		<b>290,570,396</b>

App. 2.5-6 Construction Cost for Walawe RB Sub-Scheme

(1/5)

WR-1 Walawe RB Main Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m	0	8,097	0	1,619	0	6,478	0
	type-LII	m	1,545	6,198	9,575,866	1,240	1,915,173	4,958	7,660,693
	type-LIII	m	3,838	5,558	21,332,800	1,112	4,266,560	4,447	17,066,240
	type-LIV	m	5,347	4,280	22,883,220	856	4,576,644	3,424	18,306,576
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m	6,000	1,144	6,863,858	229	1,372,772	915	5,491,087
	type-EIb	m	5,730	963	5,520,109	193	1,104,022	771	4,416,088
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m	3,840	511	1,962,209	102	392,442	409	1,569,767
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	24,370	230	5,605,100	46	1,121,020	184	4,484,080
	Drainage Canal	m	16,250	140	2,275,000	28	455,000	112	1,820,000
	Sub-total		66,920		76,018,163		15,203,633		60,814,530
<b>2. Canal Structures</b>									
2-1	Intake	type-II	nos		391,436	0	78,287	0	313,149
		type-III	nos		148,993	0	29,799	0	119,194
2-2	Turnout	type-II	nos	7	46,733	327,133	9,347	65,427	37,387
		type-III	nos	42	27,043	1,135,810	5,409	227,162	21,634
2-3	Regulator	type-Ir	nos	3	73,104	219,313	14,621	43,863	58,483
		type-Irr	nos	3	54,504	163,513	10,901	32,703	43,603
2-4	Drop	type-Id	nos		93,900	0	18,780	0	75,120
		type-IId	nos		38,732	0	7,746	0	30,986
2-5	Under Crossin	type-Iu	nos	2	75,429	150,858	15,086	30,172	60,343
		type-Iuu	nos	3	70,127	210,381	14,025	42,076	56,102
2-6	Spillway	type-Iw	nos		93,803	0	18,761	0	75,043
		type-Iww	nos	5	46,902	234,508	9,380	46,902	37,521
2-7	Over Bridge	type-Io	nos	7	232,961	1,630,726	46,592	326,145	186,369
		type-Ioo	nos	16	120,420	1,926,727	24,084	385,345	96,336
2-8	Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos		3,199,921	0	639,984	0	2,559,937
		type-Iaa	nos		45,653	0	9,131	0	36,523
2-10	Canal Section	type-Iss	nos	235	12,135	2,851,837	2,427	570,367	9,708
		type-IIs	nos	77	10,189	784,526	2,038	156,905	8,151
		type-IIs	nos		4,445	0	889	0	3,556
	Sub-total		402		9,670,807		1,934,161		7,736,646
<b>3. Small Tank</b>									
	Mandagala Tank	nos	1	750,000	750,000	150,000	150,000	600,000	600,000
	Lunama	nos	1	1,125,000	1,125,000	225,000	225,000	900,000	900,000
	Sub-total		2		1,875,000		375,000		1,500,000
<b>Total</b>					<b>87,563,970</b>		<b>17,512,794</b>		<b>70,051,176</b>

## App. 2.5-6 Construction Cost for Walawe RB Sub-Scheme

## WR-2 Walawe RB D-1/Jansegama/Walawe Watta Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LH	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m	3,900	3,540	13,807,284	708	2,761,457	2,832	11,045,828
type-LVI	m	2,650	2,639	6,994,122	528	1,398,824	2,111	5,595,297
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	1,250	124	155,084	25	31,017	99	124,067
Field Canal	m	12,750	230	2,932,500	46	586,500	184	2,346,000
Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
Sub-total		29,050		25,078,990		5,015,798		20,063,192
<b>2. Canal Structures</b>								
2-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-III	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-Ii	nos	3	46,733	140,200	9,347	28,040	37,387
	type-III	nos	43	27,043	1,162,853	5,409	232,571	21,634
2-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Ir	nos	2	54,504	109,009	10,901	21,802	43,603
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	2	38,732	77,464	7,746	15,493	30,986
2-5 Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iu	nos	70,127	0	14,025	0	56,102	0
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iw	nos	2	46,902	93,803	9,380	18,761	37,521
2-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Io	nos	2	120,420	240,841	24,084	48,168	96,336
2-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ip	nos	3	14,235	42,706	2,847	8,541	11,388
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Ia	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-IIs	nos	10,189	0	2,038	0	8,151	0
	type-IIs	nos	25	4,445	111,135	889	22,227	88,908
Sub-total		82		1,978,011		395,602		1,582,409
<b>Total</b>				<b>27,057,001</b>		<b>5,411,400</b>		<b>21,645,601</b>

## App. 2.5-6 Construction Cost for Walawe RB Sub-Scheme

## WR-3 Walawe RB D-2 Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m	1,600	3,540	5,664,527	708	1,132,905	2,832	4,531,622
type-LVI	m	2,650	2,639	6,994,122	528	1,398,824	2,111	5,595,297
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	3,050	230	701,500	46	140,300	184	561,200
Drainage Canal	m	2,040	140	285,600	28	57,120	112	228,480
Sub-total		9,340		13,645,749		2,729,150		10,916,599
<b>2. Canal Structures</b>								
2-1 Intake								
type-Ii	nos		391,436	0	78,287	0	313,149	0
type-Iii	nos		148,993	0	29,799	0	119,194	0
2-2 Turnout								
type-IIt	nos		46,733	0	9,347	0	37,387	0
type-IIIt	nos	9	27,043	243,388	5,409	48,678	21,634	194,710
2-3 Regulator								
type-Ir	nos		73,104	0	14,621	0	58,483	0
type-Irr	nos	2	54,504	109,009	10,901	21,802	43,603	87,207
2-4 Drop								
type-Id	nos		93,900	0	18,780	0	75,120	0
type-IId	nos	2	38,732	77,464	7,746	15,493	30,986	61,971
2-5 Under Crossin								
type-Iu	nos		75,429	0	15,086	0	60,343	0
type-Iuu	nos		70,127	0	14,025	0	56,102	0
2-6 Spillway								
type-Iw	nos		93,803	0	18,761	0	75,043	0
type-Iww	nos	2	46,902	93,803	9,380	18,761	37,521	75,043
2-7 Over Bridge								
type-Io	nos		232,961	0	46,592	0	186,369	0
type-Ioo	nos	2	120,420	240,841	24,084	48,168	96,336	192,673
2-8 Parshall Flume								
type-Ip	nos		21,239	0	4,248	0	16,991	0
type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388	11,388
2-9 Aqueduct								
type-Ia	nos		3,199,921	0	639,984	0	2,559,937	0
type-Iaa	nos		45,653	0	9,131	0	36,523	0
2-10 Canal Section								
type-Is	nos		12,135	0	2,427	0	9,708	0
type-IIs	nos		10,189	0	2,038	0	8,151	0
type-IIIs	nos		4,445	0	889	0	3,556	0
Sub-total		18		778,740		155,748		622,992
<b>Total</b>				<b>14,424,489</b>		<b>2,884,898</b>		<b>11,539,591</b>

## App. 2.5-6 Construction Cost for Walawe RB Sub-Scheme

## WR-4 Walawe RB D-3/Wickramanayake/D-4/Oluwila Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m	2,075	4,280	8,880,247	856	1,776,049	3,424	7,104,198
	type-LV	m	7,637	3,540	27,037,495	708	5,407,499	2,832	21,629,996
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m	1,688	380	640,646	76	128,129	304	512,517
	type-EVI	m	11,450	124	1,420,571	25	284,114	99	1,136,457
	Field Canal	m	16,660	230	3,831,800	46	766,360	184	3,065,440
	Drainage Canal	m	2,040	140	285,600	28	57,120	112	228,480
	Sub-total		41,550		42,096,360		8,419,272		33,677,088
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	3	46,733	140,200	9,347	28,040	37,387
		type-IItt	nos	39	27,043	1,054,681	5,409	210,936	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	4	54,504	218,017	10,901	43,603	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	1	38,732	38,732	7,746	7,746	30,986
2-5	Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	3	70,127	210,381	14,025	42,076	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	2	46,902	93,803	9,380	18,761	37,521
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	12	120,420	1,445,046	24,084	289,009	96,336
2-8	Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	1	45,653	45,653	9,131	9,131	36,523
2-10	Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIsS	nos	263	4,445	1,169,139	889	233,828	3,556
	Sub-total		331		4,465,362		893,072		3,572,290
<b>3. Small Tanks</b>									
	Oluwila Tank	LS	1	1,500,000	1,500,000	300,000	300,000	1,200,000	1,200,000
	Sub-total				1,500,000		300,000		1,200,000
<b>Total</b>					<b>48,061,722</b>		<b>9,612,344</b>		<b>38,449,378</b>

App. 2.5-6 Construction Cost for Walawe RB Sub-Scheme

(5/5)

WR-5 Other Canals (Lunania/Dawage/D-32/New Canals)

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	14,000	124	1,736,943	25	347,389	99	1,389,554
Field Canal	m	8,460	230	1,945,800	46	389,160	184	1,556,640
Drainage Canal	m	11,280	140	1,579,200	28	315,840	112	1,263,360
Sub-total		33,740		5,261,943		1,052,389		4,209,554
<b>2. Canal Structures</b>								
2-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	24	27,043	5,409	129,807	21,634	519,227
2-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	2	54,504	10,901	21,802	43,603	87,207
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	1	38,732	7,746	7,746	30,986	30,986
2-5 Under Crossin	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	2	70,127	14,025	28,051	56,102	112,203
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	1	46,902	9,380	9,380	37,521	37,521
2-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	7	120,420	24,084	168,589	96,336	674,355
2-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	4	14,235	2,847	11,388	11,388	45,553
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
	type-IIs	nos	10,189	0	2,038	0	8,151	0
	type-IIIs	nos	280	4,445	889	248,942	3,556	995,769
Sub-total		321		3,128,526		625,705		2,502,821
<b>Total</b>				<b>8,390,469</b>		<b>1,678,094</b>		<b>6,712,375</b>
<b>WR-6 Farm Road</b>								
Farm Road	m	12,000	562	6,743,259	112	1,348,652	450	5,394,607
Bridges		3	232,961	698,883	46,592	139,777	186,369	559,106
<b>Total</b>				<b>7,442,141</b>		<b>1,488,428</b>		<b>5,953,713</b>
<b>Walawe RB Total</b>				<b>192,939,792</b>		<b>38,587,958</b>		<b>154,351,834</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(1/20)

M-1 LB Main Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
				Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>										
	type-LI	m		8,097	0	1,619	0	6,478	0	
	type-LII	m	5,635	6,198	34,925,570	1,240	6,985,114	4,958	27,940,456	
	type-LIII	m	1,176	5,558	6,536,575	1,112	1,307,315	4,447	5,229,260	
	type-LIV	m		4,280	0	856	0	3,424	0	
	type-LV	m		3,540	0	708	0	2,832	0	
	type-LVI	m		2,639	0	528	0	2,111	0	
	type-EIa	m		1,144	0	229	0	915	0	
	type-EIb	m		963	0	193	0	771	0	
	type-EII	m	5,970	610	3,641,181	122	728,236	488	2,912,945	
	type-EIII	m	1,532	577	884,181	115	176,836	462	707,345	
	type-EIV	m		511	0	102	0	409	0	
	type-EV	m		380	0	76	0	304	0	
	type-EVI	m		124	0	25	0	99	0	
	Aqueduct	m	130	100,000	13,000,000	20,000	2,600,000	80,000	10,400,000	
	Sub-total		14,443		58,987,506		11,797,501		47,190,005	
<b>2. Canal Structures</b>										
2-1	Intake	type-li	nos	2	391,436	782,873	78,287	156,575	313,149	626,298
		type-III	nos		148,993	0	29,799	0	119,194	0
2-2	Turnout	type-It	nos	2	46,733	93,467	9,347	18,693	37,387	74,773
		type-III	nos	6	27,043	162,259	5,409	32,452	21,634	129,807
2-3	Regulator	type-Ir	nos	2	73,104	146,208	14,621	29,242	58,483	116,967
		type-Ir	nos		54,504	0	10,901	0	43,603	0
2-4	Drop	type-Id	nos	1	93,900	93,900	18,780	18,780	75,120	75,120
		type-IId	nos		38,732	0	7,746	0	30,986	0
2-5	Under Crossing	type-Iu	nos	9	75,429	678,863	15,086	135,773	60,343	543,090
		type-IHu	nos		70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos		93,803	0	18,761	0	75,043	0
		type-IIw	nos	2	46,902	93,803	9,380	18,761	37,521	75,043
2-7	Over Bridge	type-Io	nos		232,961	0	46,592	0	186,369	0
		type-IIo	nos	21	120,420	2,528,830	24,084	505,766	96,336	2,023,064
2-8	Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991	16,991
		type-IIp	nos		14,235	0	2,847	0	11,388	0
2-9	Aqueduct	type-Ia	nos		3,199,921	0	639,984	0	2,559,937	0
		type-IIa	nos		45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos		12,135	0	2,427	0	9,708	0
		type-IIs	nos	151	10,189	1,538,486	2,038	307,697	8,151	1,230,789
		type-IIIs	nos		4,445	0	889	0	3,556	0
	Sub-total			197		6,139,927		1,227,985		4,911,942
<b>Total</b>					<b>65,127,434</b>		<b>13,025,487</b>		<b>52,101,947</b>	



## App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

## M-2 LB Tract I

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>I. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	15,000	2,639	39,589,368	528	7,917,874	2,111	31,671,495
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	11,400	124	1,414,368	25	282,874	99	1,131,494
	Field Canal	m	17,000	230	3,910,000	46	782,000	184	3,128,000
	Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
	Sub-total		51,900		46,103,736		9,220,747		36,882,989
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-lli	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-lt	nos	46,733	0	9,347	0	37,387	0
		type-ltt	nos	80	27,043	2,163,447	5,409	432,689	21,634
2-3	Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
		type-lrr	nos	10	54,504	545,043	10,901	109,009	43,603
2-4	Drop	type-ls	nos	93,900	0	18,780	0	75,120	0
		type-lsd	nos	10	38,732	387,322	7,746	77,464	30,986
2-5	Under Crossing	type-lu	nos	75,429	0	15,086	0	60,343	0
		type-luu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
		type-lww	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-lo	nos	232,961	0	46,592	0	186,369	0
		type-llo	nos	10	120,420	1,204,205	24,084	240,841	96,336
2-8	Parshall Flume	type-lp	nos	21,239	0	4,248	0	16,991	0
		type-lpp	nos	5	14,235	71,176	2,847	14,235	11,388
2-9	Aqueduct	type-la	nos	3,199,921	0	639,984	0	2,559,937	0
		type-laa	nos	5	45,653	228,267	9,131	45,653	36,523
2-10	Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
		type-lss	nos	10,189	0	2,038	0	8,151	0
		type-lsss	nos	228	4,445	1,013,550	889	202,710	3,556
	Sub-total		348		5,613,011		1,122,602		4,490,409
<b>Total</b>					<b>51,716,747</b>		<b>10,343,349</b>		<b>41,373,398</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(3 / 20)

M-3 Tract II, D-1 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m	2,987	3,540	10,574,964	708	2,114,993	2,832	8,459,971
	type-LVI	m	1,517	2,639	4,003,805	528	800,761	2,111	3,203,044
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	5,970	230	1,373,100	46	274,620	184	1,098,480
	Drainage Canal	m	2,990	140	418,600	28	83,720	112	334,880
	Sub-total		13,464		16,370,469		3,274,094		13,096,375
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-lII	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-II	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	21	27,043	567,905	5,409	113,581	21,634
		type-IIr	nos	9	73,104	14,621	0	58,483	0
2-3	Regulator	type-Ir	nos	54,504	490,539	10,901	98,108	43,603	392,431
		type-Ir	nos	9	54,504	490,539	10,901	98,108	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	10	38,732	387,322	7,746	77,464	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IUu	nos	1	70,127	70,127	14,025	14,025	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IWw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Io	nos	8	120,420	963,364	24,084	192,673	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ip	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Ia	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	4,445	0	889	0	3,556	0
	Sub-total		50		2,493,491		498,698		1,994,793
<b>Total</b>					<b>18,863,960</b>		<b>3,772,792</b>		<b>15,091,168</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(4 / 20)

M-4 Tract II, D-2 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Forein Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-I.I	m		8,097	0	1,619	0	6,478	0
	type-I.II	m		6,198	0	1,240	0	4,958	0
	type-L.III	m		5,558	0	1,112	0	4,447	0
	type-L.IV	m		4,280	0	856	0	3,424	0
	type-L.V	m		3,540	0	708	0	2,832	0
	type-L.VI	m		2,639	0	528	0	2,111	0
	type-E.Ia	m		1,144	0	229	0	915	0
	type-E.Ib	m		963	0	193	0	771	0
	type-E.II	m		610	0	122	0	488	0
	type-E.III	m		577	0	115	0	462	0
	type-E.IV	m		511	0	102	0	409	0
	type-E.V	m		380	0	76	0	304	0
	type-E.VI	m	1,500	124	186,101	25	37,220	99	148,881
	Field Canal	m	760	230	174,800	46	34,960	184	139,840
	Drainage Canal	m	380	140	53,200	28	10,640	112	42,560
	Sub-total		2,640		414,101		82,820		331,281
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-IIi	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IIIt	nos	10 27,043	270,431	5,409	54,086	21,634	216,345
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Ir	nos	7 54,504	381,530	10,901	76,306	43,603	305,224
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	7 38,732	271,125	7,746	54,225	30,986	216,900
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Io	nos	3 120,420	361,261	24,084	72,252	96,336	289,009
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ip	nos	1 14,235	14,235	2,847	2,847	11,388	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Ia	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-IIs	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	30 4,445	133,362	889	26,672	3,556	106,690
	Sub-total		58		1,431,945		286,389		1,145,556
<b>Total</b>					<b>1,816,046</b>		<b>369,209</b>		<b>1,476,837</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(5/20)

M-5 Tract II, D-3 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	600	124	74,440	25	14,888	99	59,552
	Field Canal	m	1,070	230	246,100	46	49,220	184	196,880
	Drainage Canal	m	530	140	74,200	28	14,840	112	59,360
	Sub-total		2,200		394,740		78,948		315,792
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	10	27,043	270,431	5,409	54,086	21,634
									216,345
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	2	54,504	109,009	10,901	21,802	43,603
									87,207
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	10	38,732	387,322	7,746	77,464	30,986
									309,857
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	4	120,420	481,682	24,084	96,336	96,336
									385,345
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
									11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIIs	nos	12	4,445	53,345	889	10,669	3,556
									42,676
	Sub-total		39		1,316,023		263,205		1,052,818
<b>Total</b>					<b>1,710,763</b>		<b>342,153</b>		<b>1,368,611</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(6 / 20)

M-6 Tract II, D-4 Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-Lf	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	800	124	99,254	25	19,851	99	79,403
Field Canal	m	1,340	230	308,200	46	61,640	184	246,560
Drainage Canal	m	670	140	93,800	28	18,760	112	75,040
Sub-total		2,810		501,254		100,251		401,003
<b>2. Canal Structures</b>								
2-1 Intake	type-II	nos	391,436	0	78,287	0	313,149	0
	type-III	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-II	nos	46,733	0	9,347	0	37,387	0
	type-II	nos	9	27,043	243,388	5,409	48,678	21,634
2-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Ir	nos	3	54,504	163,513	10,901	32,703	43,603
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-Id	nos	3	38,732	116,197	7,746	23,239	30,986
2-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iu	nos		70,127	0	14,025	0	56,102
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iw	nos		46,902	0	9,380	0	37,521
2-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Io	nos	3	120,420	361,261	24,084	72,252	96,336
2-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ip	nos	1	14,235	14,235	2,847	2,847	11,388
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Ia	nos		45,653	0	9,131	0	36,523
2-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-IIs	nos		10,189	0	2,038	0	8,151
	type-IIIs	nos	16	4,445	71,126	889	14,225	3,556
Sub-total		35		969,720		193,944		775,776
<b>Total</b>				<b>1,470,974</b>		<b>294,195</b>		<b>1,176,779</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(7/20)

M-7 Tract II, D-5 Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>I. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	400	124	49,627	25	9,925	99	39,702
Field Canal	m	450	230	103,500	46	20,700	184	82,800
Drainage Canal	m	900	140	126,000	28	25,200	112	100,800
Sub-total		1,750		279,127		55,825		223,302
<b>2. Canal Structures</b>								
2-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-Iit	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	5	27,043	135,215	5,409	27,043	21,634
								108,172
2-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	2	54,504	109,009	10,901	21,802	43,603
								87,207
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	2	38,732	77,464	7,746	15,493	30,986
								61,971
2-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	70,127	0	14,025	0	56,102	0
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	1	120,420	120,420	24,084	24,084	96,336
								96,336
2-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
								11,388
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-Iss	nos	10,189	0	2,038	0	8,151	0
	type-Isss	nos	8	4,445	35,563	889	7,113	3,556
								28,451
Sub-total		19		491,907		98,381		393,526
<b>Total</b>				<b>771,034</b>		<b>154,207</b>		<b>616,827</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(8/20)

M-8 Tract II, D-6 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,100	124	136,474	25	27,295	99	109,179
	Field Canal	m	2,400	230	552,000	46	110,400	184	441,600
	Drainage Canal	m	1,200	140	168,000	28	33,600	112	134,400
	Sub-total		4,700		856,474		171,295		685,179
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-III	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
		type-III	nos	12	27,043	324,517	5,409	64,903	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Ir	nos	3	54,504	163,513	10,901	32,703	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	3	38,732	116,197	7,746	23,239	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iu	nos	2	70,127	140,254	14,025	28,051	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iw	nos	1	46,902	46,902	9,380	37,521	37,521
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Io	nos	2	120,420	240,841	24,084	48,168	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ip	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Ia	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Ic	nos	12,135	0	2,427	0	9,708	0
		type-Ic	nos	10,189	0	2,038	0	8,151	0
		type-IIIc	nos	22	4,445	97,799	889	19,560	78,239
	Sub-total		46		1,144,257		228,851		915,406
<b>Total</b>					<b>2,000,731</b>		<b>400,146</b>		<b>1,600,585</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(9/20)

M-9 Tract II, D-7 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	ni	750	124	93,051	25	18,610	99	74,440
	Field Canal	ni	1,260	230	289,800	46	57,960	184	231,840
	Drainage Canal	m	630	140	88,200	28	17,640	112	70,560
	Sub-total		2,640		471,051		94,210		376,840
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-IIi	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IIIt	nos	14	27,043	378,603	5,409	75,721	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Ir	nos	1	54,504	54,504	10,901	10,901	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IIId	nos	1	38,732	38,732	7,746	7,746	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IIu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IIw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-IIo	nos	1	120,420	120,420	24,084	24,084	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-IIp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-IIa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-IIss	nos	10,189	0	2,038	0	8,151	0
		type-IIIss	nos	15	4,445	66,681	889	13,336	3,556
	Sub-total		33		673,176		134,635		538,541
<b>Total</b>					<b>1,144,227</b>		<b>228,845</b>		<b>915,382</b>



App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(10 / 20)

M-10 Tract II, D-8 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
				Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>										
	type-LI	m		8,097	0	1,619	0	6,478	0	
	type-LII	m		6,198	0	1,240	0	4,958	0	
	type-LIII	m		5,558	0	1,112	0	4,447	0	
	type-LIV	m		4,280	0	856	0	3,424	0	
	type-LV	m		3,540	0	708	0	2,832	0	
	type-LVI	m	2,450	2,639	6,466,264	528	1,293,253	2,111	5,173,011	
	type-EIa	m		1,144	0	229	0	915	0	
	type-EIb	m		963	0	193	0	771	0	
	type-EII	m		610	0	122	0	488	0	
	type-EIII	m		577	0	115	0	462	0	
	type-EIV	m		511	0	102	0	409	0	
	type-EV	m		380	0	76	0	304	0	
	type-EVI	m		124	0	25	0	99	0	
	Field Canal	m	2,880	230	662,400	46	132,480	184	529,920	
	Drainage Canal	m	1,440	140	201,600	28	40,320	112	161,280	
	Sub-total		6,770		7,330,264		1,466,053		5,864,211	
<b>2. Canal Structures</b>										
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0	
		type-III	nos	148,993	0	29,799	0	119,194	0	
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0	
		type-III	nos	20	27,043	540,862	5,409	108,172	21,634	432,689
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0	
		type-Irr	nos	6	54,504	327,026	10,901	65,405	43,603	261,621
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0	
		type-IId	nos	6	38,732	232,393	7,746	46,479	30,986	185,914
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0	
		type-Iuu	nos	4	70,127	280,508	14,025	56,102	56,102	224,406
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0	
		type-Iww	nos	2	46,902	93,803	9,380	18,761	37,521	75,043
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0	
		type-Ioo	nos	4	120,420	481,682	24,084	96,336	96,336	385,345
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0	
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0	
		type-Iaa	nos	45,653	0	9,131	0	36,523	0	
2-10	Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0	
		type-IIs	nos	10,189	0	2,038	0	8,151	0	
		type-IIIs	nos	4,445	0	889	0	3,556	0	
	Sub-total		43		1,970,509		394,102		1,576,407	
<b>Total</b>					<b>9,300,773</b>		<b>1,860,155</b>		<b>7,440,618</b>	

## App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

## M-11 Tract II, D-9 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	3,230	2,639	8,524,911	528	1,704,982	2,111	6,819,929
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	5,860	230	1,347,800	46	269,560	184	1,078,240
	Drainage Canal	m	2,930	140	410,200	28	82,040	112	328,160
	Sub-total		12,020		10,282,911		2,056,582		8,226,329
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-II	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	18	27,043	486,776	5,409	97,355	21,634
		type-IIt	nos	18	27,043	486,776	5,409	97,355	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	17	54,504	926,573	10,901	185,315	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	17	38,732	658,447	7,746	131,689	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	5	70,127	350,635	14,025	70,127	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	3	46,902	140,705	9,380	28,141	37,521
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	7	120,420	842,943	24,084	168,589	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Ib	nos	12,135	0	2,427	0	9,708	0
		type-Ibs	nos	10,189	0	2,038	0	8,151	0
		type-Ibss	nos	4,445	0	889	0	3,556	0
	Sub-total		68		3,420,314		684,063		2,736,251
<b>Total</b>					<b>13,703,225</b>		<b>2,740,645</b>		<b>10,962,580</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(12/20)

M-12 Tract III, D-1 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
				Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>										
	type-LI	m		8,097	0	1,619	0	6,478	0	
	type-LII	m		6,198	0	1,240	0	4,958	0	
	type-LIII	m		5,558	0	1,112	0	4,447	0	
	type-LIV	m	4,934	4,280	21,115,730	856	4,223,146	3,424	16,892,584	
	type-LV	m	2,344	3,540	8,298,532	708	1,659,706	2,832	6,638,826	
	type-LVI	m		2,639	0	528	0	2,111	0	
	type-EIa	m		1,144	0	229	0	915	0	
	type-EIb	m		963	0	193	0	771	0	
	type-EII	m		610	0	122	0	488	0	
	type-EIII	m		577	0	115	0	462	0	
	type-EIV	m		511	0	102	0	409	0	
	type-EV	m		380	0	76	0	304	0	
	type-EVI	m	1,472	124	182,627	25	36,525	99	146,102	
	Field Canal	m	11,440	230	2,631,200	46	526,240	184	2,104,960	
	Drainage Canal	m	5,720	140	800,800	28	160,160	112	640,640	
	Sub-total		25,910		33,028,889		6,605,778		26,423,111	
<b>2. Canal Structures</b>										
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0	
		type-III	nos	148,993	0	29,799	0	119,194	0	
2-2	Turnout	type-It	nos	46,733	0	9,347	0	37,387	0	
		type-III	nos	42	27,043	1,135,810	5,409	227,162	21,634	908,648
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0	
		type-IIr	nos	27	54,504	1,471,617	10,901	294,323	43,603	1,177,293
2-4	Drop	type-Id	nos	1	93,900	93,900	18,780	18,780	75,120	75,120
		type-IId	nos	22	38,732	852,108	7,746	170,422	30,986	681,686
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0	
		type-IIu	nos	3	70,127	210,381	14,025	42,076	56,102	168,305
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0	
		type-IIw	nos	46,902	0	9,380	0	37,521	0	
2-7	Over Bridge	type-Io	nos	5	232,961	1,164,804	46,592	232,961	186,369	931,844
		type-IIo	nos	10	120,420	1,204,205	24,084	240,841	96,336	963,364
2-8	Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991	16,991
		type-IIp	nos	1	14,235	14,235	2,847	2,847	11,388	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0	
		type-IIa	nos	45,653	0	9,131	0	36,523	0	
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0	
		type-IIs	nos	10,189	0	2,038	0	8,151	0	
		type-IIIs	nos	30	4,445	133,362	889	26,672	3,556	106,690
	Sub-total		142		6,301,660		1,260,332		5,041,328	
<b>Total</b>					<b>39,330,549</b>		<b>7,866,110</b>		<b>31,464,440</b>	

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(13/20)

M-13 Tract III, D-2 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	2,214	2,639	5,843,391	528	1,168,678	2,111	4,674,713
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	2,860	230	657,800	46	131,560	184	526,240
	Drainage Canal	m	1,430	140	200,200	28	40,040	112	160,160
	Sub-total		6,504		6,701,391		1,340,278		5,361,113
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-Iit	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	11	27,043	297,474	5,409	59,495	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	15	54,504	817,565	10,901	163,513	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	15	38,732	580,983	7,746	116,197	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	3	120,420	361,261	24,084	72,252	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIsfs	nos	4,445	0	889	0	3,556	0
	Sub-total		45		2,071,518		414,304		1,657,214
<b>Total</b>					<b>8,772,909</b>		<b>1,754,582</b>		<b>7,018,327</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(14/20)

M-15 Tract III, D-3 Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	1,320	124	163,769	25	32,754	99	131,015
Field Canal	m	2,140	230	492,200	46	98,440	184	393,760
Drainage Canal	m	1,070	140	149,800	28	29,960	112	119,840
Sub-total		4,530		805,769		161,154		644,615
<b>2. Canal Structures</b>								
2-1 Intake	type-li	nos	391,436	0	78,287	0	313,149	0
	type-lII	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-lt	nos	46,733	0	9,347	0	37,387	0
	type-lIt	nos	9	27,043	243,388	5,409	48,678	21,634
2-3 Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
	type-lr	nos	1	54,504	54,504	10,901	10,901	43,603
2-4 Drop	type-lr	nos	93,900	0	18,780	0	75,120	0
	type-lId	nos	1	38,732	38,732	7,746	7,746	30,986
2-5 Under Crossing	type-lu	nos	75,429	0	15,086	0	60,343	0
	type-lIu	nos	1	70,127	70,127	14,025	14,025	56,102
2-6 Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
	type-lIw	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-lo	nos	232,961	0	46,592	0	186,369	0
	type-lIo	nos	3	120,420	361,261	24,084	72,252	96,336
2-8 Parshall Flume	type-lp	nos	21,239	0	4,248	0	16,991	0
	type-lIp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9 Aqueduct	type-lfa	nos	3,199,921	0	639,984	0	2,559,937	0
	type-lIa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
	type-lIs	nos	10,189	0	2,038	0	8,151	0
	type-lIIs	nos	27	4,445	120,026	889	24,005	3,556
Sub-total		43		902,274		180,455		721,819
<b>Total</b>				<b>1,708,043</b>		<b>341,609</b>		<b>1,366,434</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(15 / 20)

M-15 Tract III, D-4 Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	650	124	80,644	25	16,129	99	64,515
Field Canal	m	1,670	230	384,100	46	76,820	184	307,280
Drainage Canal	m	830	140	116,200	28	23,240	112	92,960
Sub-total		3,150		580,944		116,189		464,755
<b>2. Canal Structures</b>								
2-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-III	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
	type-III	nos	4	27,043	108,172	5,409	21,634	86,538
2-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	8	54,504	436,035	10,901	87,207	348,828
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	8	38,732	309,857	7,746	61,971	247,886
2-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	70,127	0	14,025	0	56,102	0
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	1	120,420	120,420	24,084	24,084	96,336
2-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
	type-IIs	nos	10,189	0	2,038	0	8,151	0
	type-IIIs	nos	13	4,445	57,790	889	3,556	46,232
Sub-total		35		1,046,510		209,302		837,208
<b>Total</b>				<b>1,627,454</b>		<b>325,491</b>		<b>1,301,963</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(16/20)

M-16 Tract III, D-5 Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	970	124	120,345	25	24,069	99	96,276
Field Canal	m	1,160	230	266,800	46	53,360	184	213,440
Drainage Canal	m	580	140	81,200	28	16,240	112	64,960
Sub-total		2,710		468,345		93,669		374,676
<b>2. Canal Structures</b>								
2-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	9	27,043	243,388	5,409	48,678	21,634
2-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	4	54,504	218,017	10,901	43,603	174,414
2-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	4	38,732	154,929	7,746	30,986	123,943
2-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	70,127	0	14,025	0	56,102	0
2-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	4	120,420	481,682	24,084	96,336	385,345
2-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Ic	nos	12,135	0	2,427	0	9,708	0
	type-Ics	nos	10,189	0	2,038	0	8,151	0
	type-Icsc	nos	20	4,445	88,908	889	17,782	71,126
Sub-total		42		1,201,159		240,232		960,927
<b>Total</b>				<b>1,669,504</b>		<b>333,901</b>		<b>1,335,603</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(17 / 20)

M-17 Tract III, D-6 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,900	124	235,728	25	47,146	99	188,582
	Field Canal	m	2,860	230	657,800	46	131,560	184	526,240
	Drainage Canal	m	1,430	140	200,200	28	40,040	112	160,160
	Sub-total		6,190		1,093,728		218,746		874,982
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IItt	nos	10	27,043	270,431	5,409	54,086	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	1	54,504	54,504	10,901	10,901	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	1	38,732	38,732	7,746	7,746	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	1	70,127	70,127	14,025	14,025	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	2	120,420	240,841	24,084	48,168	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	38	4,445	168,925	889	33,785	135,140
	Sub-total		54		857,796		171,559		686,236
<b>Total</b>					<b>1,951,524</b>		<b>390,305</b>		<b>1,561,219</b>



App. 2.5-7 Construction Cost for Muruthawela I.B Sub-Scheme

(18/20)

M-18 Tract III, D-7 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,100	124	136,474	25	27,295	99	109,179
	Field Canal	m	1,380	230	317,400	46	63,480	184	253,920
	Drainage Canal	m	690	140	96,600	28	19,320	112	77,280
	Sub-total		3,170		550,474		110,095		440,379
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IIIt	nos	12	27,043	324,517	5,409	64,903	21,634
2-3	Regulator	type-IIt	nos	73,104	0	14,621	0	58,483	0
		type-IIIt	nos	6	54,504	327,026	10,901	65,405	43,603
2-4	Drop	type-IId	nos	93,900	0	18,780	0	75,120	0
		type-IIId	nos	6	38,732	232,393	7,746	46,479	30,986
2-5	Under Crossing	type-IU	nos	75,429	0	15,086	0	60,343	0
		type-IUu	nos	4	70,127	280,508	14,025	56,102	224,406
2-6	Spillway	type-IW	nos	93,803	0	18,761	0	75,043	0
		type-IWw	nos	2	46,902	93,803	9,380	18,761	37,521
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	4	120,420	481,682	24,084	96,336	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	22	4,445	97,799	889	19,560	3,556
	Sub-total		57		1,851,963		370,393		1,481,570
<b>Total</b>					<b>2,402,437</b>		<b>480,487</b>		<b>1,921,950</b>

App. 2.5-7 Construction Cost for Muruthawela LB Sub-Scheme

(19 / 20)

M-19 Tract III, D-8 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,200	124	148,881	25	29,776	99	119,105
	Field Canal	m	2,510	230	577,300	46	115,460	184	461,840
	Drainage Canal	m	1,250	140	175,000	28	35,000	112	140,000
	Sub-total		4,960		901,181		180,236		720,945
<b>2. Canal Structures</b>									
2-1	Intake	type-II	nos	391,436	0	78,287	0	313,149	0
		type-III	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-II	nos	46,733	0	9,347	0	37,387	0
		type-II	nos	27,043	216,345	5,409	43,269	21,634	173,076
2-3	Regulator	type-III	nos	73,104	0	14,621	0	58,483	0
		type-III	nos	54,504	218,017	10,901	43,603	43,603	174,414
2-4	Drop	type-III	nos	93,900	0	18,780	0	75,120	0
		type-III	nos	38,732	154,929	7,746	30,986	30,986	123,943
2-5	Under Crossing	type-III	nos	75,429	0	15,086	0	60,343	0
		type-III	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-III	nos	93,803	0	18,761	0	75,043	0
		type-III	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-III	nos	232,961	0	46,592	0	186,369	0
		type-III	nos	120,420	240,841	24,084	48,168	96,336	192,673
2-8	Parshall Flume	type-III	nos	21,239	0	4,248	0	16,991	0
		type-III	nos	14,235	14,235	2,847	2,847	11,388	11,388
2-9	Aqueduct	type-III	nos	3,199,921	0	639,984	0	2,559,937	0
		type-III	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-III	nos	12,135	0	2,427	0	9,708	0
		type-III	nos	10,189	0	2,038	0	8,151	0
		type-III	nos	4,445	106,690	889	21,338	3,556	85,352
	Sub-total		43		951,056		190,211		760,845
<b>Total</b>					<b>1,852,237</b>		<b>370,447</b>		<b>1,481,790</b>

App. 2.5-7 Construction Cost for Muruthawela I.B Sub-Scheme

(20 / 20)

M-20 Tract III, D-9 Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	500	124	62,034	25	12,407	99	49,627
	Field Canal	m	1,620	230	372,600	46	74,520	184	298,080
	Drainage Canal	m	810	140	113,400	28	22,680	112	90,720
	Sub-total		2,930		548,034		109,607		438,427
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-III	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-III	nos	5	27,043	5,409	27,043	21,634	108,172
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Ir	nos	1	54,504	54,504	10,901	10,901	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	1	38,732	38,732	7,746	7,746	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Io	nos	1	120,420	120,420	24,084	24,084	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ip	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Ia	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10	10,189	101,886	2,038	20,377	81,509
		type-IIIs	nos	4,445	0	889	0	3,556	0
	Sub-total		19		464,994		92,999		371,995
<b>Total</b>					<b>1,013,028</b>		<b>202,606</b>		<b>810,422</b>
I.B Main					65,127,434		13,025,487		52,101,947
Tract I total					51,716,747		10,343,349		41,373,398
Tract II total					50,811,733		10,162,347		40,649,387
Tract III total					60,327,684		12,065,537		48,262,148
<b>Total</b>					<b>227,983,599</b>		<b>45,596,720</b>		<b>182,386,879</b>

## App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(1/16)

### U-1 Raluwa Nawarathie Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	3,700	2,639	9,765,378	528	1,953,076	2,111	7,812,302
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	1,560	230	358,800	46	71,760	184	287,040
Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
Sub-total		13,760		11,314,178		2,262,836		9,051,342
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-1 Gate	nos		1,103	0	221	0	882	0
2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				0	0	0	0	0
<b>3. Canal Structures</b>								
3-1 Intake	type-li	nos	391,436	0	78,287	0	313,149	0
	type-lli	nos	148,993	148,993	29,799	29,799	119,194	119,194
3-2 Turnout	type-lft	nos	46,733	0	9,347	0	37,387	0
	type-llt	nos	27,043	216,345	5,409	43,269	21,634	173,076
3-3 Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
	type-llr	nos	54,504	109,009	10,901	21,802	43,603	87,207
3-4 Drop	type-lf	nos	93,900	0	18,780	0	75,120	0
	type-llf	nos	38,732	232,393	7,746	46,479	30,986	185,914
3-5 Under Crossing	type-lu	nos	75,429	0	15,086	0	60,343	0
	type-llu	nos	70,127	0	14,025	0	56,102	0
3-6 Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
	type-llw	nos	46,902	93,803	9,380	18,761	37,521	75,043
3-7 Over Bridge	type-lo	nos	232,961	0	46,592	0	186,369	0
	type-lllo	nos	120,420	240,841	24,084	48,168	96,336	192,673
3-8 Parshall Flume	type-lp	nos	21,239	0	4,248	0	16,991	0
	type-llp	nos	14,235	14,235	2,847	2,847	11,388	11,388
3-9 Aqueduct	type-la	nos	3,199,921	0	639,984	0	2,559,937	0
	type-lla	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
	type-lls	nos	10,189	0	2,038	0	8,151	0
	type-llls	nos	4,445	0	889	0	3,556	0
Sub-total		22		1,055,619		211,124		844,495
<b>Total</b>				<b>12,369,796</b>		<b>2,473,959</b>		<b>9,895,837</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(2/16)

U-2 Kinchigune Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	1,500	2,639	3,958,937	528	791,787	2,111	3,167,149
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	3,600	124	446,642	25	89,328	99	357,314
Field Canal	m	4,530	230	1,041,900	46	208,380	184	833,520
Drainage Canal	m	3,020	140	422,800	28	84,560	112	338,240
Sub-total		12,650		5,870,279		1,174,056		4,696,223
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-1 Gate	nos		1,103	0	221	0	882	0
2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total						0		0
<b>3. Canal Structures</b>								
3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-III	nos	1	148,993	148,993	29,799	29,799	119,194
3-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
	type-III	nos	13	27,043	351,560	5,409	70,312	281,248
3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	3	54,504	163,513	10,901	32,703	130,810
3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	2	38,732	77,464	7,746	15,493	30,986
3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	70,127	0	14,025	0	56,102	0
3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	1	46,902	46,902	9,380	9,380	37,521
3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	5	120,420	602,102	24,084	120,420	481,682
3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-Ib	nos	12,135	0	2,427	0	9,708	0
	type-Ibs	nos	10,189	0	2,038	0	8,151	0
	type-Ibs	nos	72	4,445	320,069	889	64,014	256,055
Sub-total		98		1,724,838		344,968		1,379,870
<b>Total</b>				<b>7,595,117</b>		<b>1,519,023</b>		<b>6,076,094</b>

App. 2.5-8 Construction Cost for Urabokka Oya Sub-Scheme

(3/16)

U-3 Udukiriwila Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	1,600	2,639	4,222,866	528	844,573	2,111	3,378,293
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	1,000	124	124,067	25	24,813	99	99,254
Field Canal	m	6,360	230	1,462,800	46	292,560	184	1,170,240
Drainage Canal	m	4,240	140	593,600	28	118,720	112	474,880
Sub-total		13,200		6,403,333		1,280,667		5,122,667
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-1 Gate	nos		1,103	0	221	0	882	0
2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				252,425		50,485		201,940
<b>3. Canal Structures</b>								
3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	3	148,993	446,978	29,799	89,396	119,194
3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	12	27,043	324,517	5,409	64,903	21,634
3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	6	54,504	327,026	10,901	65,405	43,603
3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	3	38,732	116,197	7,746	23,239	30,986
3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	3	70,127	210,381	14,025	42,076	56,102
3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	3	46,902	140,705	9,380	28,141	37,521
3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	3	120,420	361,261	24,084	72,252	96,336
3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	3	14,235	42,706	2,847	8,541	11,388
3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-Iss	nos	10,189	0	2,038	0	8,151	0
	type-Isss	nos	22	4,445	97,799	889	19,560	3,556
Sub-total		58		2,067,569		413,514		1,654,056
<b>Total</b>				<b>8,773,813</b>		<b>1,946,606</b>		<b>6,827,207</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(4/16)

U-4 Wakamulla Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m	3,000	3,540	10,620,988	708	2,124,198	2,832	8,496,790
	type-LVI	m	5,000	2,639	13,196,456	528	2,639,291	2,111	10,557,165
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	2,500	124	310,168	25	62,034	99	248,135
	Field Canal	m	4,700	230	1,081,000	46	216,200	184	864,800
	Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
	Sub-total		23,700		26,398,613		5,279,723		21,118,890
<b>2. Anicut</b>									
2-1	Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-1	Gate	nos	5	1,103	5,513	221	1,103	882	4,410
2-3	Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
2-4	Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				257,938		51,588		206,350
<b>3. Canal Structures</b>									
3-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
3-2	Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
		type-Iit	nos	20	27,043	540,862	5,409	108,172	21,634
3-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	4	54,504	218,017	10,901	43,603	174,414
3-4	Drop	type-IId	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	2	38,732	77,464	7,746	15,493	30,986
3-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	3	70,127	210,381	14,025	42,076	56,102
3-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	2	46,902	93,803	9,380	18,761	37,521
3-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	10	120,420	1,204,205	24,084	240,841	96,336
3-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
3-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10	Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	50	4,445	222,270	889	44,454	3,556
	Sub-total		95		2,893,458		578,692		2,314,766
<b>Total</b>					<b>29,601,596</b>		<b>6,116,352</b>		<b>23,485,244</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(5/16)

U-5 Hunnakumbura Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	1,400	2,639	3,695,008	528	739,002	2,111	2,956,006
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	800	124	99,254	25	19,851	99	79,403
	Field Canal	m	4,860	230	1,117,800	46	223,560	184	894,240
	Drainage Canal	m	3,240	140	453,600	28	90,720	112	362,880
	Sub-total		10,300		5,365,662		1,073,132		4,292,529
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-1 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				257,938		51,588		206,350
<b>3. Canal Structures</b>									
	3-1 Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-lII	nos	2	148,993	297,985	29,799	59,597	119,194
	3-2 Turnout	type-lI	nos	46,733	0	9,347	0	37,387	0
		type-lIt	nos	11	27,043	297,474	5,409	59,495	21,634
	3-3 Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
		type-lIrr	nos	6	54,504	327,026	10,901	65,405	43,603
	3-4 Drop	type-lId	nos	93,900	0	18,780	0	75,120	0
		type-lId	nos	3	38,732	116,197	7,746	23,239	30,986
	3-5 Under Crossing	type-lIu	nos	75,429	0	15,086	0	60,343	0
		type-lIu	nos	4	70,127	280,508	14,025	56,102	56,102
	3-6 Spillway	type-lIw	nos	93,803	0	18,761	0	75,043	0
		type-lIw	nos	1	46,902	46,902	9,380	9,380	37,521
	3-7 Over Bridge	type-lIo	nos	232,961	0	46,592	0	186,369	0
		type-lIo	nos	2	120,420	240,841	24,084	48,168	96,336
	3-8 Parshall Flume	type-lIp	nos	21,239	0	4,248	0	16,991	0
		type-lIp	nos	2	14,235	28,470	2,847	5,694	11,388
	3-9 Aqueduct	type-lIa	nos	3,199,921	0	639,984	0	2,559,937	0
		type-lIa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-lIs	nos	12,135	0	2,427	0	9,708	0
		type-lIs	nos	10,189	0	2,038	0	8,151	0
		type-lIIs	nos	16	4,445	71,126	889	14,225	56,901
	Sub-total		47		1,706,529		341,306		1,365,223
<b>Total</b>					<b>7,381,716</b>		<b>1,672,376</b>		<b>5,709,340</b>



App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(6/16)

U-6 Hakuruwela Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m	1,500	3,540	5,310,494	708	1,062,099	2,832	4,248,395
	type-LVI	m	6,500	2,639	17,155,393	528	3,431,079	2,111	13,724,314
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	9,500	124	1,178,640	25	235,728	99	942,912
	Field Canal	m	10,590	230	2,435,700	46	487,140	184	1,948,560
	Drainage Canal	m	7,060	140	988,400	28	197,680	112	790,720
	Sub-total		35,150		27,068,627		5,413,725		21,654,902
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-1 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				257,938		51,588		206,350
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
	3-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
		type-Iii	nos	43	27,043	1,162,853	5,409	232,571	21,634
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	11	54,504	599,548	10,901	119,910	43,603
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	3	38,732	116,197	7,746	23,239	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	3	70,127	210,381	14,025	42,076	56,102
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	2	46,902	93,803	9,380	18,761	37,521
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	8	120,420	963,364	24,084	192,673	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	190	4,445	844,625	889	168,925	3,556
	Sub-total		264		4,317,226		863,445		3,453,781
<b>Total</b>					<b>31,695,378</b>		<b>6,535,108</b>		<b>25,160,270</b>

## App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

## K-7 Andupelena Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-I.I	m		8,097	0	1,619	0	6,478	0
	type-L.II	m		6,198	0	1,240	0	4,958	0
	type-L.III	m		5,558	0	1,112	0	4,447	0
	type-L.IV	m		4,280	0	856	0	3,424	0
	type-L.V	m	2,500	3,540	8,850,823	708	1,770,165	2,832	7,080,659
	type-L.VI	m	1,700	2,639	4,486,795	528	897,359	2,111	3,589,436
	type-E.Ia	m		1,144	0	229	0	915	0
	type-E.Ib	m		963	0	193	0	771	0
	type-E.II	m		610	0	122	0	488	0
	type-E.III	m		577	0	115	0	462	0
	type-E.IV	m		511	0	102	0	409	0
	type-E.V	m		380	0	76	0	304	0
	type-E.VI	m	5,700	124	707,184	25	141,437	99	565,747
	Field Canal	m	17,000	230	3,910,000	46	782,000	184	3,128,000
	Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
	Sub-total		35,400		19,144,802		3,828,960		15,315,842
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-1 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				257,938		51,588		206,350
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-IIi	nos	2	148,993	297,985	59,597	119,194	238,388
	3-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
		type-IIi	nos	33	27,043	892,422	5,409	178,484	21,634
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-IIr	nos	11	54,504	599,548	10,901	119,910	43,603
	3-4 Drop	type-IId	nos	93,900	0	18,780	0	75,120	0
		type-IIId	nos	1	38,732	38,732	7,746	7,746	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IIu	nos	4	70,127	280,508	14,025	56,102	224,406
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IIw	nos	3	46,902	140,705	9,380	28,141	37,521
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-IIo	nos	11	120,420	1,324,625	24,084	264,925	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-IIp	nos	2	14,235	28,470	2,847	5,694	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-IIa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-IIs	nos	12,135	0	2,427	0	9,708	0
		type-IIIs	nos	10,189	0	2,038	0	8,151	0
		type-IIIs	nos	114	4,445	506,775	889	101,355	3,556
	Sub-total		181		4,109,771		821,954		3,287,817
<b>Total</b>					<b>23,564,098</b>		<b>4,908,852</b>		<b>18,655,246</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(8/16)

U-8 Ranna Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	4,500	2,639	11,876,811	528	2,375,362	2,111	9,501,448
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	mi	2,400	124	297,762	25	59,552	99	238,209
	Field Canal	m	17,000	230	3,910,000	46	782,000	184	3,128,000
	Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
	Sub-total		32,400		17,274,572		3,454,914		13,819,658
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-1 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos	1	794,807	794,807	158,961	158,961	635,845	635,845
	Sub-total				1,052,744		210,549		842,195
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
	3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-III	nos	31	27,043	838,336	5,409	167,667	21,634
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	7	54,504	381,530	10,901	76,306	43,603
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	38,732	0	7,746	0	30,986	0
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	7	70,127	490,889	14,025	98,178	56,102
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	1	46,902	46,902	9,380	9,380	37,521
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	5	120,420	602,102	24,084	120,420	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	48	4,445	213,379	889	42,676	3,556
	Sub-total		103		2,899,594		579,919		2,319,675
<b>Total</b>					<b>21,437,459</b>		<b>5,087,577</b>		<b>16,349,882</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(9/16)

U-9 Udukiriwila Tank / Low Level Canal

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	800	2,639	2,111,433	528	422,287	2,111	1,689,146
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,000	124	124,067	25	24,813	99	99,254
	Field Canal	m	1,530	230	351,900	46	70,380	184	281,520
	Drainage Canal	m	1,020	140	142,800	28	28,560	112	114,240
	Sub-total		4,350		2,730,200		546,040		2,184,160
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	0	391,436	0	78,287	0	313,149
		type-lli	nos	1	148,993	148,993	29,799	29,799	119,194
2-2	Turnout	type-lt	nos		46,733	0	9,347	0	37,387
		type-ltt	nos	6	27,043	162,259	5,409	32,452	21,634
2-3	Regulator	type-lr	nos		73,104	0	14,621	0	58,483
		type-lrr	nos	4	54,504	218,017	10,901	43,603	174,414
2-4	Drop	type-ls	nos		93,900	0	18,780	0	75,120
		type-lsd	nos	2	38,732	77,464	7,746	15,493	30,986
2-5	Under Crossing	type-lu	nos		75,429	0	15,086	0	60,343
		type-luu	nos	2	70,127	140,254	14,025	28,051	56,102
2-6	Spillway	type-lw	nos		93,803	0	18,761	0	75,043
		type-lww	nos	2	46,902	93,803	9,380	18,761	37,521
2-7	Over Bridge	type-lo	nos		232,961	0	46,592	0	186,369
		type-llo	nos	2	120,420	240,841	24,084	48,168	96,336
2-8	Parshall Flume	type-lp	nos		21,239	0	4,248	0	16,991
		type-lpp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-la	nos		3,199,921	0	639,984	0	2,559,937
		type-laa	nos		45,653	0	9,131	0	36,523
2-10	Canal Section	type-ls	nos		12,135	0	2,427	0	9,708
		type-lss	nos		10,189	0	2,038	0	8,151
		type-lsss	nos	20	4,445	88,908	889	17,782	3,556
	Sub-total		40		1,184,774		236,955		947,819
<b>Total</b>					<b>3,914,975</b>		<b>782,995</b>		<b>3,131,980</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(10 / 16)

U-10 High Level Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>									
type-LI	m		8,097	0	1,619	0	6,478	0	
type-LII	m		6,198	0	1,240	0	4,958	0	
type-LIII	m		5,558	0	1,112	0	4,447	0	
type-LIV	m		4,280	0	856	0	3,424	0	
type-LV	m	3,900	3,540	13,807,284	708	2,761,457	2,832	11,045,828	
type-LVI	m	10,100	2,639	26,656,841	528	5,331,368	2,111	21,325,473	
type-EIa	m		1,144	0	229	0	915	0	
type-EIb	m		963	0	193	0	771	0	
type-EII	m		610	0	122	0	488	0	
type-EIII	m	0	577	0	115	0	462	0	
type-EIV	m		511	0	102	0	409	0	
type-EV	m		380	0	76	0	304	0	
type-EVI	m		124	0	25	0	99	0	
Field Canal	m	600	230	138,000	46	27,600	184	110,400	
Drainage Canal	m	400	140	56,000	28	11,200	112	44,800	
Sub-total		15,000		40,658,126		8,131,625		32,526,501	
<b>2. Canal Structures</b>									
2-1 Intake	type-Ii	nos	1	391,436	391,436	78,287	78,287	313,149	313,149
	type-Iii	nos		148,993	0	29,799	0	119,194	0
2-2 Turnout	type-IIt	nos	4	46,733	186,933	9,347	37,387	37,387	149,547
	type-IIt	nos	35	27,043	946,508	5,409	189,302	21,634	757,207
2-3 Regulator	type-Ir	nos		73,104	0	14,621	0	58,483	0
	type-Irr	nos	5	54,504	272,522	10,901	54,504	43,603	218,017
2-4 Drop	type-Id	nos	5	93,900	469,499	18,780	93,900	75,120	375,599
	type-IId	nos		38,732	0	7,746	0	30,986	0
2-5 Under Crossing	type-Iu	nos		75,429	0	15,086	0	60,343	0
	type-Iuu	nos		70,127	0	14,025	0	56,102	0
2-6 Spillway	type-Iw	nos		93,803	0	18,761	0	75,043	0
	type-Iww	nos	5	46,902	234,508	9,380	46,902	37,521	187,606
2-7 Over Bridge	type-Io	nos		232,961	0	46,592	0	186,369	0
	type-Ioo	nos	14	120,420	1,685,886	24,084	337,177	96,336	1,348,709
2-8 Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991	16,991
	type-Ipp	nos		14,235	0	2,847	0	11,388	0
2-9 Aqueduct	type-Ia	nos		3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos		45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-Is	nos		12,135	0	2,427	0	9,708	0
	type-Iss	nos		10,189	0	2,038	0	8,151	0
	type-Iss	nos		4,445	0	889	0	3,556	0
Sub-total		70		4,208,532		841,706		3,366,826	
<b>Total</b>				<b>44,866,658</b>		<b>8,973,332</b>		<b>35,893,326</b>	

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(11/16)

U-11 Pothuwewa Tank

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,700	124	210,915	25	42,183	99	168,732
	Field Canal	m	1,650	230	379,500	46	75,900	184	303,600
	Drainage Canal	m	1,100	140	154,000	28	30,800	112	123,200
	Sub-total		4,450		744,415		148,883		595,532
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-Ill	nos	9	27,043	243,388	5,409	48,678	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	2	54,504	109,009	10,901	21,802	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-Ild	nos	3	38,732	116,197	7,746	23,239	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	3	70,127	210,381	14,025	42,076	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	3	120,420	361,261	24,084	72,252	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	34	4,445	151,143	889	30,229	3,556
	Sub-total		55		1,205,614		241,123		964,491
<b>Total</b>					<b>1,950,029</b>		<b>390,006</b>		<b>1,560,023</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(12 / 16)

U-12 Ethonnawala Tank

Construction Works		Unit	Quantity	Total Cost (Rs)		Forein Currency (Rs)		Local Currency (Rs)		
				Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>										
	type-LI	m		8,097	0	1,619	0	6,478	0	
	type-LII	m		6,198	0	1,240	0	4,958	0	
	type-LIII	m		5,558	0	1,112	0	4,447	0	
	type-LIV	m		4,280	0	856	0	3,424	0	
	type-LV	m		3,540	0	708	0	2,832	0	
	type-LVI	m		2,639	0	528	0	2,111	0	
	type-EIa	m		1,144	0	229	0	915	0	
	type-EIb	m		963	0	193	0	771	0	
	type-EII	m		610	0	122	0	488	0	
	type-EIII	m		577	0	115	0	462	0	
	type-EIV	m		511	0	102	0	409	0	
	type-EV	m		380	0	76	0	304	0	
	type-EVI	m		124	0	25	0	99	0	
	Field Canal	m	17,000	230	3,910,000	46	782,000	184	3,128,000	
	Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000	
	Sub-total		25,500		5,100,000		1,020,000		4,080,000	
<b>2. Canal Structures</b>										
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0	
		type-III	nos	148,993	0	29,799	0	119,194	0	
2-2	Turnout	type-It	nos	46,733	0	9,347	0	37,387	0	
		type-III	nos	3	27,043	81,129	5,409	16,226	21,634	64,903
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0	
		type-IIr	nos	3	54,504	163,513	10,901	32,703	43,603	130,810
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0	
		type-IIId	nos	1	38,732	38,732	7,746	7,746	30,986	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0	
		type-IIu	nos	1	70,127	70,127	14,025	14,025	56,102	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0	
		type-IIw	nos	1	46,902	46,902	9,380	9,380	37,521	37,521
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0	
		type-IIo	nos	1	120,420	120,420	24,084	24,084	96,336	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0	
		type-IIp	nos	1	14,235	14,235	2,847	2,847	11,388	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0	
		type-IIa	nos	45,653	0	9,131	0	36,523	0	
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0	
		type-IIs	nos	10,189	0	2,038	0	8,151	0	
		type-IIIs	nos	4,445	0	889	0	3,556	0	
	Sub-total		11		535,059		107,012		428,047	
<b>Total</b>					<b>5,635,059</b>		<b>1,127,012</b>		<b>4,508,047</b>	

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(13/16)

U-13 Nugagaha Tank

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>I. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	1,800	124	223,321	25	44,664	99	178,657
Field Canal	m	1,620	230	372,600	46	74,520	184	298,080
Drainage Canal	m	1,080	140	151,200	28	30,240	112	120,960
Sub-total		4,500		747,121		149,424		597,697
<b>2. Canal Structures</b>								
2-1 Intake	type-li	nos	391,436	0	78,287	0	313,149	0
	type-lII	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-lt	nos	46,733	0	9,347	0	37,387	0
	type-lIt	nos	7	27,043	189,302	5,409	37,860	21,634
								151,441
2-3 Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
	type-lr	nos	4	54,504	218,017	10,901	43,603	174,414
2-4 Drop	type-ld	nos	93,900	0	18,780	0	75,120	0
	type-lId	nos	3	38,732	116,197	7,746	23,239	30,986
								92,957
2-5 Under Crossing	type-lu	nos	75,429	0	15,086	0	60,343	0
	type-lIu	nos	3	70,127	210,381	14,025	42,076	56,102
								168,305
2-6 Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
	type-lIw	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-lo	nos	232,961	0	46,592	0	186,369	0
	type-lIo	nos	3	120,420	361,261	24,084	72,252	96,336
								289,009
2-8 Parshall Flume	type-lp	nos	21,239	0	4,248	0	16,991	0
	type-lIp	nos	1	14,235	14,235	2,847	2,847	11,388
								11,388
2-9 Aqueduct	type-la	nos	3,199,921	0	639,984	0	2,559,937	0
	type-lIa	nos	45,653	0	9,131	0	36,523	0
2-10 Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
	type-lIs	nos	10,189	0	2,038	0	8,151	0
	type-lIIs	nos	36	4,445	160,034	889	32,007	128,027
Sub-total		57		1,269,427		253,885		1,015,542
<b>Total</b>				<b>2,016,549</b>		<b>403,310</b>		<b>1,613,239</b>



App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(14/16)

U-14 Ranasinhagama Tank

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,100	124	136,474	25	27,295	99	109,179
	Field Canal		2,550	230	586,500	46	117,300	184	469,200
	Drainage Canal	m	1,700	140	238,000	28	47,600	112	190,400
	Sub-total		5,350		960,974		192,195		768,779
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-III	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-III	nos	9	27,043	243,388	5,409	48,678	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-IIr	nos	5	54,504	272,522	10,901	54,504	43,603
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IIId	nos	3	38,732	116,197	7,746	23,239	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IIu	nos	3	70,127	210,381	14,025	42,076	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IIw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-IIo	nos	3	120,420	361,261	24,084	72,252	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-IIp	nos	1	14,235	14,235	2,847	11,388	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-IIa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-IIs	nos	12,135	0	2,427	0	9,708	0
		type-IIIs	nos	10,189	0	2,038	0	8,151	0
		type-IIIs	nos	22	4,445	97,799	889	19,560	3,556
	Sub-total		46		1,315,782		263,156		1,052,626
<b>Total</b>					<b>2,276,756</b>		<b>455,351</b>		<b>1,821,405</b>

## App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

## U-15 Pattilyapola Tank

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-I.I	m		8,097	0	1,619	0	6,478	0
	type-I.II	m		6,198	0	1,240	0	4,958	0
	type-L.III	m		5,558	0	1,112	0	4,447	0
	type-L.IV	m		4,280	0	856	0	3,424	0
	type-L.V	m		3,540	0	708	0	2,832	0
	type-L.VI	m	4,400	2,639	11,612,881	528	2,322,576	2,111	9,290,305
	type-E.Ia	m		1,144	0	229	0	915	0
	type-E.Ib	m		963	0	193	0	771	0
	type-E.II	m		610	0	122	0	488	0
	type-E.III	m		577	0	115	0	462	0
	type-E.IV	m		511	0	102	0	409	0
	type-E.V	m		380	0	76	0	304	0
	type-E.VI	m	3,500	124	434,236	25	86,847	99	347,389
	Field Canal	m	5,400	230	1,242,000	46	248,400	184	993,600
	Drainage Canal	m	3,600	140	504,000	28	100,800	112	403,200
	Sub-total		16,900		13,793,117		2,758,623		11,034,494
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IItt	nos	13	27,043	351,560	5,409	70,312	281,248
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	7	54,504	381,530	10,901	76,306	305,224
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	4	38,732	154,929	7,746	30,986	123,943
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	4	70,127	280,508	14,025	56,102	224,406
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	4	120,420	481,682	24,084	96,336	385,345
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	70	4,445	311,178	889	62,236	248,942
	Sub-total		104		1,989,857		397,971		1,591,886
<b>Total</b>					<b>15,782,974</b>		<b>3,156,595</b>		<b>12,626,379</b>

App. 2.5-8 Construction Cost for Urubokka Oya Sub-Scheme

(16/16)

U-16 Netolpitiya Tank

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,500	124	186,101	25	37,220	99	148,881
	Field Canal	m	1,590	230	365,700	46	73,140	184	292,560
	Drainage Canal	m	1,060	140	148,400	28	29,680	112	118,720
	Sub-total		4,150		700,201		140,040		560,161
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	5	27,043	5,409	27,043	21,634	108,172
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	2	54,504	10,901	21,802	43,603	87,207
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	1	38,732	7,746	7,746	30,986	30,986
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	1	70,127	14,025	14,025	56,102	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	2	120,420	24,084	48,168	96,336	192,673
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	2,847	2,847	11,388	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
2-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Iss	nos	30	4,445	889	26,672	3,556	106,690
	Sub-total		42		741,521		148,304		593,217
<b>Total</b>					<b>1,441,722</b>		<b>288,344</b>		<b>1,153,378</b>

U-17 Farm Road

Farm Road	m	11,000	562	6,181,320	112	1,236,264	450	4,945,056
Bridge	nos	3	232,961	698,883	46,592	139,777	186,369	559,106
<b>Total</b>	<b>m</b>	<b>11,000</b>	<b>0</b>	<b>6,880,203</b>	<b>0</b>	<b>1,376,041</b>	<b>0</b>	<b>5,504,162</b>

8 Anicut Total	142,418,974	30,259,854	112,159,120
High Level Canal Total	77,884,721	15,576,944	62,307,777
Farm Road, etc.	6,880,203	1,376,041	5,504,162
<b>Urubokka Oya Total</b>	<b>227,183,899</b>	<b>47,212,839</b>	<b>179,971,060</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(1/18)

K-1 Hambumandiya Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	1,600	2,639	4,222,866	528	844,573	2,111	3,378,293
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	3,100	124	384,609	25	76,922	99	307,687
	Field Canal	m	2,730	230	627,900	46	125,580	184	502,320
	Drainage Canal	m	1,820	140	254,800	28	50,960	112	203,840
	Sub-total		9,250		5,490,175		1,098,035		4,392,140
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos	4	1,103	4,410	221	882	882	3,528
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				256,835		51,367		205,468
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	1	148,993	148,993	29,799	29,799	119,194
	3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	62	27,043	1,676,672	5,409	335,334	21,634
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	26	54,504	1,417,112	10,901	283,422	43,603
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	25	38,732	968,304	7,746	193,661	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	4	70,127	280,508	14,025	56,102	224,406
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	4	46,902	187,606	9,380	37,521	150,085
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	5	120,420	602,102	24,084	120,420	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	2	45,653	91,307	9,131	18,261	36,523
	3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	62	4,445	275,615	889	55,123	3,556
	Sub-total		192		5,662,455		1,132,491		4,529,964
<b>Total</b>					<b>11,460,832</b>		<b>2,487,361</b>		<b>8,973,470</b>

## App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

## K-2 Ethipitiya Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-I.I	m		8,097	0	1,619	0	6,478	0
	type-I.II	m		6,198	0	1,240	0	4,958	0
	type-I.III	m		5,558	0	1,112	0	4,447	0
	type-I.IV	m		4,280	0	856	0	3,424	0
	type-I.V	m		3,540	0	708	0	2,832	0
	type-I.VI	m	900	2,639	2,375,362	528	475,072	2,111	1,900,290
	type-E.Ia	m		1,144	0	229	0	915	0
	type-E.Ib	m		963	0	193	0	771	0
	type-E.II	m		610	0	122	0	488	0
	type-E.III	m		577	0	115	0	462	0
	type-E.IV	m		511	0	102	0	409	0
	type-E.V	m		380	0	76	0	304	0
	type-E.VI	m	1,200	124	148,881	25	29,776	99	119,105
	Field Canal	m	2,250	230	517,500	46	103,500	184	414,000
	Drainage Canal	m	1,500	140	210,000	28	42,000	112	168,000
	Sub-total		5,850		3,251,743		650,349		2,601,394
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos	6	1,103	6,615	221	1,323	882	5,292
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				259,040		51,808		207,232
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	1	148,993	148,993	29,799	29,799	119,194
	3-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
		type-Iii	nos	21	27,043	567,905	5,409	113,581	21,634
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	9	54,504	490,539	10,901	98,108	43,603
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	9	38,732	348,590	7,746	69,718	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IUu	nos	3	70,127	210,381	14,025	42,076	56,102
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IWw	nos	1	46,902	46,902	9,380	9,380	37,521
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Io	nos	5	120,420	602,102	24,084	120,420	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Ia	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-IIs	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	24	4,445	106,690	889	21,338	85,352
	Sub-total		74		2,536,336		507,267		2,029,069
<b>Total</b>					<b>6,098,927</b>		<b>1,416,656</b>		<b>4,682,271</b>

## App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(3/18)

### K-3 Uda Delbarawa Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>I. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	1,300	2,639	3,431,079	528	686,216	2,111	2,744,863
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EH	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	1,560	230	358,800	46	71,760	184	287,040
Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
Sub-total		11,360		4,979,879		995,976		3,983,903
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2 Gate	nos	4	1,103	4,410	221	882	882	3,528
2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				4,410		882		3,528
<b>3. Canal Structures</b>								
3-1 Intake	type-li	nos	391,436	0	78,287	0	313,149	0
	type-lII	nos	148,993	148,993	29,799	29,799	119,194	119,194
3-2 Turnout	type-lt	nos	46,733	0	9,347	0	37,387	0
	type-lIt	nos	27,043	135,215	5,409	27,043	21,634	108,172
3-3 Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
	type-lrr	nos	54,504	163,513	10,901	32,703	43,603	130,810
3-4 Drop	type-lr	nos	93,900	0	18,780	0	75,120	0
	type-lrd	nos	38,732	77,464	7,746	15,493	30,986	61,971
3-5 Under Crossing	type-lu	nos	75,429	0	15,086	0	60,343	0
	type-lIu	nos	70,127	140,254	14,025	28,051	56,102	112,203
3-6 Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
	type-lIw	nos	46,902	0	9,380	0	37,521	0
3-7 Over Bridge	type-lo	nos	232,961	0	46,592	0	186,369	0
	type-lIo	nos	120,420	240,841	24,084	48,168	96,336	192,673
3-8 Parshall Flume	type-lp	nos	21,239	0	4,248	0	16,991	0
	type-lIp	nos	14,235	14,235	2,847	2,847	11,388	11,388
3-9 Aqueduct	type-lq	nos	3,199,921	0	639,984	0	2,559,937	0
	type-lIq	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
	type-lIs	nos	10,189	0	2,038	0	8,151	0
	type-lIIs	nos	4,445	0	889	0	3,556	0
Sub-total		16		920,516		184,103		736,413
<b>Total</b>				<b>5,905,686</b>		<b>1,184,489</b>		<b>4,721,197</b>

## App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(4/18)

### K-4 Arachchi Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	1,600	2,639	4,222,866	528	844,573	2,111	3,378,293
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	3,700	124	459,049	25	91,810	99	367,239
	Field Canal	m	3,210	230	738,300	46	147,660	184	590,640
	Drainage Canal	m	2,140	140	299,600	28	59,920	112	239,680
	Sub-total		10,650		5,719,815		1,143,963		4,575,852
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos		1,103	0	221	0	882	0
	2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				0		0		0
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	1	148,993	148,993	29,799	119,194	119,194
	3-2 Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IIIt	nos	28	27,043	757,207	5,409	151,441	605,765
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	10	54,504	545,043	10,901	109,009	436,035
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	7	38,732	271,125	7,746	54,225	216,900
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	5	70,127	350,635	14,025	70,127	280,508
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	2	46,902	93,803	9,380	18,761	75,043
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	7	120,420	842,943	24,084	168,589	674,355
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	22,776
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	74	4,445	328,959	889	65,792	263,167
	Sub-total		136		3,367,179		673,436		2,693,743
<b>Total</b>					<b>9,086,994</b>		<b>1,817,399</b>		<b>7,269,595</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(5/18)

K-5 Wijerathne Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	700	2,639	1,847,504	528	369,501	2,111	1,478,003
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	990	230	227,700	46	45,540	184	182,160
Drainage Canal	m	660	140	92,400	28	18,480	112	73,920
Sub-total		2,350		2,167,604		433,521		1,734,083
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2 Gate	nos		1,103	0	221	0	882	0
2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				0		0		0
<b>3. Canal Structures</b>								
3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-III	nos	1	148,993	148,993	29,799	29,799	119,194
3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	11	27,043	297,474	5,409	59,495	21,634
3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	4	54,504	218,017	10,901	43,603	174,414
3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	4	38,732	154,929	7,746	30,986	123,943
3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	2	70,127	140,254	14,025	28,051	56,102
3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-IWw	nos	1	46,902	46,902	9,380	9,380	37,521
3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	2	120,420	240,841	24,084	48,168	96,336
3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-Iss	nos	10,189	0	2,038	0	8,151	0
	type-IIIss	nos	4,445	0	889	0	3,556	0
Sub-total		26		1,261,644		252,329		1,009,316
<b>Total</b>				<b>3,429,248</b>		<b>685,850</b>		<b>2,743,399</b>



## App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(6/18)

### K-6 Wauwa Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	3,400	2,639	8,973,590	528	1,794,718	2,111	7,178,872
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,000	124	124,067	25	24,813	99	99,254
	Field Canal	m	2,970	230	683,100	46	136,620	184	546,480
	Drainage Canal	m	1,980	140	277,200	28	55,440	112	221,760
	Sub-total		9,350		10,057,958		2,011,592		8,046,366
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				257,938		51,588		206,350
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
	3-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
		type-Iii	nos	13	27,043	351,560	5,409	70,312	21,634
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	5	54,504	272,522	10,901	54,504	43,603
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-Ild	nos	3	38,732	116,197	7,746	23,239	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	2	70,127	140,254	14,025	28,051	56,102
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	5	120,420	602,102	24,084	120,420	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	20	4,445	88,908	889	17,782	3,556
	Sub-total		52		1,897,998		379,600		1,518,399
<b>Total</b>					<b>12,265,481</b>		<b>2,649,129</b>		<b>9,616,352</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(7/18)

K-7 Okewela Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m		2,639	0	528	0	2,111	0
type-EIa	m	3,200	1,144	3,660,724	229	732,145	915	2,928,580
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	2,000	124	248,135	25	49,627	99	198,508
Field Canal	m	2,970	230	683,100	46	136,620	184	546,480
Drainage Canal	m	1,980	140	277,200	28	55,440	112	221,760
Sub-total		10,150		4,869,159		973,832		3,895,327
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2 Gate	nos	4	1,103	4,410	221	882	882	3,528
2-3 Reveitment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				256,835		51,367		205,468
<b>3. Canal Structures</b>								
3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
3-2 Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	17	27,043	459,733	5,409	91,947	21,634
3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Ir	nos	6	54,504	327,026	10,901	65,405	43,603
3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	2	38,732	77,464	7,746	15,493	30,986
3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iu	nos	6	70,127	420,762	14,025	84,152	56,102
3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iw	nos	6	46,902	281,410	9,380	56,282	37,521
3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Io	nos	18	120,420	2,167,568	24,084	433,514	96,336
3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ip	nos	2	14,235	28,470	2,847	5,694	11,388
3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Ia	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-IIs	nos	10,189	0	2,038	0	8,151	0
	type-IIs	nos	40	4,445	177,816	889	35,563	3,556
Sub-total		99		4,238,235		847,647		3,390,588
<b>Total</b>				<b>9,415,596</b>		<b>2,078,314</b>		<b>7,337,282</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(8 / 18)

K-8 Pansala Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	1,300	2,639	3,431,079	528	686,216	2,111	2,744,863
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	1,560	230	358,800	46	71,760	184	287,040
Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
Sub-total		11,360		4,979,879		995,976		3,983,903
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2 Gate	nos		1,103	0	221	0	882	0
2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				252,425		50,485		201,940
<b>3. Canal Structures</b>								
3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
3-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
	type-IIt	nos	8	27,043	216,345	5,409	43,269	21,634
3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-IIt	nos	4	54,504	218,017	10,901	43,603	43,603
3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	2	38,732	77,464	7,746	15,493	30,986
3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	70,127	0	14,025	0	56,102	0
3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-IWw	nos	46,902	0	9,380	0	37,521	0
3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	2	120,420	240,841	24,084	48,168	96,336
3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-Iss	nos	10,189	0	2,038	0	8,151	0
	type-Iss	nos	4,445	0	889	0	3,556	0
Sub-total		20		1,079,123		215,825		863,299
<b>Total</b>				<b>6,361,912</b>		<b>1,464,226</b>		<b>4,897,686</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(9/18)

K-9 Pattiyavela Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	3,300	2,639	8,709,661	528	1,741,932	2,111	6,967,729
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	1,500	124	186,101	25	37,220	99	148,881
	Field Canal	m	3,690	230	848,700	46	169,740	184	678,960
	Drainage Canal	m	2,460	140	344,400	28	68,880	112	275,520
	Sub-total		10,950		10,088,862		2,017,772		8,071,090
<b>2. Anicut</b>									
2-1	Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2	Gate	nos	5	1,103	5,513	221	1,103	882	4,410
2-3	Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
2-4	Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				257,938		51,588		206,350
<b>3. Canal Structures</b>									
3-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
3-2	Turnout	type-Iit	nos	46,733	0	9,347	0	37,387	0
		type-Iit	nos	17	27,043	459,733	5,409	91,947	21,634
3-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Iir	nos	6	54,504	327,026	10,901	65,405	43,603
3-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-Iid	nos	5	38,732	193,661	7,746	38,732	30,986
3-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	3	70,127	210,381	14,025	42,076	56,102
3-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iwv	nos	2	46,902	93,803	9,380	18,761	37,521
3-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	5	120,420	602,102	24,084	120,420	96,336
3-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
3-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	30	4,445	133,362	889	26,672	106,690
	Sub-total		72		2,346,524		469,305		1,877,219
<b>Total</b>					<b>12,744,911</b>		<b>2,745,015</b>		<b>9,999,896</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(10 / 18)

K-10 Unnasege Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	1,300	2,639	3,431,079	528	686,216	2,111	2,744,863
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	600	230	138,000	46	27,600	184	110,400
	Drainage Canal	m	400	140	56,000	28	11,200	112	44,800
	Sub-total		2,300		3,625,079		725,016		2,900,063
<b>2. Anicut</b>									
2-1	Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2	Gate	nos	5	1,103	5,513	221	1,103	882	4,410
2-3	Revetment	nos		252,425	0	50,485	0	201,940	0
2-4	Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				5,513		1,103		4,410
<b>3. Canal Structures</b>									
3-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	148,993	29,799	29,799	119,194	119,194
3-2	Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	27,043	243,388	5,409	48,678	21,634	194,710
3-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	54,504	109,009	10,901	21,802	43,603	87,207
3-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	38,732	38,732	7,746	7,746	30,986	30,986
3-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IUo	nos	70,127	70,127	14,025	14,025	56,102	56,102
3-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IWw	nos	46,902	0	9,380	0	37,521	0
3-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	120,420	240,841	24,084	48,168	96,336	192,673
3-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	14,235	14,235	2,847	2,847	11,388	11,388
3-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10	Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
		type-IIs	nos	10,189	0	2,038	0	8,151	0
		type-IIs	nos	4,445	0	889	0	3,556	0
	Sub-total		17		865,325		173,065		692,260
<b>Total</b>					<b>4,497,018</b>		<b>903,593</b>		<b>3,593,425</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(11/18)

K-11 Kahawatta Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	800	2,639	2,111,433	528	422,287	2,111	1,689,146
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	1,890	230	434,700	46	86,940	184	347,760
	Drainage Canal	m	1,260	140	176,400	28	35,280	112	141,120
	Sub-total		3,950		2,722,533		544,507		2,178,026
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				257,938		51,588		206,350
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	1	148,993	148,993	29,799	119,194	119,194
	3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-Iii	nos	9	27,043	243,388	5,409	21,634	194,710
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	3	54,504	163,513	10,901	43,603	130,810
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-Ild	nos	1	38,732	38,732	7,746	30,986	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	70,127	0	14,025	0	56,102	0
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	1	120,420	120,420	24,084	96,336	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	11,388	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Iss	nos	4,445	0	889	0	3,556	0
	Sub-total		16		729,281		145,856		583,425
<b>Total</b>					<b>3,761,340</b>		<b>948,301</b>		<b>2,813,039</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(12/18)

K-12 Pinoda Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	1,200	2,639	3,167,149	528	633,430	2,111	2,533,720
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	1,770	230	407,100	46	81,420	184	325,680
Drainage Canal	m	1,180	140	165,200	28	33,040	112	132,160
Sub-total		4,150		3,739,449		747,890		2,991,560
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2 Gate	nos		1,103	0	221	0	882	0
2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				252,425		50,485		201,940
<b>3. Canal Structures</b>								
3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-III	nos	2	148,993	297,985	29,799	59,597	119,194
3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
	type-III	nos	5	27,043	135,215	5,409	27,043	21,634
3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Ir	nos	2	54,504	109,009	10,901	21,802	43,603
3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	38,732	0	7,746	0	30,986	0
3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-IUu	nos	70,127	0	14,025	0	56,102	0
3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-IWw	nos	46,902	0	9,380	0	37,521	0
3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Io	nos	1	120,420	120,420	24,084	24,084	96,336
3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ip	nos	2	14,235	28,470	2,847	5,694	11,388
3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Ia	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-IIs	nos	10,189	0	2,038	0	8,151	0
	type-IIIs	nos	4,445	0	889	0	3,556	0
Sub-total		12		691,100		138,220		552,880
<b>Total</b>				<b>4,733,460</b>		<b>1,138,535</b>		<b>3,594,925</b>

App. 2.5-9 Construction Cost for Kirania Oya Sub-Scheme

(13 / 18)

K-13 Ilyangedenlya Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-II	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	1,500	2,639	3,958,937	528	791,787	2,111	3,167,149
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	2,370	230	545,100	46	109,020	184	436,080
	Drainage Canal	m	1,580	140	221,200	28	44,240	112	176,960
	Sub-total		5,450		4,725,237		945,047		3,780,189
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos	4	1,103	4,410	221	882	882	3,528
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				256,835		51,367		205,468
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	1	148,993	148,993	29,799	119,194	119,194
	3-2 Turnout	type-Ii	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	18	27,043	486,776	5,409	21,634	389,421
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Irr	nos	7	54,504	381,530	10,901	43,603	305,224
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	38,732	0	7,746	0	30,986	0
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IUu	nos	70,127	0	14,025	0	56,102	0
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IWw	nos	46,902	0	9,380	0	37,521	0
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	3	120,420	361,261	24,084	96,336	289,009
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	11,388	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-IaA	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Ia	nos	12,135	0	2,427	0	9,708	0
		type-IaS	nos	10,189	0	2,038	0	8,151	0
		type-IaSS	nos	4,445	0	889	0	3,556	0
	Sub-total		30		1,392,795		278,559		1,114,236
<b>Total</b>					<b>6,426,234</b>		<b>1,480,442</b>		<b>4,945,793</b>



App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(14 / 18)

K-14 Nalagama Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	3,200	2,639	8,445,732	528	1,689,146	2,111	6,756,586
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m	2,500	124	310,168	25	62,034	99	248,135
Field Canal	m	3,900	230	897,000	46	179,400	184	717,600
Drainage Canal	m	2,660	140	372,400	28	74,480	112	297,920
Sub-total		12,260		10,025,300		2,005,060		8,020,240
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				5,513		1,103		4,410
<b>3. Canal Structures</b>								
3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
	type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194
3-2 Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
	type-IIIt	nos	19	27,043	513,819	5,409	102,764	21,634
3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
	type-Irr	nos	4	54,504	218,017	10,901	43,603	174,414
3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
	type-IId	nos	3	38,732	116,197	7,746	23,239	30,986
3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
	type-Iuu	nos	1	70,127	70,127	14,025	14,025	56,102
3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
	type-Iww	nos	46,902	0	9,380	0	37,521	0
3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
	type-Ioo	nos	6	120,420	722,523	24,084	144,505	96,336
3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
	type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388
3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
	type-Iaa	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0
	type-Iss	nos	10,189	0	2,038	0	8,151	0
	type-Isss	nos	50	4,445	222,270	889	44,454	3,556
Sub-total		87		2,189,408		437,882		1,751,526
<b>Total</b>				<b>12,221,323</b>		<b>2,448,454</b>		<b>9,772,869</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(15/18)

K-15 Daranda Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	1,600	2,639	4,222,866	528	844,573	2,111	3,378,293
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIH	m		577	0	115	0	462	0
	type-FIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	600	124	74,440	25	14,888	99	59,552
	Field Canal	m	3,450	230	793,500	46	158,700	184	634,800
	Drainage Canal	m	2,300	140	322,000	28	64,400	112	257,600
	Sub-total		7,950		5,412,806		1,082,561		4,330,245
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos		1,103	0	221	0	882	0
	2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				0		0		0
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	1	148,993	148,993	29,799	29,799	119,194
	3-2 Turnout	type-II	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	7	27,043	189,302	5,409	37,860	21,634
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Ijr	nos	3	54,504	163,513	10,901	32,703	43,603
	3-4 Drop	type-IId	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	2	38,732	77,464	7,746	15,493	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iuu	nos	70,127	0	14,025	0	56,102	0
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iww	nos	46,902	0	9,380	0	37,521	0
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Ioo	nos	3	120,420	361,261	24,084	72,252	96,336
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ipp	nos	1	14,235	14,235	2,847	2,847	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Iaa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-Iss	nos	10,189	0	2,038	0	8,151	0
		type-Isss	nos	12	4,445	53,345	889	10,669	42,676
	Sub-total		29		1,008,113		201,623		806,490
<b>Total</b>					<b>6,420,919</b>		<b>1,284,184</b>		<b>5,136,736</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(16 / 18)

K-16 Wile Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-LV	m		3,540	0	708	0	2,832	0
	type-LVI	m	1,100	2,639	2,903,220	528	580,644	2,111	2,322,576
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	1,530	230	351,900	46	70,380	184	281,520
	Drainage Canal	m	1,020	140	142,800	28	28,560	112	114,240
	Sub-total		3,650		3,397,920		679,584		2,718,336
<b>2. Anicut</b>									
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
	2-2 Gate	nos		1,103	0	221	0	882	0
	2-3 Revetment	nos	1	252,425	252,425	50,485	50,485	201,940	201,940
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0
	Sub-total				252,425		50,485		201,940
<b>3. Canal Structures</b>									
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-IIi	nos	1	148,993	148,993	29,799	29,799	119,194
	3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0
		type-III	nos	4	27,043	108,172	5,409	21,634	86,538
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-IIr	nos	1	54,504	54,504	10,901	43,603	43,603
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0
		type-IIId	nos	1	38,732	38,732	7,746	30,986	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-IIu	nos	70,127	0	14,025	0	56,102	0
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-IIw	nos	46,902	0	9,380	0	37,521	0
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-IIo	nos	2	120,420	240,841	48,168	96,336	192,673
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-IIp	nos	1	14,235	14,235	2,847	11,388	11,388
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-IIa	nos	45,653	0	9,131	0	36,523	0
	3-10 Canal Section	type-Iss	nos	12,135	0	2,427	0	9,708	0
		type-IIss	nos	10,189	0	2,038	0	8,151	0
		type-IIIss	nos	4,445	0	889	0	3,556	0
	Sub-total		10		605,478		121,096		484,382
<b>Total</b>					<b>4,306,308</b>		<b>1,053,105</b>		<b>3,253,204</b>

App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

(17/18)

K-17 Maha Anicut

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
				Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>										
	type-LI	m		8,097	0	1,619	0	6,478	0	
	type-LII	m		6,198	0	1,240	0	4,958	0	
	type-LIII	m		5,558	0	1,112	0	4,447	0	
	type-LIV	m		4,280	0	856	0	3,424	0	
	type-LV	m		3,540	0	708	0	2,832	0	
	type-LVI	m	3,300	2,639	8,709,661	528	1,741,932	2,111	6,967,729	
	type-EIa	m		1,144	0	229	0	915	0	
	type-EIb	m		963	0	193	0	771	0	
	type-EII	m		610	0	122	0	488	0	
	type-EIII	m		577	0	115	0	462	0	
	type-EIV	m		511	0	102	0	409	0	
	type-EV	m		380	0	76	0	304	0	
	type-EVI	m	2,000	124	248,135	25	49,627	99	198,508	
	Field Canal	m	5,070	230	1,166,100	46	233,220	184	932,880	
	Drainage Canal	m	3,380	140	473,200	28	94,640	112	378,560	
	Sub-total		13,750		10,597,096		2,119,419		8,477,677	
<b>2. Anicut</b>										
	2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0	
	2-2 Gate	nos	5	1,103	5,513	221	1,103	882	4,410	
	2-3 Revetment	nos		252,425	0	50,485	0	201,940	0	
	2-4 Spill	nos		794,807	0	158,961	0	635,845	0	
	Sub-total				5,513		1,103		4,410	
<b>3. Canal Structures</b>										
	3-1 Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0	
		type-Iii	nos	2	148,993	297,985	29,799	59,597	119,194	238,388
	3-2 Turnout	type-It	nos	46,733	0	9,347	0	37,387	0	
		type-IIt	nos	19	27,043	513,819	5,409	102,764	21,634	411,055
	3-3 Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0	
		type-Irr	nos	1	54,504	54,504	10,901	10,901	43,603	43,603
	3-4 Drop	type-Id	nos	93,900	0	18,780	0	75,120	0	
		type-IId	nos	1	38,732	38,732	7,746	7,746	30,986	30,986
	3-5 Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0	
		type-Iuu	nos	70,127	0	14,025	0	56,102	0	
	3-6 Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0	
		type-Iww	nos	1	46,902	46,902	9,380	9,380	37,521	37,521
	3-7 Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0	
		type-Ioo	nos	5	120,420	602,102	24,084	120,420	96,336	481,682
	3-8 Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0	
		type-Ipp	nos	2	14,235	28,470	2,847	5,694	11,388	22,776
	3-9 Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0	
		type-Iaa	nos	5	45,653	228,267	9,131	45,653	36,523	182,614
	3-10 Canal Section	type-Is	nos	12,135	0	2,427	0	9,708	0	
		type-Iss	nos	10,189	0	2,038	0	8,151	0	
		type-Isss	nos	40	4,445	177,816	889	35,563	3,556	142,253
	Sub-total		76		1,988,598		397,720		1,590,879	
<b>Total</b>					<b>12,592,309</b>		<b>2,522,651</b>		<b>10,069,658</b>	

## App. 2.5-9 Construction Cost for Kirama Oya Sub-Scheme

## K-18 Danketiya Anicut

Construction Works	Unit	Quantity	Total Cost (Rs)		Forein Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>I. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-LV	m		3,540	0	708	0	2,832	0
type-LVI	m	600	2,639	1,583,575	528	316,715	2,111	1,266,860
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	1,560	230	358,800	46	71,760	184	287,040
Drainage Canal	m	8,500	140	1,190,000	28	238,000	112	952,000
Sub-total		10,660		3,132,375		626,475		2,505,900
<b>2. Anicut</b>								
2-1 Body	nos		1,582,059	0	316,412	0	1,265,647	0
2-2 Gate	nos	5	1,103	5,513	221	1,103	882	4,410
2-3 Revetment	nos		252,425	0	50,485	0	201,940	0
2-4 Spill	nos		794,807	0	158,961	0	635,845	0
Sub-total				5,513		1,103		4,410
<b>3. Canal Structures</b>								
3-1 Intake	type-li	nos	391,436	0	78,287	0	313,149	0
	type-lII	nos	148,993	148,993	29,799	29,799	119,194	119,194
3-2 Turnout	type-lI	nos	46,733	0	9,347	0	37,387	0
	type-lIt	nos	27,043	81,129	5,409	16,226	21,634	64,903
3-3 Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
	type-lIrr	nos	54,504	54,504	10,901	10,901	43,603	43,603
3-4 Drop	type-lId	nos	93,900	0	18,780	0	75,120	0
	type-lIId	nos	38,732	0	7,746	0	30,986	0
3-5 Under Crossing	type-lu	nos	75,429	0	15,086	0	60,343	0
	type-lIu	nos	70,127	0	14,025	0	56,102	0
3-6 Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
	type-lIw	nos	46,902	0	9,380	0	37,521	0
3-7 Over Bridge	type-lO	nos	232,961	0	46,592	0	186,369	0
	type-lIo	nos	120,420	120,420	24,084	24,084	96,336	96,336
3-8 Parshall Flume	type-lp	nos	21,239	0	4,248	0	16,991	0
	type-lIp	nos	14,235	14,235	2,847	2,847	11,388	11,388
3-9 Aqueduct	type-lA	nos	3,199,921	0	639,984	0	2,559,937	0
	type-lIa	nos	45,653	0	9,131	0	36,523	0
3-10 Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
	type-lIs	nos	10,189	0	2,038	0	8,151	0
	type-lIIs	nos	4,445	0	889	0	3,556	0
Sub-total		7		419,282		83,856		335,426
<b>4. Thangalu Welala Drainage System</b>								
Culvert with Gates	nos	7	391,436	2,740,055	78,287	548,011	313,149	2,192,044
Drainage Canals	m	9,700	140	1,358,000	28	271,600	112	1,086,400
Canal Excavation	m	2,030	398	808,228	80	161,646	319	646,582
Canal Enlargement	m	2,410	398	959,522	80	191,904	319	767,618
Protection Works	nos	14	41,726	584,166	8,345	116,833	33,381	467,333
Resectioning of Bunds	m	1,520	4,603	6,996,525	921	1,399,305	3,682	5,597,220
Weejjetota Anicut	nos	1	6,745,163	6,745,163	1,349,033	1,349,033	5,396,131	5,396,131
Pump Station	nos	1	19,000,000	19,000,000	3,800,000	3,800,000	15,200,000	15,200,000
Sub-total				39,191,659		7,838,332		31,353,327
<b>Total</b>				<b>42,749,931</b>		<b>8,554,176</b>		<b>34,195,755</b>

## K-19 Farm Road

Farm Road	m	26,900	562	15,116,138	112	3,023,228	450	12,092,910
Bridge	nos	6	232,961	1,397,765	46,592	279,553	186,369	1,118,212
<b>Total</b>				<b>16,513,903</b>		<b>3,302,781</b>		<b>13,211,123</b>

Anicut Scheme	174,478,431	36,861,878	137,616,553
Farm Road, etc.	16,513,903	3,302,781	13,211,123
<b>Kirama Oya Total</b>	<b>190,992,334</b>	<b>40,164,658</b>	<b>150,827,675</b>

## App. 2.5-10 Construction Cost for Badagiriya Scheme

## B-1 Feeder Canal &amp; Green Belt

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Feeder Canal	Lining	m	2,000	0	16,677,438	1,668	3,335,488	6,671	13,341,951
	type-EIa	m	4,400	1,144	5,033,496	229	1,006,699	915	4,026,797
2. Canal Section	type-Is	nos	88	12,135	1,067,922	2,427	213,584	9,708	854,338
3. Green Belt	Feeder	m	6,400	100	640,000	20	128,000	80	512,000
	Main	m	8,604	100	860,400	20	172,080	80	688,320
<b>Total</b>			<b>21,492</b>		<b>24,279,256</b>		<b>4,855,851</b>		<b>19,423,405</b>

## B-2 Main Canal

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m	4,553	5,558	25,306,993	1,112	5,061,399	4,447	20,245,595
	type-LIV	m	1,610	4,280	6,890,216	856	1,378,043	3,424	5,512,173
	type-BV	m	1,772	3,540	6,273,464	708	1,254,693	2,832	5,018,771
	type-BVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
<b>Sub-total</b>			<b>7,935</b>		<b>38,470,673</b>		<b>7,694,135</b>		<b>30,776,538</b>
<b>2. Canal Structures</b>									
2-1 Intake	type-Ii	nos		391,436	0	78,287	0	313,149	0
	type-III	nos		148,993	0	29,799	0	119,194	0
2-2 Turnout	type-IIt	nos	3	46,733	140,200	9,347	28,040	37,387	112,160
	type-IIIt	nos	13	27,043	351,560	5,409	70,312	21,634	281,248
2-3 Regulator	type-Ir	nos	3	73,104	219,313	14,621	43,863	58,483	175,450
	type-IIr	nos	3	54,504	163,513	10,901	32,703	43,603	130,810
2-4 Drop	type-Id	nos		93,900	0	18,780	0	75,120	0
	type-IId	nos	2	38,732	77,464	7,746	15,493	30,986	61,971
2-5 Under Crossing	type-Iu	nos	2	75,429	150,858	15,086	30,172	60,343	120,687
	type-Iuu	nos	2	70,127	140,254	14,025	28,051	56,102	112,203
2-6 Spillway	type-Iw	nos	2	93,803	187,606	18,761	37,521	75,043	150,085
	type-IIw	nos	2	46,902	93,803	9,380	18,761	37,521	75,043
2-7 Over Bridge	type-Io	nos	4	232,961	931,844	46,592	186,369	186,369	745,475
	type-IIo	nos	10	120,420	1,204,205	24,084	240,841	96,336	963,364
2-8 Parshall Flume	type-Ip	nos	1	21,239	21,239	4,248	4,248	16,991	16,991
	type-IIp	nos	1	14,235	14,235	2,847	2,847	11,388	11,388
2-9 Aqueduct	type-Ia	nos		3,199,921	0	639,984	0	2,559,937	0
	type-IIa	nos		45,653	0	9,131	0	36,523	0
<b>Sub-total</b>			<b>48</b>		<b>3,696,095</b>		<b>739,219</b>		<b>2,956,876</b>
<b>Total</b>					<b>42,166,768</b>		<b>8,433,354</b>		<b>33,733,414</b>

App. 2.5-10 Construction Cost for Badagiriya Scheme

(2/5)

B-3 Block-I (FC 1 ~ 10, K, T Canal)

Construction Works	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>								
type-LI	m		8,097	0	1,619	0	6,478	0
type-LII	m		6,198	0	1,240	0	4,958	0
type-LIII	m		5,558	0	1,112	0	4,447	0
type-LIV	m		4,280	0	856	0	3,424	0
type-BV	m		3,540	0	708	0	2,832	0
type-BVI	m	1,700	2,639	4,486,795	528	897,359	2,111	3,589,436
type-EIa	m		1,144	0	229	0	915	0
type-EIb	m		963	0	193	0	771	0
type-EII	m		610	0	122	0	488	0
type-EIII	m		577	0	115	0	462	0
type-EIV	m		511	0	102	0	409	0
type-EV	m		380	0	76	0	304	0
type-EVI	m		124	0	25	0	99	0
Field Canal	m	8,870	230	2,040,100	46	408,020	184	1,632,080
Drainage Canal	m	3,540	140	495,600	28	99,120	112	396,480
Sub-total		14,110		7,022,495		1,404,499		5,617,996
<b>2. Canal Structures</b>								
2-1 Intake	type-II	nos	391,436	0	78,287	0	313,149	0
	type-III	nos	148,993	0	29,799	0	119,194	0
2-2 Turnout	type-III	nos	46,733	0	9,347	0	37,387	0
	type-III	nos	27,043	730,164	5,409	146,033	21,634	584,131
2-3 Regulator	type-III	nos	73,104	0	14,621	0	58,483	0
	type-III	nos	54,504	109,009	10,901	21,802	43,603	87,207
2-4 Drop	type-III	nos	93,900	0	18,780	0	75,120	0
	type-III	nos	38,732	309,857	7,746	61,971	30,986	247,886
2-5 Under Crossing	type-III	nos	75,429	0	15,086	0	60,343	0
	type-III	nos	70,127	0	14,025	0	56,102	0
2-6 Spillway	type-III	nos	93,803	0	18,761	0	75,043	0
	type-III	nos	46,902	0	9,380	0	37,521	0
2-7 Over Bridge	type-III	nos	232,961	0	46,592	0	186,369	0
	type-III	nos	120,420	361,261	24,084	72,252	96,336	289,009
2-8 Parshall Flume	type-III	nos	21,239	0	4,248	0	16,991	0
	type-III	nos	14,235	14,235	2,847	2,847	11,388	11,388
2-9 Aqueduct	type-III	nos	3,199,921	0	639,984	0	2,559,937	0
	type-III	nos	45,653	91,307	9,131	18,261	36,523	73,046
2-10 Canal Section	type-III	nos	12,135	0	2,427	0	9,708	0
	type-III	nos	10,189	0	2,038	0	8,151	0
	type-III	nos	56	4,445	248,942	889	49,788	199,154
Sub-total		99		1,864,775		372,955		1,491,820
<b>Total</b>				<b>8,887,270</b>		<b>1,777,454</b>		<b>7,109,816</b>

App. 2.5-10 Construction Cost for Badagiriya Scheme

(3/5)

B-4 Block-2 (DC I, FC11 ~ 29)

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-BV	m	2,198	3,540	7,781,644	708	1,556,329	2,832	6,225,315
	type-BVI	m		2,639	0	528	0	2,111	0
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m		124	0	25	0	99	0
	Field Canal	m	8,858	230	2,037,340	46	407,468	184	1,629,872
	Drainage Canal	m	5,200	140	728,000	28	145,600	112	582,400
	Sub-total		16,256		10,546,984		2,109,397		8,437,587
<b>2. Canal Structures</b>									
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0
		type-Iii	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0
		type-IIt	nos	36	27,043	973,551	5,409	194,710	21,634
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0
		type-Ir	nos	6	54,504	327,026	10,901	65,405	43,603
2-4	Drop	type-IId	nos	93,900	0	18,780	0	75,120	0
		type-IId	nos	17	38,732	658,447	7,746	131,689	30,936
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0
		type-Iu	nos		70,127	0	14,025	0	56,102
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0
		type-Iw	nos		46,902	0	9,380	0	37,521
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0
		type-Io	nos	4	120,420	481,682	24,084	96,336	96,336
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0
		type-Ip	nos	2	14,235	28,470	2,847	5,694	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0
		type-Ia	nos	2	45,653	91,307	9,131	18,261	36,523
	Sub-total		67		2,560,483		512,097		2,048,387
<b>Total</b>					<b>13,107,467</b>		<b>2,621,493</b>		<b>10,485,974</b>



App. 2.5-10 Construction Cost for Badagiriya Scheme

(4/5)

B-5 Block-3 (DC 3, FC35 ~ 43)

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
<b>1. Canal Works</b>									
	type-LI	m		8,097	0	1,619	0	6,478	0
	type-LII	m		6,198	0	1,240	0	4,958	0
	type-LIII	m		5,558	0	1,112	0	4,447	0
	type-LIV	m		4,280	0	856	0	3,424	0
	type-BV	m		3,540	0	708	0	2,832	0
	type-BVI	m	844	2,639	2,227,562	528	445,512	2,111	1,782,049
	type-EIa	m		1,144	0	229	0	915	0
	type-EIb	m		963	0	193	0	771	0
	type-EII	m		610	0	122	0	488	0
	type-EIII	m		577	0	115	0	462	0
	type-EIV	m		511	0	102	0	409	0
	type-EV	m		380	0	76	0	304	0
	type-EVI	m	900	124	111,661	25	22,332	99	89,328
	Field Canal	m	6,283	230	1,445,090	46	289,018	184	1,156,072
	Drainage Canal	m	3,150	140	441,000	28	88,200	112	352,800
	Sub-total		11,177		4,225,312		845,062		3,380,250
<b>2. Canal Structures</b>									
2-1	Intake	type-li	nos	391,436	0	78,287	0	313,149	0
		type-lII	nos	148,993	0	29,799	0	119,194	0
2-2	Turnout	type-lt	nos	46,733	0	9,347	0	37,387	0
		type-lIt	nos	39	27,043	1,054,681	5,409	210,936	21,634
2-3	Regulator	type-lr	nos	73,104	0	14,621	0	58,483	0
		type-lr	nos	13	54,504	708,556	10,901	141,711	43,603
2-4	Drop	type-ld	nos	93,900	0	18,780	0	75,120	0
		type-lId	nos	16	38,732	619,715	7,746	123,943	30,986
2-5	Under Crossing	type-lu	nos	75,429	0	15,086	0	60,343	0
		type-lIu	nos	70,127	0	14,025	0	56,102	0
2-6	Spillway	type-lw	nos	93,803	0	18,761	0	75,043	0
		type-lIw	nos	46,902	0	9,380	0	37,521	0
2-7	Over Bridge	type-lo	nos	232,961	0	46,592	0	186,369	0
		type-lIo	nos	3	120,420	361,261	24,084	72,252	96,336
2-8	Parshall Flume	type-lp	nos	21,239	0	4,248	0	16,991	0
		type-lIp	nos	1	14,235	14,235	2,847	2,847	11,388
2-9	Aqueduct	type-la	nos	3,199,921	0	639,984	0	2,559,937	0
		type-lIa	nos	1	45,653	45,653	9,131	9,131	36,523
2-10	Canal Section	type-ls	nos	12,135	0	2,427	0	9,708	0
		type-lIs	nos	10,189	0	2,038	0	8,151	0
		type-lIIs	nos	18	4,445	80,017	889	16,003	3,556
	Sub-total		91		2,884,119		576,824		2,307,295
<b>Total</b>					<b>7,109,431</b>		<b>1,421,886</b>		<b>5,687,545</b>

## App. 2.5-10 Construction Cost for Badagiriya Scheme

## B-6 Block-4 (Proposed Area)

Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
				Unit price	Amount	Unit price	Amount	Unit price	Amount	
<b>1. Canal Works</b>										
	type-LI	m		8,097	0	1,619	0	6,478	0	
	type-LII	m		6,198	0	1,240	0	4,958	0	
	type-LIII	m		5,558	0	1,112	0	4,447	0	
	type-LIV	m		4,280	0	856	0	3,424	0	
	type-BV	m		3,540	0	708	0	2,832	0	
	type-BVI	m	2,300	2,639	6,070,370	528	1,214,074	2,111	4,856,296	
	type-EIa	m		1,144	0	229	0	915	0	
	type-EIb	m		963	0	193	0	771	0	
	type-EII	m		610	0	122	0	488	0	
	type-EIII	m		577	0	115	0	462	0	
	type-EIV	m		511	0	102	0	409	0	
	type-EV	m		380	0	76	0	304	0	
	type-EVI	m		124	0	25	0	99	0	
	Field Canal	m	3,700	230	851,000	46	170,200	184	680,800	
	Drainage Canal	m	1,850	140	259,000	28	51,800	112	207,200	
	Sub-total		7,850		7,180,370		1,436,074		5,744,296	
<b>2. Canal Structures</b>										
2-1	Intake	type-Ii	nos	391,436	0	78,287	0	313,149	0	
		type-IIi	nos	148,993	0	29,799	0	119,194	0	
2-2	Turnout	type-IIt	nos	46,733	0	9,347	0	37,387	0	
		type-IIIt	nos	20	27,043	540,862	5,409	108,172	21,634	432,689
2-3	Regulator	type-Ir	nos	73,104	0	14,621	0	58,483	0	
		type-IIr	nos	2	54,504	109,009	10,901	21,802	43,603	87,207
2-4	Drop	type-Id	nos	93,900	0	18,780	0	75,120	0	
		type-IIId	nos	38,732	0	7,746	0	30,986	0	
2-5	Under Crossing	type-Iu	nos	75,429	0	15,086	0	60,343	0	
		type-IIu	nos	2	70,127	140,254	14,025	28,051	56,102	112,203
2-6	Spillway	type-Iw	nos	93,803	0	18,761	0	75,043	0	
		type-IIw	nos	2	46,902	93,803	9,380	18,761	37,521	75,043
2-7	Over Bridge	type-Io	nos	232,961	0	46,592	0	186,369	0	
		type-IIo	nos	8	120,420	963,364	24,084	192,673	96,336	770,691
2-8	Parshall Flume	type-Ip	nos	21,239	0	4,248	0	16,991	0	
		type-IIp	nos	1	14,235	14,235	2,847	2,847	11,388	11,388
2-9	Aqueduct	type-Ia	nos	3,199,921	0	639,984	0	2,559,937	0	
		type-IIa	nos	1	45,653	45,653	9,131	9,131	36,523	36,523
	Sub-total				1,907,180		381,436		1,525,744	
<b>3. Land Conservation</b>										
3-1	Clearing & Grubbing		ha	92.1	20,073	1,848,703	4,015	369,741	16,058	1,478,962
3-2	Miscel Work (30%)					554,611		110,922		443,689
	Sub-total					1,959,625		480,663		1,478,962
<b>Total</b>						<b>11,047,175</b>		<b>2,298,173</b>		<b>8,749,002</b>
<b>Badagiriya Total</b>						<b>106,597,367</b>		<b>21,408,211</b>		<b>85,189,156</b>

**App. 2.5-11 Cost Breakdown for Canal Works**

(1/4)

**I-1 Rubble Masonry Lining : Type-I.I (per meter) BxH=8.0x1.7m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	1.20	89	106	18	21	71	85
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	7.10	67	478	13	96	54	382
4. Slop Protection	Turffling	m2	1.20	20	24	4	5	16	19
5. Rubble Masonry Lining		m2	11.70	512	5,996	102	1,199	410	4,796
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				6,748		1,350		5,398
Miscel Work (20%)					1,350		270		1,080
<b>Total</b>					<b>8,097</b>		<b>1,619</b>		<b>6,478</b>

**I-2 Rubble Masonry Lining : Type-I.II (per meter) BxH=5.0x2.0m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	1.50	89	133	18	27	71	106
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	1.70	67	114	13	23	54	92
4. Slop Protection	Turffling	m2	0.40	20	8	4	2	16	6
5. Rubble Masonry Lining		m2	9.30	512	4,766	102	953	410	3,813
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				5,165		1,033		4,132
Miscel Work (20%)					1,033		207		826
<b>Total</b>					<b>6,198</b>		<b>1,240</b>		<b>4,958</b>

**I-3 Rubble Masonry Lining : Type-I.III (per meter) BxH=4.0x1.8m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	0.80	89	71	18	14	71	57
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	3.00	67	202	13	40	54	162
4. Slop Protection	Turffling	m2	1.30	20	26	4	5	16	20
5. Rubble Masonry Lining		m2	7.90	512	4,048	102	810	410	3,239
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.60	235	141	47	28	188	113
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				4,632		926		3,706
Miscel Work (20%)					926		185		741
<b>Total</b>					<b>5,558</b>		<b>1,112</b>		<b>4,447</b>

**I-4 Rubble Masonry Lining : Type-I.IV (per meter) BxH=3.0x1.4m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	1.50	89	133	18	27	71	106
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	0.80	67	54	13	11	54	43
4. Slop Protection	Turffling	m2	1.00	20	20	4	4	16	16
5. Rubble Masonry Lining		m2	6.00	512	3,075	102	615	410	2,460
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.60	235	141	47	28	188	113
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				3,566		713		2,853
Miscel Work (20%)					713		143		571
<b>Total</b>					<b>4,280</b>		<b>856</b>		<b>3,424</b>

## App. 2.5-11 Cost Breakdown for Canal Works

**L-5 Rubble Masonry Lining : Type-LV (per meter) BxH=2.0x1.4m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation Common	m3	0.50	89	44	18	9	71	35
2. Excavation Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling	m3	2.72	67	183	13	37	54	146
4. Slop Protection Turfing	m2	0.85	20	17	4	3	16	13
5. Rubble Masonry Lining	m2	5.00	512	2,562	102	512	410	2,050
6. Mass concrete (1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement	kg	0.00	46	0	9	0	36	0
8. Shuttering 3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way Gravel	m3	0.90	160	144	32	29	128	115
		sub-total		2,950		590		2,360
Miscel Work (20%)				590		118		472
<b>Total</b>				<b>3,540</b>		<b>708</b>		<b>2,832</b>

**L-6 Rubble Masonry Lining : Type-LVI (per meter) BxH=1.0x1.0m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation Common	m3	0.50	89	44	18	9	71	35
2. Excavation Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling	m3	0.68	67	46	13	9	54	37
4. Slop Protection Turfing	m2	1.13	20	22	4	4	16	18
5. Rubble Masonry Lining	m2	3.20	512	1,640	102	328	410	1,312
6. Mass concrete (1:4:8)	m3	0.12	2,528	303	506	61	2,022	243
7. Reinforcement	kg	0.00	46	0	9	0	36	0
8. Shuttering 3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way Gravel	m3	0.90	160	144	32	29	128	115
		sub-total		2,199		440		1,760
Miscel Work (20%)				440		88		352
<b>Total</b>				<b>2,639</b>		<b>528</b>		<b>2,111</b>

**E-1 Earth Lining : Type-E1a (per meter) for WRB Main STA 0 ~ 7.2km BxH=8.0x2.8m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation Common	m3	5.80	89	515	18	103	71	412
2. Excavation Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling	m3	3.21	67	216	13	43	54	173
4. Slop Protection Turfing	m2	4.00	20	79	4	16	16	63
5. Brick Masonry Lining	m3	0.00	1,509	0	302	0	1,207	0
6. Mass concrete (1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement	kg	0.00	46	0	9	0	36	0
8. Shuttering 3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way Gravel	m3	0.90	160	144	32	29	128	115
		sub-total		953		191		763
Miscel Work (20%)				191		38		153
<b>Total</b>				<b>1,144</b>		<b>229</b>		<b>915</b>

**E-2 Earth Lining : Type-E1b (per meter) for WRB Main STA 7.2 ~ 11.73km BxH=8.0x2.8m**

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation Common	m3	4.20	89	373	18	75	71	298
2. Excavation Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling	m3	3.20	67	215	13	43	54	172
4. Slop Protection Turfing	m2	3.60	20	71	4	14	16	57
5. Brick Masonry Lining	m3	0.00	1,509	0	302	0	1,207	0
6. Mass concrete (1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement	kg	0.00	46	0	9	0	36	0
8. Shuttering 3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way Gravel	m3	0.90	160	144	32	29	128	115
		sub-total		803		161		642
Miscel Work (20%)				161		32		128
<b>Total</b>				<b>963</b>		<b>193</b>		<b>771</b>

## App. 2.5-11 Cost Breakdown for Canal Works

E-3 Earth Lining : Type-EII (per meter)				BxH=5.0x2.2m					
Work Items	Unit	Quantity	Total Cost (Rs)		Forein Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	1.50	89	133	18	27	71	106
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	2.50	67	168	13	34	54	135
4. Slop Protection	Turffing	m2	3.20	20	63	4	13	16	50
5. Brick Mosonry Lining		m3	0.00		0	302	0	1,207	0
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				508		102		407
	Miscel Work (20%)				102		20		81
	<b>Total</b>				<b>610</b>		<b>122</b>		<b>488</b>

E-4 Earth Lining : Type-EIII (per meter)				BxH=4.0x2.0m					
Work Items	Unit	Quantity	Total Cost (Rs)		Forein Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	0.50	89	44	18	9	71	35
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	3.50	67	236	13	47	54	188
4. Slop Protection	Turffing	m2	2.90	20	57	4	11	16	46
5. Brick Mosonry Lining		m3	0.00		0	302	0	1,207	0
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				481		96		385
	Miscel Work (20%)				96		19		77
	<b>Total</b>				<b>577</b>		<b>115</b>		<b>462</b>

E-5 Earth Lining : Type-EIV (per meter)				BxH=3.0x1.5m					
Work Items	Unit	Quantity	Total Cost (Rs)		Forein Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	1.40	89	124	18	25	71	99
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	1.70	67	114	13	23	54	92
4. Slop Protection	Turffing	m2	2.20	20	43	4	9	16	35
5. Brick Mosonry Lining		m3	0.00	1,509	0	302	0	1,207	0
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				426		85		341
	Miscel Work (20%)				85		17		68
	<b>Total</b>				<b>511</b>		<b>102</b>		<b>409</b>

E-6 Earth Lining : Type-EV (per meter)				BxH=2.0x1.4m					
Work Items	Unit	Quantity	Total Cost (Rs)		Forein Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	0.50	89	44	18	9	71	35
2. Excavation	Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling		m3	1.49	67	100	13	20	54	80
4. Slop Protection	Turffing	m2	1.41	20	28	4	6	16	22
5. Brick Mosonry Lining		m3	0.00		0	302	0	1,207	0
6. Mass concrete	(1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement		kg	0.00	46	0	9	0	36	0
8. Shuttering	3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way	Gravel	m3	0.90	160	144	32	29	128	115
	sub-total				316		63		253
	Miscel Work (20%)				63		13		51
	<b>Total</b>				<b>380</b>		<b>76</b>		<b>304</b>

## App. 2.5-11 Cost Breakdown for Canal Works

E-7 Earth Lining : Type-EVI (per meter) BxH=1.0x1.0m

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation Common	m3	0.50	89	44	18	9	71	35
2. Excavation Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling	m3	0.71	67	48	13	10	54	38
4. Slop Protection Turffing	m2	0.57	20	11	4	2	16	9
5. Brick Masonry Lining	m3	0.00	1,509	0	302	0	1,207	0
6. Mass concrete (1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement	kg	0.00	46	0	9	0	36	0
8. Shuttering 3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way Gravel	m3	0.00	160	0	32	0	128	0
	sub-total			103		21		83
Miscel Work (20%)				21		4		17
<b>Total</b>				<b>124</b>		<b>25</b>		<b>99</b>

E-8 Earth Lining : Type-I.Ic (per meter) BxH=8.0x2.8m  
for Bada Feeder Canal

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation Common	m3	5.80	89	515	18	103	71	412
2. Excavation Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling	m3	3.21	67	216	13	43	54	173
4. Slop Protection Turffing	m2	4.00	20	79	4	16	16	63
5. Rubble Masonry Lining	m2	11.70	512	5,996	102	1,199	410	4,796
6. Mass concrete (1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement	kg	0.00	46	0	9	0	36	0
8. Shuttering 3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way Gravel	m3	0.90	160	144	32	29	128	115
	sub-total			6,949		1,390		5,559
Miscel Work (20%)				1,390		278		1,112
<b>Total</b>				<b>8,339</b>		<b>1,668</b>		<b>6,671</b>

## Farm Road

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation Common	m3	0.00	89	0	18	0	71	0
2. Excavation Rock	m3	0.00	341	0	68	0	273	0
3. Earthfilling	m3	4.00	67	269	13	54	54	215
4. Slop Protection Turffing	m2	2.80	20	55	4	11	16	44
5. Rubble Masonry Lining	m2	0.00	512	0	102	0	410	0
6. Mass concrete (1:4:8)	m3	0.00	2,528	0	506	0	2,022	0
7. Reinforcement	kg	0.00	46	0	9	0	36	0
8. Shuttering 3 uses	m2	0.00	235	0	47	0	188	0
9. Wearing Road way Gravel	m3	0.90	160	144	32	29	128	115
	sub-total			468		94		375
Miscel Work (20%)				94		19		75
<b>Total</b>				<b>562</b>		<b>112</b>		<b>450</b>

## App.2.5-12 Cost Breakdown for Canal Structures

## S-1 Intake : Type-II (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	148.6	89	13,184	17.7	2,637	71.0	10,547
2. Earthfilling		m3	50.7	67	3,413	13.5	683	53.9	2,731
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	26.3	3,225	84,809	644.9	16,962	2,579.7	67,847
5. Mass concrete (1:4:8)		m3	40.3	2,528	101,877	505.6	20,375	2,022.4	81,501
6. Reinforcement		kg	263.0	46	11,988	9.1	2,398	36.5	9,590
7. Shuttering	3 uses	m2	256.4	235	60,350	47.1	12,070	188.3	48,280
8. Gate for turnout		nos	0.0	0	0	0	0	0	0
9. Wooden gate for reg 4'x4'		nos	2.0	630	1,260	126.0	252	504.0	1,008
10. RCC Pipe laying		nos	0.0	0	0	0	0	0	0
11. Rubble Masonry		m3	12.8	1,893	24,225	378.5	4,845	1,514.1	19,380
	sub-total				301,105		60,221		240,884
	Miscel Work (30%)				90,331		18,066		72,265
	<b>Total</b>				<b>391,436</b>		<b>78,287</b>		<b>313,149</b>

## S-2 Intake : Type-III (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	71.9	89	6,379	17.7	1,276	71.0	5,103
2. Earthfilling		m3	37.4	67	2,518	13.5	504	53.9	2,014
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	8.0	3,225	25,797	644.9	5,159	2,579.7	20,638
5. Mass concrete (1:4:8)		m3	13.2	2,528	33,369	505.6	6,674	2,022.4	26,695
6. Reinforcement		kg	204.0	46	9,298	9.1	1,860	36.5	7,439
7. Shuttering	3 uses	m2	81.6	235	19,207	47.1	3,841	188.3	15,365
8. Gate for turnout		nos	0.0	0	0	0	0	0	0
9. Wooden gate for reg 4'x4'		nos	1.0	630	630	126.0	126	504.0	504
10. RCC Pipe laying		nos	0.0	0	0	0	0	0	0
11. Rubble Masonry		m3	9.2	1,893	17,412	378.5	3,482	1,514.1	13,929
	sub-total				114,610		22,922		91,688
	Miscel Work (30%)				34,383		6,877		27,506
	<b>Total</b>				<b>148,993</b>		<b>29,799</b>		<b>119,194</b>

## S-3 Turnout : Type-II (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	7.7	89	681	17.7	136	71.0	545
2. Earthfilling		m3	6.2	67	420	13.5	84	53.9	336
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	1.9	3,225	6,159	644.9	1,232	2,579.7	4,927
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	19.1	46	871	9.1	174	36.5	696
7. Shuttering	3 uses	m2	7.6	235	1,798	47.1	360	188.3	1,439
8. Gate for turnout	D=18"	nos	1.0	13,832	13,832	2,766.5	2,766	11,065.9	11,066
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	6.5	1,360	8,837	271.9	1,767	1,087.6	7,070
11. Rubble Masonry		m3	1.8	1,893	3,350	378.5	670	1,514.1	2,680
	sub-total				35,949		7,190		28,759
	Miscel Work (30%)				10,785		2,157		8,628
	<b>Total</b>				<b>46,733</b>		<b>9,347</b>		<b>37,387</b>

## S-4 Turnout : Type-III (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	7.7	89	681	17.7	136	71.0	545
2. Earthfilling		m3	6.2	67	420	13.5	84	53.9	336
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	1.8	3,225	5,708	644.9	1,142	2,579.7	4,566
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	16.6	46	757	9.1	151	36.5	605
7. Shuttering	3 uses	m2	6.6	235	1,563	47.1	313	188.3	1,250
8. Gate for turnout	D=9"	nos	1.0	5,012	5,012	1,002.4	1,002	4,009.6	4,010
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=9"	m	6.5	510	3,312	101.9	662	407.6	2,649
11. Rubble Masonry		m3	1.8	1,893	3,350	378.5	670	1,514.1	2,680
	sub-total				20,802		4,160		16,642
	Miscel Work (30%)				6,241		1,248		4,993
	<b>Total</b>				<b>27,043</b>		<b>5,409</b>		<b>21,634</b>

## App.2.5-12 Cost Breakdown for Canal Structures

## S-5 Regulator : Type-Ir (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	10.8	89	960	17.7	192	71.0	768
2. Earthfilling		m3	5.8	67	393	13.5	79	53.9	315
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	10.3	3,225	33,085	644.9	6,617	2,579.7	26,468
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	102.6	46	4,677	9.1	935	36.5	3,741
7. Shuttering	3 uses	m2	41.0	235	9,660	47.1	1,932	188.3	7,728
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for reg 4.5'x4.5'		nos	2.0	863	1,725	172.5	345	690.0	1,380
10. RCC Pipe laying		m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	3.0	1,893	5,735	378.5	1,147	1,514.1	4,588
	sub-total				56,234		11,247		44,987
Miscel Work (30%)				16,870		3,374			13,496
<b>Total</b>				<b>73,104</b>		<b>14,621</b>			<b>58,483</b>

## S-6 Regulator : Type-IIr (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	7.1	89	627	17.7	125	71.0	502
2. Earthfilling		m3	3.5	67	234	13.5	47	53.9	187
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	7.7	3,225	24,669	644.9	4,934	2,579.7	19,735
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	76.5	46	3,487	9.1	697	36.5	2,790
7. Shuttering	3 uses	m2	30.6	235	7,202	47.1	1,440	188.3	5,762
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for reg 4.5'x4.5'		nos	1.0	863	863	172.5	173	690.0	690
10. RCC Pipe laying		m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	2.6	1,893	4,845	378.5	969	1,514.1	3,876
	sub-total				41,926		8,385		33,541
Miscel Work (30%)				12,578		2,516			10,062
<b>Total</b>				<b>54,504</b>		<b>10,901</b>			<b>43,603</b>

## S-7 Drop : Type-Id (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	61.9	89	5,493	17.7	1,099	71.0	4,394
2. Earthfilling		m3	3.4	67	230	13.5	46	53.9	184
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	13.8	3,225	44,500	644.9	8,900	2,579.7	35,600
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	138.0	46	6,290	9.1	1,258	36.5	5,032
7. Shuttering	3 uses	m2	55.2	235	12,993	47.1	2,599	188.3	10,394
8. Gate for turnout	D=18"	nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	1.4	1,893	2,725	378.5	545	1,514.1	2,180
	sub-total				72,231		14,446		57,784
Miscel Work (30%)				21,669		4,334			17,335
<b>Total</b>				<b>93,900</b>		<b>18,780</b>			<b>75,120</b>

## S-8 Drop : Type-IIId (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	28.3	89	2,512	17.7	502	71.0	2,009
2. Earthfilling		m3	3.0	67	199	13.5	40	53.9	159
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	5.3	3,225	16,994	644.9	3,399	2,579.7	13,595
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	52.7	46	2,402	9.1	480	36.5	1,922
7. Shuttering	3 uses	m2	21.1	235	4,962	47.1	992	188.3	3,969
8. Gate for turnout	D=18"	nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	1.4	1,893	2,725	378.5	545	1,514.1	2,180
	sub-total				29,794		5,959		23,835
Miscel Work (30%)				8,938		1,788			7,151
<b>Total</b>				<b>38,732</b>		<b>7,746</b>			<b>30,986</b>



## App.2.5-12 Cost Breakdown for Canal Structures

## S-9 Under Crossing : Type-Iu (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	7.6	89	678	17.7	136	71.0	542
2. Earthfilling		m3	2.5	67	166	13.5	33	53.9	133
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	8.4	3,225	27,087	644.9	5,417	2,579.7	21,670
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	84.0	46	3,829	9.1	766	36.5	3,063
7. Shuttering	3 uses	m2	33.6	235	7,909	47.1	1,582	188.3	6,327
8. Gate for turnout		nos	0.0	0	0		0		0
9. Wooden gate for regulator		nos	0.0	390	0	78.0	0	312.0	0
10. RCC Pipe laying	D=18"	nos	13.5	1,360	18,354	271.9	3,671	1,087.6	14,683
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				58,022		11,604		46,418
	Miscel Work (30%)				17,407		3,481		13,925
	<b>Total</b>				<b>75,429</b>		<b>15,086</b>		<b>60,343</b>

## S-10 Under Crossing : Type-Ilu (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	7.6	89	678	17.7	136	71.0	542
2. Earthfilling		m3	2.5	67	166	13.5	33	53.9	133
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	8.4	3,225	27,087	644.9	5,417	2,579.7	21,670
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	84.0	46	3,829	9.1	766	36.5	3,063
7. Shuttering	3 uses	m2	33.6	235	7,909	47.1	1,582	188.3	6,327
8. Gate for turnout		nos	0.0	0	0		0		0
9. Wooden gate for regulator		nos	0.0	390	0	78.0	0	312.0	0
10. RCC Pipe laying	D=18"	nos	10.5	1,360	14,275	271.9	2,855	1,087.6	11,420
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				53,944		10,789		43,155
	Miscel Work (30%)				16,183		3,237		12,947
	<b>Total</b>				<b>70,127</b>		<b>14,025</b>		<b>56,102</b>

## S-11 Spillway : Type-Iw (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	15.0	89	1,331	17.7	266	71.0	1,065
2. Earthfilling		m3	0.0	67	0	13.5	0	53.9	0
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	14.3	3,225	46,113	644.9	9,223	2,579.7	36,890
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	143.0	46	6,518	9.1	1,304	36.5	5,214
7. Shuttering	3 uses	m2	57.2	235	13,463	47.1	2,693	188.3	10,771
8. Gate for turnout	D=18"	nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	2.5	1,893	4,731	378.5	946	1,514.1	3,785
	sub-total				72,156		14,431		57,725
	Miscel Work (30%)				21,647		4,329		17,318
	<b>Total</b>				<b>93,803</b>		<b>18,761</b>		<b>75,043</b>

## S-12 Spillway : Type-Iiw (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	7.5	89	665	17.7	133	71.0	532
2. Earthfilling		m3	0.0	67	0	13.5	0	53.9	0
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	7.2	3,225	23,056	644.9	4,611	2,579.7	18,445
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	71.5	46	3,259	9.1	652	36.5	2,607
7. Shuttering	3 uses	m2	28.6	235	6,732	47.1	1,346	188.3	5,385
8. Gate for turnout	D=18"	nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	1.3	1,893	2,366	378.5	473	1,514.1	1,893
	sub-total				36,078		7,216		28,863
	Miscel Work (30%)				10,823		2,165		8,659
	<b>Total</b>				<b>46,902</b>		<b>9,380</b>		<b>37,521</b>

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## S-13 Over Bridge : Type-Io (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	97.2	89	8,623	17.7	1,725	71.0	6,898
2. Earthfilling		m3	90.7	67	6,107	13.5	1,221	53.9	4,885
3. Stop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	28.4	3,225	91,548	644.9	18,310	2,579.7	73,238
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	567.8	46	25,881	9.1	5,176	36.5	20,704
7. Shuttering	3 uses	m2	113.6	235	26,729	47.1	5,346	188.3	21,383
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Handrail		m	13.8	1,472	20,314	294.4	4,063	1,177.6	16,251
10. RCC Pipe laying		m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				179,201		35,840		143,361
	Miscel Work (30%)				53,760		10,752		43,008
	<b>Total</b>				<b>232,961</b>		<b>46,592</b>		<b>186,369</b>

## S-14 Over Bridge : Type-IIo (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	44.0	89	3,904	17.7	781	71.0	3,123
2. Earthfilling		m3	34.9	67	2,349	13.5	470	53.9	1,879
3. Stop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	14.8	3,225	47,564	644.9	9,513	2,579.7	38,051
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	295.0	46	13,446	9.1	2,689	36.5	10,757
7. Shuttering	3 uses	m2	59.0	235	13,887	47.1	2,777	188.3	11,110
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Handrail		m	7.8	1,472	11,482	294.4	2,296	1,177.6	9,185
10. RCC Pipe laying		m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				92,631		18,526		74,105
	Miscel Work (30%)				27,789		5,558		22,231
	<b>Total</b>				<b>120,420</b>		<b>24,084</b>		<b>96,336</b>

## S-15 Parshall Flume : Type-Ip (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	22.5	89	1,996	17.7	399	71.0	1,597
2. Earthfilling		m3	10.5	67	707	13.5	141	53.9	565
3. Stop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	3.0	3,225	9,513	644.9	1,903	2,579.7	7,610
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	29.5	46	1,345	9.1	269	36.5	1,076
7. Shuttering	3 uses	m2	11.8	235	2,777	47.1	555	188.3	2,222
8. Gate for turnout	D=18"	nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				16,338		3,268		13,070
	Miscel Work (30%)				4,901		980		3,921
	<b>Total</b>				<b>21,239</b>		<b>4,248</b>		<b>16,991</b>

## S-16 Parshall Flume : Type-IIp (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	10.0	89	887	17.7	177	71.0	710
2. Earthfilling		m3	6.0	67	404	13.5	81	53.9	323
3. Stop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	2.1	3,225	6,772	644.9	1,354	2,579.7	5,417
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	21.0	46	957	9.1	191	36.5	766
7. Shuttering	3 uses	m2	8.2	235	1,930	47.1	386	188.3	1,544
8. Gate for turnout	D=18"	nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				10,950		2,190		8,760
	Miscel Work (30%)				3,285		657		2,628
	<b>Total</b>				<b>14,235</b>		<b>2,847</b>		<b>11,388</b>

## App.2.5-12 Cost Breakdown for Canal Structures

## S-17 Aqueduct : Type-Ia (per meter)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	75.7	89	6,714	17.7	1,343	71.0	5,371
2. Earthfilling		m3	57.7	67	3,886	13.5	777	53.9	3,109
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete	(1:2:4)	m3	271.7	3,225	876,140	644.9	175,228	2,579.7	700,912
5. Mass concrete	(1:4:8)	m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	21,736.0	46	990,734	9.1	198,147	36.5	792,587
7. Shuttering	3 uses	m2	1,086.8	235	255,806	47.1	51,161	188.3	204,645
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying		m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				2,133,281		426,656		1,706,624
	Miscel Work (50%)				1,066,640		213,328		853,312
	<b>Total</b>				<b>3,199,921</b>		<b>639,984</b>		<b>2,559,937</b>

## S-18 Aqueduct : Type-IIa (per meter)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	18.5	89	1,643	17.7	329	71.0	1,314
2. Earthfilling		m3	16.0	67	1,077	13.5	215	53.9	862
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete	(1:2:4)	m3	5.6	3,225	18,058	644.9	3,612	2,579.7	14,446
5. Mass concrete	(1:4:8)	m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement		kg	112.0	46	5,105	9.1	1,021	36.5	4,084
7. Shuttering	3 uses	m2	11.4	235	2,674	47.1	535	188.3	2,139
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=12"	m	8.0	820	6,561	164.0	1,312	656.1	5,249
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
	sub-total				35,118		7,024		28,094
	Miscel Work (30%)				10,535		2,107		8,428
	<b>Total</b>				<b>45,653</b>		<b>9,131</b>		<b>36,523</b>

## App.2.5-12 Cost Breakdown for Canal Structures

S-19 Standard Sectional Structure : Type-Is (per section)										B=8 m
Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		Amount	
			Unit price	Amount	Unit price	Amount	Unit price	Amount		
1. Excavation	Common	m3	4.3	89	381	17.7	76	71.0	305	
2. Earthfilling		m3	3.2	67	215	13.5	43	53.9	172	
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0	
4. Reinforced concrete (1:2:4)		m3	1.5	3,225	4,934	644.9	987	2,579.7	3,947	
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0	
6. Reinforcement		kg	15.3	46	697	9.1	139	36.5	558	
7. Shuttering	3 uses	m2	13.2	235	3,107	47.1	621	188.3	2,486	
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0	
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0	
10. RCC Pipe laying D=12"		m	0.0	820	0	164.0	0	656.1	0	
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0	
	sub-total				9,335		1,867		7,468	
	Miscel Work (30%)				2,800		560		2,240	
	<b>Total</b>				<b>12,135</b>		<b>2,427</b>		<b>9,708</b>	

S-20 Standard Sectional Structure : Type-IIs (per section)										B=3-5 m
Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		Amount	
			Unit price	Amount	Unit price	Amount	Unit price	Amount		
1. Excavation	Common	m3	3.7	89	328	17.7	66	71.0	263	
2. Earthfilling		m3	2.8	67	188	13.5	38	53.9	151	
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0	
4. Reinforced concrete (1:2:4)		m3	1.3	3,225	4,063	644.9	813	2,579.7	3,250	
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0	
6. Reinforcement		kg	12.6	46	574	9.1	115	36.5	459	
7. Shuttering	3 uses	m2	11.4	235	2,683	47.1	537	188.3	2,147	
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0	
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0	
10. RCC Pipe laying D=12"		m	0.0	820	0	164.0	0	656.1	0	
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0	
	sub-total				7,837		1,567		6,270	
	Miscel Work (30%)				2,351		470		1,881	
	<b>Total</b>				<b>10,189</b>		<b>2,038</b>		<b>8,151</b>	

S-21 Standard Sectional Structure : Type-IIIs (per section)										B=1-2 m
Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		Amount	
			Unit price	Amount	Unit price	Amount	Unit price	Amount		
1. Excavation	Common	m3	1.2	89	106	17.7	21	71.0	85	
2. Earthfilling		m3	0.9	67	61	13.5	12	53.9	48	
3. Slop protection	Turffling	m2	0.0	20	0	3.9	0	15.8	0	
4. Reinforced concrete (1:2:4)		m3	0.5	3,225	1,612	644.9	322	2,579.7	1,290	
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0	
6. Reinforcement		kg	5.0	46	228	9.1	46	36.5	182	
7. Shuttering	3 uses	m2	6.0	235	1,412	47.1	282	188.3	1,130	
8. Gate for turnout		nos	0.0	13,832	0	2,766.5	0	11,065.9	0	
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0	
10. RCC Pipe laying D=12"		m	0.0	820	0	164.0	0	656.1	0	
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0	
	sub-total				3,420		684		2,736	
	Miscel Work (30%)				1,026		205		821	
	<b>Total</b>				<b>4,445</b>		<b>889</b>		<b>3,556</b>	

## App.2.5-12 Cost Breakdown for Canal Structures

## TS-1 Resectloning of Bund (per meter)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
			Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Excavation	Common	m3	89	0	17.7	0	71.0	0
2. Earthfilling		m3	52.5	67	13.5	707	53.9	2,827
3. Slop protection	Turffing	m2	8.0	20	3.9	32	15.8	126
4. Road wearing	Gravel	m3	0.9	160	32.0	29	127.8	115
		sub-total		3,836		767		3,069
Miscel Work (20%)				767		153		614
<b>Total</b>				<b>4,603</b>		<b>921</b>		<b>3,682</b>

## TS-2 Culvert with Gates (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	148.6	89	13,184	17.7	2,637	71.0	10,547
2. Earthfilling		m3	50.7	67	3,413	13.5	683	53.9	2,731
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	26.3	3,225	84,809	644.9	16,962	2,579.7	67,847
5. Mass concrete (1:4:8)		m3	40.3	2,528	101,877	505.6	20,375	2,022.4	81,501
6. Reinforcement		kg	263.0	46	11,988	9.1	2,398	36.5	9,590
7. Shuttering	3 uses	m2	256.4	235	60,350	47.1	12,070	188.3	48,280
8. Gate for turnout		nos	0.0	0	0	0	0	0	0
9. Wooden gate for reg 4'x4'		nos	2.0	630	1,260	126.0	252	504.0	1,008
10. RCC Pipe laying		nos	0.0	0	0	0	0	0	0
11. Rubble Masonry		m3	12.8	1,893	24,225	378.5	4,845	1,514.1	19,380
		sub-total		301,105		60,221		240,884	
Miscel Work (30%)				90,331		18,066		72,265	
<b>Total</b>				<b>391,436</b>		<b>78,287</b>		<b>313,149</b>	

## TS-3 Drainage Canal Excavation/Enlargement (per meter)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	2.0	89	177	17.7	35	71.0	142
2. Earthfilling		m3	2.0	67	135	13.5	27	53.9	108
3. Slop protection	Turffing	m2	1.0	20	20	3.9	4	15.8	16
		sub-total		332		66		265	
Miscel Work (20%)				66		13		53	
<b>Total</b>				<b>398</b>		<b>80</b>		<b>319</b>	

## TS-4 Protection Works (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	2.0	89	177	17.7	35	71.0	142
2. Earthfilling		m3	2.0	67	135	13.5	27	53.9	108
3. Slop protection	Turffing	m2	2.0	20	39	3.9	8	15.8	32
4. Reinforced concrete (1:2:4)		m3	0.0	3,225	0	644.9	0	2,579.7	0
5. Mass concrete (1:4:8)		m3	9.2	2,528	23,131	505.6	4,626	2,022.4	18,505
6. Reinforcement	50kg/m3	kg	0.0	46	0	9.1	0	36.5	0
7. Shuttering	3 uses	m2	36.6	235	8,615	47.1	1,723	188.3	6,892
8. Flap Gate (3 gates)		nos		900,000	0	180,000.0	0	720,000.0	0
9. Wooden gate for regulator		nos		863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m		1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3		1,893	0	378.5	0	1,514.1	0
		sub-total		32,097		6,419		25,678	
Miscel Work (30%)				9,629		1,926		7,703	
<b>Total</b>				<b>41,726</b>		<b>8,345</b>		<b>33,381</b>	

## TS-5 Weejetota, 4 gates (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	15,000.0	89	1,330,780	17.7	266,156	71.0	1,064,624
2. Earthfilling		m3	0.0	67	0	13.5	0	53.9	0
3. Slop protection	Turffing	m2	0.0	20	0	3.9	0	15.8	0
4. Reinforced concrete (1:2:4)		m3	40.0	3,225	128,986	644.9	25,797	2,579.7	103,189
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	505.6	0	2,022.4	0
6. Reinforcement	50kg/m3	kg	2,000.0	46	91,161	9.1	18,232	36.5	72,929
7. Shuttering	3 uses	m2	160.0	235	37,660	47.1	7,532	188.3	30,128
8. Flap Gate (3 gates)		nos	4.0	900,000	3,600,000	180,000.0	720,000	720,000.0	2,880,000
9. Wooden gate for regulator		nos	0.0	863	0	172.5	0	690.0	0
10. RCC Pipe laying	D=18"	m	0.0	1,360	0	271.9	0	1,087.6	0
11. Rubble Masonry		m3	0.0	1,893	0	378.5	0	1,514.1	0
		sub-total		5,188,587		1,037,717		4,150,870	
Miscel Work (30%)				1,556,576		311,315		1,245,261	
<b>Total</b>				<b>6,745,163</b>		<b>1,349,033</b>		<b>5,396,131</b>	

## App. 2.5-13 Cost Breakdown for Anicut

### A-1 Main Structure : Type-Ias (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	909.5	89	80,688	18	16,138	71	64,550
2. Earthfilling		m3	103.0	67	6,931	13	1,386	54	5,545
3. Slope protection	Turfing	m2	0.0	20	0	4	0	16	0
4. Reinforced concrete (1:2:4)		m3	172.5	3,225	556,318	645	111,264	2,580	445,055
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	506	0	2,022	0
6. Reinforcement	50kg/m3	kg	8,628.0	46	393,267	9	78,653	36	314,614
7. Shuttering	3 uses	m2	690.1	235	162,428	47	32,486	188	129,942
8. Rubble Masonry		m3	9.2	1,893	17,336	379	3,467	1,514	13,869
	sub-total				1,216,968		243,394		973,575
Miscel Work (30%)					365,091		73,018		292,072
<b>Total</b>					<b>1,582,059</b>		<b>316,412</b>		<b>1,265,647</b>

### A-2 Revetment : (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	73.4	89	6,513	18	1,303	71	5,210
2. Earthfilling		m3	0.0	67	0	13	0	54	0
3. Slope protection	Turfing	m2	0.0	20	0	4	0	16	0
4. Reinforced concrete (1:2:4)		m3	7.6	3,225	24,378	645	4,876	2,580	19,503
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	506	0	2,022	0
6. Reinforcement		kg	378.0	46	17,229	9	3,446	36	13,783
7. Shuttering	3 uses	m2	30.2	235	7,118	47	1,424	188	5,694
8. Rubble Masonry		m3	73.4	1,893	138,935	379	27,787	1,514	111,148
	sub-total				194,173		38,835		155,339
Miscel Work (30%)					58,252		11,650		46,602
<b>Total</b>					<b>252,425</b>		<b>50,485</b>		<b>201,940</b>

### A-3 Spillway : (per number)

Work Items	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Excavation	Common	m3	612.0	89	54,299	18	10,860	71	43,440
2. Earthfilling		m3	103.0	67	6,931	13	1,386	54	5,545
3. Slope protection	Turfing	m2	0.0	20	0	4	0	16	0
4. Reinforced concrete (1:2:4)		m3	82.7	3,225	266,583	645	53,317	2,580	213,266
5. Mass concrete (1:4:8)		m3	0.0	2,528	0	506	0	2,022	0
6. Reinforcement		kg	4,133.5	46	188,406	9	37,681	36	150,725
7. Shuttering	3 uses	m2	330.7	235	77,834	47	15,567	188	62,267
8. Rubble Masonry		m3	9.2	1,893	17,336	379	3,467	1,514	13,869
	sub-total				611,390		122,278		489,112
Miscel Work (30%)					183,417		36,683		146,734
<b>Total</b>					<b>794,807</b>		<b>158,961</b>		<b>635,845</b>

### App. 2.5-14 Unit Cost for Construction Works

Works	Description/Haul/Size	Unit	F/C (%)	L/C (%)	Unit Price (Rs.)	F/C (Rs.)	L/C (Rs.)			
1. Clearing & Grubbing	Common jungle	ha	20	80	20,072.78	4,014.56	16,058.22			
	Light jungle	Machinery	ha	20	80	11,390.32	2,278.06	9,112.25		
		Manual	ha	20	80	11,390.32	2,278.06	9,112.25		
2. Land Levelling		ha	20	80	2,927.27	585.45	2,341.82			
3. Excavation	Common	L=1/4 mile	Machinery	m3	20	80	88.72	17.74	70.97	
	Common	L=1/4 mile	Manual	m3	20	80	158.39	31.68	126.71	
	Rock	L=1 mile	Machinery	m3	20	80	341.04	68.21	272.83	
	Rock	L=1 mile	Manual	m3	20	80	462.57	92.51	370.06	
4. Earthfilling incl. Compaction	in dam	L=1 mile	Machinery	m3	20	80	128.69	25.74	102.95	
	in canal	L=1/4 mile	Machinery	m3	20	80	67.32	13.46	53.86	
5. Slope Protection	Turfing	L=1 mile	Manual	m2	20	80	19.71	3.94	15.76	
	Rubble	6-9"	Machinery	m3	20	80	605.39	121.08	484.31	
6. Concrete	1:4:8(1.1/2")		Machinery	m3	20	80	2,527.96	505.59	2,022.36	
	1:3:6(1.1/2")		Machinery	m3	20	80	2,813.43	562.69	2,250.74	
	1:2:4(1.1/2")		Machinery	m3	20	80	3,224.66	644.93	2,579.73	
7. Reinforcement	Tor		kg	20	80	45.58	9.12	36.46		
	Mild		kg	20	80	42.28	8.46	33.83		
8. Formwork	3 uses		m2	20	80	235.38	47.08	188.30		
9. Rubble Masonry			m3	20	80	1,892.59	378.52	1,514.07		
10. Plastering	1:3 (1/2")		m2	20	80	81.35	16.27	65.08		
11. Canal Lining	Precast	2" thick	m2	20	80	174.38	34.88	139.51		
		4" thick	m2	20	80	348.76	69.75	279.01		
	Concrete incl. form	3" thick/1:3:6	m2	20	80	229.11	45.82	183.29		
	Brick		m3	20	80	1,509.02	301.80	1,207.22		
	Rubble	9" thick	m2	20	80	512.45	102.49	409.96		
	12. Gates for Turnout incl. Hoist	D=9"		each	20	80	5,012.04	1,002.41	4,009.63	
		D=12"		each	20	80	5,872.38	1,174.48	4,697.90	
D=15"			each	20	80	9,437.38	1,887.48	7,549.90		
D=18"			each	20	80	13,832.38	2,766.48	11,065.90		
D=24"			each	20	80	19,242.38	3,848.48	15,393.90		
	D=30"		each	20	80	24,197.38	4,839.48	19,357.90		
	Steel Gate for Anicut		each	20	80	280,000.00	56,000.00	224,000.00		
13. Wooden Gates for Regulator incl. Hoist	3x3.25'	Manual	each	20	80	390.00	78.00	312.00		
	4x4'	Manual	each	20	80	630.00	126.00	504.00		
	4x5', 4.5x4.5'	Manual	each	20	80	862.50	172.50	690.00		
	5x4.75'	Manual	each	20	80	982.50	196.50	786.00		
	5.75x5.5'	Manual	each	20	80	1,102.50	220.50	882.00		
	14. RCC Pipe incl. lay, joints, filling	D=6"	Manual	m	20	80	509.51	101.90	407.61	
D=9"		Manual	m	20	80	509.51	101.90	407.61		
D=12"		Manual	m	20	80	820.11	164.02	656.09		
D=15"		Manual	m	20	80	1,031.14	206.23	824.91		
D=18"		Manual	m	20	80	1,359.55	271.91	1,087.64		
D=24"		Manual	m	20	80	1,713.91	342.78	1,371.13		
D=30"		Manual	m	20	80	2,865.06	573.01	2,292.05		
Riprap		D=6-9"	Machinery	m3	20	80	605.39	121.08	484.31	
15. Filter for dam		D=1.5"	L=1 mile	Machinery	m3	20	80	658.78	131.76	527.02
16. Roadway wearing Surface (gravel)		L=1 mile		m3	20	80	159.80	31.96	127.84	
17. Bridge Deck	Precast	L=35'	Machinery	each	20	80	27,354.83	5,470.97	21,883.86	
		L=20'	Machinery	each	20	80	19,028.65	3,805.73	15,222.92	
		L=11'	Machinery	each	20	80	9,170.39	1,834.08	7,336.31	
	Handrail		m	20	80	1,472.00	294.40	1,177.60		
18. Flap Gate	each structure		each	20	80	2,700,000.00	540,000.00	2,160,000.00		
19. Field canal (with Structures)			m	20	80	230.00	46.00	184.00		
20. Drainage Canal			m	20	80	140.00	28.00	112.00		

## App. 2.5-15 Cost Breakdown for Project Strengthening And Support Plan

O-1 Range Maintenance Unit (RMU) <span style="float: right;">(per unit)</span>									
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Office	(15x10m)	nos	1	1,500,000	1,500,000	300,000	300,000	1,200,000	1,200,000
2. Garage	(30x10m)	nos	1	1,500,000	1,500,000	300,000	300,000	1,200,000	1,200,000
3. Workshop	(30x10m)	nos	1	20,000,000	20,000,000	4,000,000	4,000,000	16,000,000	16,000,000
4. Quarter	(12x8m)	nos	5	960,000	4,800,000	192,000	960,000	768,000	3,840,000
5. Equipment		ls	1	133,398,500	133,398,500	133,198,500	133,198,500	200,000	200,000
<b>Total</b>					<b>161,198,500</b>		<b>138,758,500</b>		<b>22,440,000</b>

O-2 Operation Unit (OU) <span style="float: right;">(per unit)</span>									
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Office	(15x10m)	nos	1	1,500,000	1,500,000	300,000	300,000	1,200,000	1,200,000
2. Garage	(30x10m)	nos	1	1,500,000	1,500,000	300,000	300,000	1,200,000	1,200,000
3. Equipment		ls	1	34,509,000	34,509,000	34,309,000	34,309,000	200,000	200,000
<b>Total</b>					<b>37,509,000</b>		<b>34,909,000</b>		<b>2,600,000</b>

O-3 Strengthen Operation and Support Farmer Organizations <span style="float: right;">(per unit)</span>									
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Conference Room	(15x10m)	nos	1	1,500,000	1,500,000	300,000	300,000	1,200,000	1,200,000
2. Storage	(45m2 x 2)	nos	1	900,000	900,000	180,000	180,000	720,000	720,000
3. Garage	(75m2)	nos	1	375,000	375,000	75,000	75,000	300,000	300,000
4. Equipment		ls	1	8,855,000	8,855,000	8,775,000	8,775,000	80,000	80,000
<b>Total</b>					<b>11,630,000</b>		<b>9,330,000</b>		<b>2,300,000</b>

O-4 Cost for Overseas Training									
Training Programme	Duration	Unit	Number	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Masters/Diploma	16 months	head	3	2,000,000	6,000,000	2,000,000	6,000,000		
2. Short Term Technical	4 weeks	head	20	300,000	6,000,000	300,000	6,000,000		
3. Short Term Technical	8 weeks	head	8	500,000	4,000,000	500,000	4,000,000		
4. Machinery O & M	4 weeks	head	3	500,000	1,500,000	500,000	1,500,000		
<b>Total</b>					<b>17,500,000</b>		<b>17,500,000</b>		

O-5 Cost for In-Country Training									
Training Programme	Duration	Unit	Number	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Masters/Diploma	1 year	head	3	100,000	300,000			100,000	300,000
2. Mechanics Training	3 months	head	25	40,000	1,000,000			40,000	1,000,000
3. Rehabilitation	3 days	head	40	1,500	60,000			1,500	60,000
4. O & M	7 days	head	40	3,500	140,000			3,500	140,000
5. Quality Control	5 days	head	30	3,500	105,000			3,500	105,000
6. Water Management	10 days	head	20	5,000	100,000			5,000	100,000
7. Project Management	7 days	head	10	5,000	50,000			5,000	50,000
8. Comp. Training		head	30	15,000	450,000			15,000	450,000
9. Awareness Seminars	1 day	head	230	500	115,000			500	115,000
10. Clerical & Others	7 days	head	60	3,000	180,000			3,000	180,000
<b>Total</b>					<b>2,500,000</b>				<b>2,500,000</b>



## App. 2.5-16 Cost Breakdown for Building Equipment

B-1 Office		(per building)							
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Building	(15x10m)	m2	150	10,000	1,500,000	2,000	300,000	8,000	1,200,000
2. Miscel Works	(0%)				0		0		0
<b>Total</b>					<b>1,500,000</b>		<b>300,000</b>		<b>1,200,000</b>
B-2 Garage: Type-Igr		(per building)							
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Building	(30x10m)	m2	300	5,000	1,500,000	1,000	300,000	4,000	1,200,000
2. Miscel Works	(0%)				0		0		0
<b>Total</b>					<b>1,500,000</b>		<b>300,000</b>		<b>1,200,000</b>
B-3 Garage: Type-Hgr		(per building)							
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Building	(75m2)	m2	75	5,000	375,000	1,000	75,000	4,000	300,000
2. Miscel Works	(0%)				0		0		0
<b>Total</b>					<b>375,000</b>		<b>75,000</b>		<b>300,000</b>
B-4 Workshop		(per building)							
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Building	(30x10m)	m2	300	10,000	3,000,000	2,000	600,000	8,000	2,400,000
2. Miscel Works	(0%)				0		0		0
3. Instruments		set	1	17,000,000		3,400,000	3,400,000	13,600,000	13,600,000
<b>Total</b>					<b>20,000,000</b>		<b>4,000,000</b>		<b>16,000,000</b>
B-5 Quarter		(per building)							
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Building	(12x8m)	m2	96	10,000	960,000	2,000	192,000	8,000	768,000
2. Miscel Works	(0%)				0		0		0
<b>Total</b>					<b>960,000</b>		<b>192,000</b>		<b>768,000</b>
B-6 Conference Room		(per building)							
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Building	(15x10m)	m2	150	10,000	1,500,000	2,000	300,000	8,000	1,200,000
2. Miscel Works	(0%)				0		0		0
<b>Total</b>					<b>1,500,000</b>		<b>300,000</b>		<b>1,200,000</b>
B-7 Fertilizer/Seed Storage		(per building)							
Construction Works		Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)	
				Unit price	Amount	Unit price	Amount	Unit price	Amount
1. Building	(45m2 x 2)	m2	90	10,000	900,000	2,000	180,000	8,000	720,000
2. Miscel Works	(0%)				0		0		0
<b>Total</b>					<b>900,000</b>		<b>180,000</b>		<b>720,000</b>

### App. 2.5-16 Cost Breakdown for Building Equipment

B-8 Equipment & Machinery for RMU (per site)									
Equipment & Machinery	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Dozer (130HP)	nos	3	7,375,000	22,125,000	7,375,000	22,125,000			0
2. Crawler Excavato (Drag Line)	nos	1	14,350,000	14,350,000	14,350,000	14,350,000			0
3. Backhone cum Loader (JCB)	nos	3	6,550,000	19,650,000	6,550,000	19,650,000			0
4. Motor Grader	nos	1	7,450,000	7,450,000	7,450,000	7,450,000			0
5. Tractor Trailer	nos	15	3,440,000	51,600,000	3,440,000	51,600,000			0
6. Mechanical Rammer Compact	nos	12	116,000	1,392,000	116,000	1,392,000			0
7. Portable Vibrator Rollers	nos	6	700,000	4,200,000	700,000	4,200,000			0
8. Water Pumps (2")	nos	6	20,000	120,000	20,000	120,000			0
9. Concrete Mixtures (self driven)	nos	6	102,500	615,000	102,500	615,000			0
10. Trailer Type Water bowser	nos	3	500,000	1,500,000	500,000	1,500,000			0
11. Poker Vibrators	nos	9	25,000	225,000	25,000	225,000			0
12. Low Bed Trailer	nos	1	7,500,000	7,500,000	7,500,000	7,500,000			0
13. 3t-Lorry	nos	1	1,071,500	1,071,500	1,071,500	1,071,500			0
14. Weeding Machine	nos	45	30,000	1,350,000	30,000	1,350,000			0
15. Office Equipment	ls	1	250,000	250,000	50,000	50,000	200,000	200,000	
<b>Total</b>				<b>133,398,500</b>		<b>133,198,500</b>			<b>200,000</b>

B-9 Equipment & Machinery for OU (per site)									
Equipment & Machinery	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. Dozer (130HP)	nos	1	7,375,000	7,375,000	7,375,000	7,375,000			0
2. Crawler Excavato (Drag Line)	nos	1	14,350,000	0	14,350,000	0			0
3. Backhone cum Loader (JCB)	nos	1	6,550,000	6,550,000	6,550,000	6,550,000			0
4. Motor Grader	nos		7,450,000	0	7,450,000	0			0
5. Tractor Trailer	nos	5	3,440,000	17,200,000	3,440,000	17,200,000			0
6. Mechanical Rammer Compact	nos	4	116,000	464,000	116,000	464,000			0
7. Portable Vibrator Rollers	nos	2	700,000	1,400,000	700,000	1,400,000			0
8. Water Pumps (2")	nos	2	20,000	40,000	20,000	40,000			0
9. Concrete Mixtures (self driven)	nos	2	102,500	205,000	102,500	205,000			0
10. Trailer Type Water bowser	nos	1	500,000	500,000	500,000	500,000			0
11. Poker Vibrators	nos	3	25,000	75,000	25,000	75,000			0
12. Low Bed Trailer	nos		7,500,000	0	7,500,000	0			0
13. 3t-Lorry	nos		1,071,500	0	1,071,500	0			0
14. Weeding Machine	nos	15	30,000	450,000	30,000	450,000			0
15. Office Equipment	ls	1	250,000	250,000	50,000	50,000	200,000	200,000	
<b>Total</b>				<b>34,509,000</b>		<b>34,309,000</b>			<b>200,000</b>

B-10 Strengthen Operation and Support Farmer Organizations (per site)									
Equipment & Machinery	Unit	Quantity	Total Cost (Rs)		Foreign Currency (Rs)		Local Currency (Rs)		
			Unit price	Amount	Unit price	Amount	Unit price	Amount	
1. 2W Tractor	nos	2	3,440,000	6,880,000	3,440,000	6,880,000			0
2. Motor Cycle	nos	1	1,875,000	1,875,000	1,875,000	1,875,000			0
3. Office Equipment	ls	1	100,000	100,000	20,000	20,000	80,000	80,000	
<b>Total</b>				<b>8,855,000</b>		<b>8,775,000</b>			<b>80,000</b>