

**MAHAWELI GANGA
DEVELOPMENT PROJECT**

STAGE II OF PROJECT I

Area "H"

PROGRESS REPORT

FOR

QUARTER ENDING 31st MARCH 1981

Prepared for the

International Development Association

United Kingdom

United States Agency for International Development

Canadian International Development Agency

Kingdom of the Netherlands

European Economic Community

REPORT NO. 12.

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மகாவலி அபிவிருத்தி பலை

MAHAWELI DEVELOPMENT BOARD

දිනය
திகதி } 21st May 1981.
Date

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II, பாலித்தாடு வீதி, கொழும்பு-5.

Mr. T. H. Yoon,
Chief, Irrigation Division,
Agriculture Projects Division,
International Development Association,
1218 H Street, N. W.,
Washington DC 20433,
U. S. A.

Dear Mr. Yoon,

Mahaweli Ganga Development Project II - Sri Lanka

Credit No. 701 CE.

The Progress Report for the quarter ending 31st March 1981,
is sent herewith.

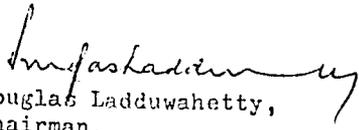
Six copies of the report are enclosed for transmittal to CIDA,
Netherlands, UK, USAID and the European Economic Community
as well.

A separate report would be submitted by Mahaweli Authority of
Sri Lanka, to cover the Project Management Activities.

Whilst I trust these will supply the information you require
at this time, I shall be glad to supply you with any additional
information or clarification as may be necessary.

With best personal regards.

Yours sincerely,


Douglas Ladduwahetty,
Chairman,
MAHAWELI DEVELOPMENT BOARD.

-/jjp.

CURRENCY EQUIVALENTS (APPROX.)

US \$	1 - Rs. 18.12
£	1 - Rs. 42.7
Can. \$	1 - Rs. 15.5
Dutch Florin	1 - Rs. 8.7
French Franc	1 - Rs. 4.0

WEIGHTS & MEASURES

1 long ton.	- 2,240 lbs.	- 1.016 tonnes.
1 cwt.	- 112 lbs.	- 50.8 kg.
1 Bushel of Paddy	- 46 lbs.	
1 Acre	- 0.405 Hectares.	
1 Bushel/Acre (Paddy)	- 0.05 ton./Ha.	
1 Acre/ft.	- 1233.3 cu.m.	

GLOSSARY

Chena	- Slash & Burn or "shifting" rainfed agriculture.
District	- Administrative sub-division of the island.
Ganga	- Perennial River.
Maha Season	- North East monsoon season (Oct.-Jan.)
Oya	- Stream
Paddy	- Unhusked Rice.
Purana Villages	- Villages inhabited by the descendents of the original settlers who have a tradition bound long history.
Rice	- The husked rice ready for cooking.
Tank	- Small Reservoir.
Yala Season	- South West monsoon (March to June)

PRINCIPAL ABBREVIATIONS & ACRONYMS

ATC	- Agricultural Training Centre/Community Training Centre.
ASC	- Agricultural Service Centre.
ARTI	- Agrarian Research & Training Institute.
CIDA	- Canadian International Development Agency.
DM & E	- Department of Machinery & Equipment.
EEC	- European Economic Community.
FAO	- Food & Agriculture Organization.
FO	- Farmers' Organization.
GOSL	- Government of Sri Lanka.
GPS	- Guaranteed Price Scheme (For Paddy).
IDA	- International Development Associations (World Bank)
LB	- Left Bank.
LS. COOP.	- Large Scale Co-Operative (Co.Op. Depot & Rural Bank)
LHG	- Low Humic Gley Soils
MASI	- Mahaweli Authority of Sri Lanka.
MDB	- Mahaweli Development Board.
MMD	- Ministry of Mahaweli Development.
O & M	- Operation and Maintenance.
PB	- People's Bank.
PMB	- Paddy Marketing Board.
PO	- Post Office
RB	- Right Bank
RBE	- Reddish Brown Earths.
SPO	- Sub Post Office
SS. COOP.	- Small Scale Co-Operative.
USAID	- United Nations Agency for International Development.
UNICEF	- United Nations International Childrens Emergency Fund.
WFP	- World Food Program.

FREQUENTLY USED ABBREVIATIONS FOR OFFICERS

AI	- Agricultural Instructors
AO	- Agricultural Officers
ACDO	- Asst. Community Development Officers
CDO	- Community Development Officers
DRPM	- Deputy Resident Project Manager
EA	- Engineering Assistant
IE	- Irrigation Engineer
JPS	- Ditch Rider (Jala Palaka Sevaka)
KVS	- Village Level Worker (Krushikarma Viyapti Sevaka)
LO	- Land Officer
PAEO	- Project Agricultural Extension Officer
RPM	- Resident Project Manager
SMO	- Subject Matter Officer
WS	- Work Supervisor

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L I S T O F M A P S

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2. ROADS & SERVICE CENTRES IN H4 & H5 AREAS.
3. H4 & H5 AREAS - SCHEMATIC LAYOUT OF MAIN SUPPLY SYSTEM.

L I S T O F A N N E X E S

1. CAPITAL EXPENDITURE STATEMENT.
2. MDB ORGANIZATION IN AREA 'H'.

S U M M A R Y

- CHART NO. 1 - Mahaweli Development Board - Organization Structure.
- CHART NO. 2 - Asst. General Manager (Construction) - System 'H',
Organization Structure.
- CHART NO. 3 - Resident Project Manager (Kalawewa),
Organization Structure.
- CHART NO. 4 - Resident Project Manager (Tambuttegama),
Organization Structure.
3. PURCHASE PROGRESS STATEMENT OF MACHINERY & EQUIPMENT.
 4. H4 & H5 AREAS - REVISED CONSTRUCTION PROGRAM FOR BALANCE WORK.
 5. H4 & H5 - PROGRESS CONTROL SCHEDULE.

1. GENERAL DESCRIPTION OF DEVELOPMENT

1.1. The UNDP/FAO Report on the 'Master Plan' for Mahaweli Ganga Development was presented in 1968.

1.2. Stage 1 of Project 1 of the Master Plan.

The diversion dam on the Mahaweli Ganga at Polgolla, a tunnel, a hydro-power station at Ukuwela, the reservoir at Bowatenna on Amban Ganga and the tunnel to divert the water to the Kala Oya basin was undertaken by the Government of Sri Lanka with the aid of an IBRD loan. This work was completed in 1976.

1.3. Stage 11 of Project 1.

A contiguous area of 106,000 acres in the Kala Oya basin benefiting from water diverted from Stage 1 of the Mahaweli Ganga Development Project is the total area covered by the Credits (see map No. 1). This includes about 35,000 acres of already irrigated lands. 71,000 acres is the extent of new land to be developed in the Kala Oya basin as a result of the diversion. This area is represented by H1, H2, H7, H9, H4 & H5. Of this extent, about 30,700 acres was taken up for irrigation infrastructure development by the Government of Sri Lanka with its own funds, and work commenced in May 1974.

The total development of the balance 40,300 acres together with the social infrastructure development of the above 30,700 acres was taken up with aid funds under Credit Agreements with IDA, CIDA, the Netherlands, UK., USAID and the EEC.

1.4. The Credit Agreement with IDA was signed in June 1977 and made effective from 29th December 1977. The Credit Agreement with other sources of aid were also made effective subsequently.

Details of different credits available are tabulated overleaf.

<u>Agency</u>	<u>Identification No.</u>	<u>Unit</u>	<u>Amount</u>	<u>Status</u>
IDA	701 - CE	US\$.M	19.0	Loan
UK	(No. 5 of '77) (No. 2 of '78)	US\$.M	7.2	Grant
Canada (CIDA)	701 - CE	Can.\$.M	6.0	Loan
USAID	383-T-018.	US\$.M	5.2	Loan
		US\$.M	0.8	Grant
Netherlands	701 - CE	US\$.M	5.0	Loan
EEC		US\$.M	2.24	Grant

1.5. Project Implementation was scheduled to take place over a period of five years from 01.01.1978, but on the decision taken by the Government of Sri Lanka, the implementation of this program was accelerated. It is expected to complete settlement in H4 / H5 areas in 1981.

1.6. Technical Assistance

The following made their services available during the quarter.

- Mr. D. Campbell - Natural Resources Advisor.
- Mr. Shoaib Sultan Khan - UNICEF, Consultant.
- Mr. Grant Davids - On Farm Development Advisor.

1.7. Arrivals & Departures

- Mr. Stanley Baker)
 - Mr. Peter Streng)
 - Mr. Y. C. Pan)
 - Mr. Ardith Molson)
 - Mr. Jeff Evans)
 - Mr. Bob Bell)
 - Miss. Susan Holloran)
 - Mr. Andrew Tainsh)
 - Mr. Saaltink)
- World Bank Review Mission,
arrived on 20.03.1981 and left
on 08.04.1981.

DEVELOPMENT WORK IN KALA OYA BASIN (STAGE 11, SYSTEM H)

2. SUMMARY

2.1. (H1 Area - 5,100 acres)

Provision of Irrigation facilities for the area is complete and functioning. All of the 2,040 farm allotments have been settled.

The provision of additional social infrastructure such as population centres and roads is nearing completion. The status of completion of the estimated requirements of service buildings for one township, two village centres and 23 hamlets is as follows;

14	Buildings complete for 12 Co-operatives.
4	" " " " 2 Post Offices.
13	" " and 4 in progress for one Police Station.
18	" " " 14 in " " two Health Centres.
93	" " " 13 in " " 11 Schools.
3	" in progress for the branch of Bank of Ceylon.

In addition 41 Agriculture Buildings and 69 O & M Buildings are complete whilst a further 3 agriculture buildings are in progress. The entire irrigable area is under cultivation.

2.2. (H2 Area - 9,250 acres)

Irrigation infrastructure facilities are complete and functioning. All of the 3,700 farm allotments have been settled.

The provision of additional social infrastructure is nearing completion.

The status of completion of the estimated requirements of service buildings for one township, 2 village centres and 40 hamlets is as follows;

17	Buildings complete for 17 Co-operatives.
4	" " " " 4 Post Offices.
13	" " " " 1 Police Station.
15	" " and 3 in progress for 2 Health Centres.
107	" " " 17 in " " 15 Schools.

In addition 34 Agriculture Buildings and 52 O & M Buildings are complete whilst a further 8 Agriculture Buildings and 2 O & M Buildings are in progress.

The entire irrigable area is under cultivation.

2.3. (H7 Area - 7,200 acres)

Irrigation infrastructure is nearing completion.

The status of completion of infrastructure service buildings for 2 townships, 2 village centres and 26 hamlets is as follows.

6 Buildings complete for 6 Co-operatives.
76 " " and 23 in progress for 15 schools.
7 " " " 1 in " " 3 Post Offices.
5 " in progress for 1 Health Centres.
3 " in " " the branch of the Bank of Ceylon.

In addition 27 Agriculture Buildings and 62 O & M Buildings are complete.

Of a total of 2,680 farm allotments, 2,638 have been allocated.

2.4. (H9 Area - 5,600 acres)

The irrigation system is nearly complete.

The status of completion of infrastructure service buildings for 1 Township, 2 Village Centres and 22 Hamlets is as follows;

6 Buildings complete and 1 in progress for 5 Co-operatives.
2 " " " 6 in " " 3 Post Offices.
5 " " " 7 in " " 1 Police Station.
2 " " " 26 in " " 3 Schools.
3 " in progress for the branch of the Bank of Ceylon.

In addition 23 Agriculture Buildings and 43 O & M quarters are complete whilst a further 5 Agriculture buildings and 5 O & M Buildings are in progress.

Of a total of 2,000 farm lots, 1,920 have been allocated.

2.5. (H4 Area - 20,000 acres)

Jungle Clearing is complete. The Kalawewa RB main canal is complete and functioning at present. Work in the branch channels are complete, whilst distributory and field channels are in progress. 331 infrastructure buildings are complete and work is in progress in a further 82 buildings. Total number of proposed buildings is 551.

Formation of 36 miles of Market roads complete. Out of the 24 miles proposed to be metalled and tarred, 15 miles complete and 3 miles in progress.

2.6. (H5 Area - 14,000 acres)

Jungle Clearing is complete. Work in the branch channels are nearing completion, whilst distributory and field channels are in progress. Construction of 196 infrastructure buildings are complete and 94 are in progress out of a proposed 346 buildings.

Formation of 39 miles of Market Roads are nearing completion. Out of the 34 miles proposed to be metalled and tarred, 1 mile complete and 1 mile in progress.

3. INDICES OF THE STATUS OF PHYSICAL DEVELOPMENT - H4, H5 AREAS.

The progress of construction of physical infrastructure in areas H4 / H5 is given below as indices against the major items of work.

3.1. <u>Irrigation Infrastructure</u>	<u>% Complete</u>
i. Jungle Clearing	100
ii. Right Bank Main canal excavation	100
Right Bank Main canal structures	100
iii. Branch Canal excavation	96
Branch Canal structures	97
iv. Distributory Channel excavation	94
Distributory Channel structures	92
v. Improvements to village tanks	19
vi. Field Channel excavation	86
Field Channel structures	80
vii. On Farm Development	
- Marking of farm bunds	61
- Machine Development	56
- Asweddumization	20

<u>3.2. Social Infrastructure</u>		<u>% Complete</u>
i. Road	- Formation	99
	- Structures	97
	- Metalling & Tarring	27
ii. Buildings		
	- Project Management	81
	- Services	47

PROGRESS UPTO END OF MARCH 1981

4. IRRIGATION INFRASTRUCTURE

4.1. H4 Area (Kalawewa R.B.)

Description	Unit	Total estd. qty.	Comp. upto 1980	Program for 1981	1981-Cumulative		Achievement (Comp./In prog.)				
					1st qrt.	2nd qrt.	Target				
							3rd qrt.	4th qrt.			
<u>1. Kalawewa R.B.</u>											
<u>Main Canal (0-14 mls)</u>											
Earthwork	cubs.	452,000	452,000	-	-	C O M P L E T E					-
Rock	"	57,800	57,800	-	-	C O M P L E T E					-
Structures	nos.	31	31	-	-	C O M P L E T E					-
<u>2. Br. Chl. Mos. 1,3,4&6</u>											
Earthwork	chs.	634#	634#	-	-	C O M P L E T E					-
Structures	Nos.	83	83	-	-	C O M P L E T E					-
<u>3. Jungle Clearing</u>											
	acs.	24,800	24,800	-	-	C O M P L E T E					-
<u>4. D'Channel</u>											
Excavation	chs.	6,515*	6,208	307	275/5						
					95		307				
Structures	nos.	1,480*	1,390	90	7/64						
					30		90				
<u>5. Tank Improvements</u>											
	nos.	53**	5	48	2/44						
					15		48				
<u>6. F'Channel</u>											
Excavation	chs.	16,655*	13,320	3,335	712/110						
					1,040		2,385 #				
Structures	nos.	10,580*	7,525	3,055	487/121						
					950		1,525	2,480		3,055	
<u>7. Drainage Channel</u>											
Excavation	chs.	12,125*	8,080	4,045	894						
					1,260		2,025	3,280		4,045	

*Revised.

**Seven tank improvements were stopped from the original program.

Error in processing rectified.

≠ except 408.

4.2. H5 Area (Kalawewa R.B.)

Description	Unit	Total estd. qty.	Comp. upto 1980	Prog. for 1981	1981 - Cumulative Achievement (Comp/In prog.)			
					1st qrt.	2nd qrt.	3rd qrt.	4th qrt.
<u>1. Kalawewa R.B.</u>								
<u>Main Canal (14-28 mls.)</u>								
Earthwork	cubs.	356,500	356,500		C O M P L E T E			
Rock	"	15,000	15,000		C O M P L E T E			
Structures	nos.	38	38		C O M P L E T E			
<u>2. Br. Chls. Nos. 7 & 8</u>								
Earthwork	chs.	395	352**	43	4/38 43	43		
Rock	cubs.	4,600	4,200	400	nil 400	400		
Structures	nos.	48*	44**	4	-/4 4	4		
<u>3. Jungle Clearing</u>								
	acs.	20,125	20,125	-	C O M P L E T E			
<u>4. D'Channel</u>								
Excavation	chs.	4,830*	4,187	643	46/347 300	643		
Structures	nos.	1,098	938	160	57/55 80	160		
<u>5. Tank Improvements</u>								
	Nos.	38#	7	31	5/23 18	31		
<u>6. F'Channel</u>								
Excavation	chs.	11,855 *	10,310	1,545	163 200	465#		
Structures	nos.	6,730*	5,410	1,320	549 400	660	1,070	1,320
<u>7. Drainage Channel</u>								
Excavation	chs.	12,260*	8,800	3,460	174 1,080	1,730	2,800	3,460

Two tank improvements were stopped from the original programme.

**Error in processing rectified

Except 419. *Revised.

4.3. H7 Area (Kandalama R.B.)

Description	Unit	Total estd. qty.	Comp.upto 1980	Program for 1981	1981-Cumulative Achievement(Comp/In prog) Target			
					1st qrt.	2nd qrt.	3rd qrt.	4th qrt.
<u>1. Kandalama R.B.</u>								
<u>Main Canal (0-22 mls.)</u>								
Excavation (earth)	chs.	1,170	1,170	-	-	C O M P L E T E		-
(rock)	cubs.	9,550	9,550	-	-	C O M P L E T E		-
Structures	nos.	113	113	-	-	C O M P L E T E		-
<u>2. Br. Chl. No.1</u>								
				-	-	C O M P L E T E		-
<u>3. Jungle Clearing</u>								
	acs.	7,000	7,000	-	-	C O M P L E T E		-
<u>4. D'Channel</u>								
Excavation	chs.	2,200	2,200	-	-	C O M P L E T E		-
Structures	nos.	623	623	-	-	C O M P L E T E		-
<u>5. F'Channel</u>								
Excavation	chs.	7,700	7,640	60	<u>Comp.</u> 60			
Structures	nos.	5,410	5,107	303	<u>nil</u> 150	<u>303</u>		
<u>6. Drainage Channel</u>								
Excavation	chs.	4,495*	4,140	355	<u>nil</u> 175	<u>355</u>		

*Revised.

4.4. H9 Area (Dambulu Oya)

Description	Unit	Total estd. qty	Comp. upto 1980	Program for 1981	1981-Cumulative Achievement (Comp/In Prg.)			
					Target	1st Qrt.	2nd Qrt.	3rd Qrt.
<u>1. L.B. Main Canal</u>								
Excavation	chs.	203	203	-	-	C O M P L E T E		-
Structures	nos.	20	20	-	-	C O M P L E T E		-
<u>2. Br. Chl. No. 2</u>								
Excavation	chs.	280	280	-	-	C O M P L E T E		-
Structures	nos.	27	27	-	-	C O M P L E T E		-
<u>3. Jungle Clearing</u>								
	acs.	5,500	5,500	-	-	C O M P L E T E		-
<u>4. D'Channel</u>								
Excavation	chs.	1,000 *	1,000	-	-	C O M P L E T E		-
Structures	nos.	420	420	-	-	C O M P L E T E		-
<u>5. F'Channel</u>								
Excavation	chs.	4,515 *	4,425	90	<u>Comp.</u> 90			
Structures	nos.	3,890	2,710	1,180	<u>10/415</u> 500	<u>1,180</u>		

*Revised.

5. ORDER OF COMPLETION OF IRRIGATION INFRASTRUCTURE IN BLOCKS

H4 & H5 AREAS.

The term "Block" denotes a parcel of land within the irrigation system bounded by topographic features (natural streams, irrigable contours and ridge formations) and seperately identified for convenience of management.

H4 Area comprises blocks 401 to 410 and H5 Area 411 to 421 (416 excised). The irrigation development consists of the following items of physical work, within the block.

1. Jungle Clearing.
2. Layout & construction of distributory canals.
3. Improvements/Construction of village tanks.
4. Layout and construction of field canals.
5. Layout and construction of turnout drains.

For the purpose of evaluation of physical progress, a single index representing the status of physical development associated with the block is computed using the relative contribution (%) of each of these items in cost terms as follows;

1. Jungle Clearing	33%
2. D'Chl. excavation	10%
3. D'Chl. Structures	20%
4. Tank Improvements	10%
5. F.C. Excavation	8%
6. F.C. Structures	17%
7. Drains	2%

Blocks

401, 402, 405, 406, 407, 412, 413, 414, 415 & 421	95%
403, 411, 417 & 420	90%
410 & 418	85%
404 & 408	75%
409	70%
419	50%

Detail workings of the above figures are tabulated on the following page.

6. ITEMWISE CONTRIBUTION ON THE BLOCK COMPLETION

Block	Jungle Clearing	D'Chl.		F'Chl.		Drainage of R.	Work Improve- ment(Nos)	Total
		Exc.	Str.	Exc.	Str.			
	%	%	%	%	%	%	%	%
401	33	10	20	8	17	1.8	4.3	95
402	33	10	20	8	17	2.0	8.9	95
403	33	10	20	8	16.3	2.0	2.3	90
404	33	10	13.8*	4.6	4.9*	0.7	10	75
405	33	10	20	6.2*	13.9*	nil	9.5	95
406	33	10	20	8	16.8*	2	9.1	95
407	33	10	20	8	17.0	2	8.6	95
408	33	9.5	20	5	4.1	nil	6.9	75*
409	33	9.9	15.2	3.5	2.5*	nil	6.6	70
410	33	10	17.6	6.6	11.0	1.7	4.9	85
411	33	8.4*	13.6	7.8	16.5	1.7	8.9	90
412	33	10	20	8	17	2.0	3.2	95
413	33	10	20	8	17	1.1	10	95
414	33	10	20	8	17	1.9	9.9	95
415	33	10	20	8	17	1.8	7.6	95
417	33	9.8	20	7.5	16.3	1.9	0.5	90
418	33	1.8	15.6	7.4	15.6	1.9	9.1	85
419	33	5.3#	12.2*	nil	0.3	nil	nil	50*
420	33	10	20	7.2	16.8	1.5	2.9	90
421	33	10	20	8	17	2	4.4	95

#Deviations necessiated after taking over from RVDB. Thus the reduction from the original figure

*Error in processing rectified.

7. SOCIAL INFRASTRUCTURE AND O & M BUILDINGS

The table given overleaf is a summary of the full complement of service buildings indicated in an area and location basis together with the number completed and in progress.

SOCIAL INFRASTRUCTURE & OPERATIONAL AND MAINTENANCE BUILDINGS IN 'B' AREAS AS ON 31 MARCH 1951

Type of Facility	H ₁			H ₂			H ₃			H ₄			H ₅						
	No. of cent- res#	No. of bldgs. Total Com/in prog.	Cum. prog.	No. of cent- res#	No. of bldgs. Total Com/in prog.	Cum. prog.	No. of cent- res#	No. of bldgs. Total Com/in prog.	Cum. prog.	No. of cent- res	No. of bldgs. Total Com/in prog.	Cum. prog.	No. of cent- res	No. of bldgs. Total Com/in prog.	Cum. prog.	No. of cent- res	No. of bldgs. Total Com/in prog.	Cum. prog.	
O & M																			
Qrts.		(54		(44	44/-	44		(60/18**47/-	48		(37/34**29/5	34		162***137/15	142		(117/90***76/14	76	
Dormitories		(12	-All	(6	6/-	6		(9	9/-	9		(14/9**9/-	9		15***13/1	13		(2	1/1
Office	3	(2	complete	(3	2/1	3	3	(4	4/-	4	2	(3	3/-	3	12	(4	3/1	4	12
Stores & Workshop		(1		(1	-/1	1		(2	2/-	2		(2	2/-	2		(11	9/2	10	
Sub Total		69		54	52/2	54		75/53	62/-	63		56/48	43/5	48		192	162/19	169	
Agric. Bldgs.																			
Grain Stores		(27	25/2	27	(29	25/4	29	(23	23	23		(24	21/3	22		(64/63**49/4	52	(91	79/5
Fertilizer Stores		(13	12/1	13	(10	6/4	10	(5	3/-	3		(6/4**1/2	1		(13/12**4/2	5		(14/12**8/4	9
A.T.C. Bldgs.	3	(3	3/-	3	(2	2/-	2	3	(2/1*	1/-	1	2	(2/1	1/-	1	12	(5	4/2	5
A.S.C.		(1	1/-		(1	1/-	1		(-	-			(-	-			(-	-	-
Sub Total		44	41/3	44	42	34/8	42		31/30**27/-	27		32/29**23/5	24		83/81	57/13	62		112/109**87/14
*Schools	11	106	23/13	25	15	136	107/17	104	15	111/100**76/23	78	**	81/32**2/26	6	22***	250/160	60/31	80	10
Co-Ops.																			
L.S.	4	4	All	3	3	All		5	5	All		7	7	7/1	6	6	5/4**	3/1	4
S.S.	6	6	All	14	14	All		1	1	All		1	1	1/-	1	6	6	2/2	4
Complex	1	3	complete	-	-	complete		-	-	complete		1	3	2/1	2	2	8	7/1	3
Super Market	1	1		-	-			-	-			-	-		-	-	-	-	-
Sub Total	12	14		17	17			6	6			5	7	6/1	6	15	21	17/4	18
Post Office																			
S.P.O.	1	1	All	3	3	3/-	4	2	2	2/-	2	2	2/-	2	7	7	7/-	7	4
P.O.	1	3	complete	1	1	1/-	3	1	6***	5/1	5	1	5	-/6	3	2	24/4**	-/2	3
Sub Total	2	4		4	10	4	6	3	3	7/1	7	3	8	2/6	5	9	31/11*	7/2	9
Police																			
	1	17	13/4	17	1	13	All complete	-	-	-	-	1	14	5/2	8	2	33	28/5	10
Health																			
Health Centres	2	33	18/14	19	2	24	15/3	15	1	11/5**	-/5	2	1	1	-/1	1	43	-	-
Malaria Centres	1	2	-	1	1	3	-/1	1	1	1	-	-	2	4/1**	-	1	3	-	-
Sub Total	3	35	18/14	20	3	27	15/4	16	2	12/6**	-/5	2	3	5/2**	-/1	2	46	-	-
Banks																			
Bank of Ceylon	1	3	-/3	1	1	3	-/1	1	1	1	-/1	1	1	3	-/3	2	1	3	-/4
People's Bank	1	3	-	1	1	1	1/-	1	-	-	-	-	-	-	-	-	-	-	-
Sub Total	2	6	-/3	2	2	4/1		2	1	1	-/1	2	1	3	-/3	2	1	3	-/4
TOTAL		295	252/37	267	305	243/32	254		246/216	178/32	184		207/170	81/54	100		888/346**	196/94	210

*In respect of O & M and Agric. Bldgs. number of centres indicate the number of Town & Village Committees in which these bldgs. are located in groups.

**Urinals and toilets were counted at 2 blocks per one school. Walls not counted.

***Less number reduced due to curtailment of expenditure.

****Revised.

*****Re-programmed.

NOTE: Main location of bldgs. in H₄/H₅ areas are given in app No. 2.

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8. MARKET ROADS

The total length of roads in the 'H' Area is 124 miles. Of this quantity partial funding under credit agreement is available for 75.5 miles of roadways in the H4 and H5 Areas.

The length of the roadway under local funding in the H1, H2, H7 & H9 areas is 48.5 miles of which formation over 42.5 miles is complete and balance 6 miles in progress. Metalling and Bituman surfacing of 16 miles of roadway is complete and 2 miles in progress.

Of the roads funded under credit agreement in the H4 and H5 areas, formation of 75.25 miles is complete and the balance of 0.25 miles in progress.

Work progressed in the contracts awarded under local competitive bidding for metalling and bituman surfacing of roads in the H4 and H5 areas. Surfacing of 16 miles of roadway is complete and 4 miles in progress.

The status of construction work on roads as at the end of the quarter is tabulated below;

Area	Description	Unit	Total estd. qty.	Prog. upto 31.12.80	Prog. upto 31.3.81	Progress during the
						quarter.
				(Complete / In Progress)		
H1&H2	Formation	mfs.	20	20	-	COMPLETE-
	Metalling & Tarring Structures	"	20	12.3*/2	16/2	3.7
- C O M P L E T E -						
H7	Formation	"	10	10	-	COMPLETE-
	Metalling & Tarring Structures	"	10	nil	nil	nil
		nos.	20	19	20	1
H9	Formation	mfs.	18.5**	-/15	12.5/6	12.5/3.5
	Metalling & Tarring Structures	"	18.5	nil	nil	nil
		nos.	43**	40/-*	40/3	-/3
H4	Formation	mfs.	36.5	36.5	-	COMPLETE-
	Metalling & Tarring Structures	"	24**	-/9	15/3	15/3
		nos.	106	94/10	103/3	9/2
H5	Formation	mfs.	39	35.25/3.75	38.75/0.25	3.5
	Metalling & Tarring Structures	"	34**	nil	1/1	1/1
		nos.	136**	119/4*	134/2	15

*Error in processing rectified.

**Revised.

9. HAMLET ROADS & WELLS

The construction of hamlet roads and wells in H1 and H2 areas is complete.

In the H7 and H9 areas, 148 miles of a total of 158 miles is complete, and a balance of 9 miles in progress. In the H4 and H5 areas formation of 272 miles of roads of a total of 424 miles is complete, while another 51 miles is in progress.

The construction of wells in the H1, H2, H7, H9 and H5 areas was taken over by the RPM, Kalawewa and this is going ahead with UNICEF assistance.

In the H4 area, the total estimated number of wells is 786 of which 66 have been completed and 272 in progress.

The status of construction of Hamlet roads and wells are tabulated below;

Area	Description	Unit	Total estd. qty.	Prog. upto 31.12.80 (Complete / In progress)	Prog. upto 31.03.81	Progress during the quarter
H1	Formation } Structures } Wells(Galnewa region)	nos.	86	86	--- COMPLETE ---	--- COMPLETE ---
H2	Formation } Structures } Wells(Moegalewa region)	nos.	50	50	--- COMPLETE ---	--- COMPLETE ---
H7	Formation Structures Wells	mils. nos.	95 321*	92.5/2 221/17	93.0/1.5 244/17	0.5 23 (CONSTRUCTION TAKEN OVER BY RPM.)
H9	Formation Structures Wells	mils. nos.	63* 415*	55/7.6 98/8	55/7.6 98/3	nil nil (CONSTRUCTION TAKEN OVER BY RPM.)
H4	Formation Structures Wells	mils. nos. "	260* 1313* 733*	164.4/35.9 476/331 57/201	166.9/35.6 558/329 57/223	2.5 82/- -/22
H5	Formation Structures Wells	mils. nos. "	164* 786* 500	97.9/4.9 468/28 2/52	106.4/15.2 484/9 9/46	8.5 16 7/1

*Revised.

10. LAND ACQUISITION & COMPENSATION

The status of Land Acquisition and Compensation as on the end of the quarter is tabulated below.

<u>Area</u>	<u>Total No. of villages</u>	<u>No. acquired</u>	<u>Compensation inquiries held</u>	<u>Compensation paid</u>
H1	25	25	21	12
H2	31	31	13	3
H7	54	54	29	7
H9	39	39	26	8
H4	107	86	11	2
H5	60	51	-	-

11. S E T T L E M E N T

Area	Block No.	No. of farm allotments		Settlement upto 31.12.80	Settlement upto 31.03.81	Settlement during the quarter	No. of farm allotments to be settled
		Total	For initial settlement				
H1	301, 302, 303, 304 & 308		2040	C O M P L E T E			
H2	305, 306, 307, 309, 310, 311, 312, 313 & 314		3698	C O M P L E T E			
H7	101	520	507	505	506	1	1
	102	504	463	457	458	1	5
	103	893	805	777	777	-	28
	104	<u>1015</u>	<u>946</u>	<u>896</u>	<u>897</u>	<u>1</u>	<u>49</u>
Total	<u>2941</u>	<u>2721</u>	<u>2635</u>	<u>2638</u>	<u>3</u>	<u>83</u>	
H9	201	595	504	466	466	-	38
	202	546	463	456	459	5	9
	203	463	405	379	389	10	16
	204	557	470	473	473	-	6
	205	<u>182</u>	<u>135</u>	<u>133</u>	<u>133</u>	<u>-</u>	<u>2</u>
Total	<u>2341</u>	<u>1991</u>	<u>1907</u>	<u>1920</u>	<u>15</u>	<u>71</u>	

Area	Block No.	No. of farm allotments		Settlement upto 31.12.80	Settlement upto 31.03.81	Settlement during the quarter	No. of farm allotments to be settled.
		Total	For initial settlement				
H4	401	1302	1205	1192	1205	13	-
	402	874	800	770*	770	-	30*
	403	1029	900	875	899	24	1
	404	519	474	474	474	-	-
	405	1429	1200	1100	1100	-	100
	406	555	500	372	405	33	95
	407	580	530	461	467	6	63
	408	450	450	313	326	13	124
	409	900	850	516	593	77	257
	410	541	450	277	443	166	7
Total		<u>8179</u>	<u>7359</u>	<u>6350</u>	<u>6682</u>	<u>332</u>	<u>677</u>
H5	411	706	650	207	282	75	368
	412	767	680	673	676	3	4
	413	575	500	460	466	6	34
	414	663	620	574	576	2	44
	415	440	400	384	388	4	12
	417	748	650	599	608	9	42
	418	471	420	358	371	13	49
	419	608	450	-	-	-	450
	420	457	330	232	237	5	93
	421	382	320	259	282	23	38
	Total		<u>5817</u>	<u>5020</u>	<u>3746</u>	<u>3886</u>	<u>140</u>

*Revised.

12. FIRST QUARTER REPORT OF THE QUALITY CONTROL UNIT IN
SYSTEM 'H'.

Since the major construction works in area 'H' have been completed, the apparatus and equipment of the Quality Control Unit at Maha-Iluppallama in System 'H' were transferred to Mapakada in the System 'C' and Aralaganwila in the System 'B'.

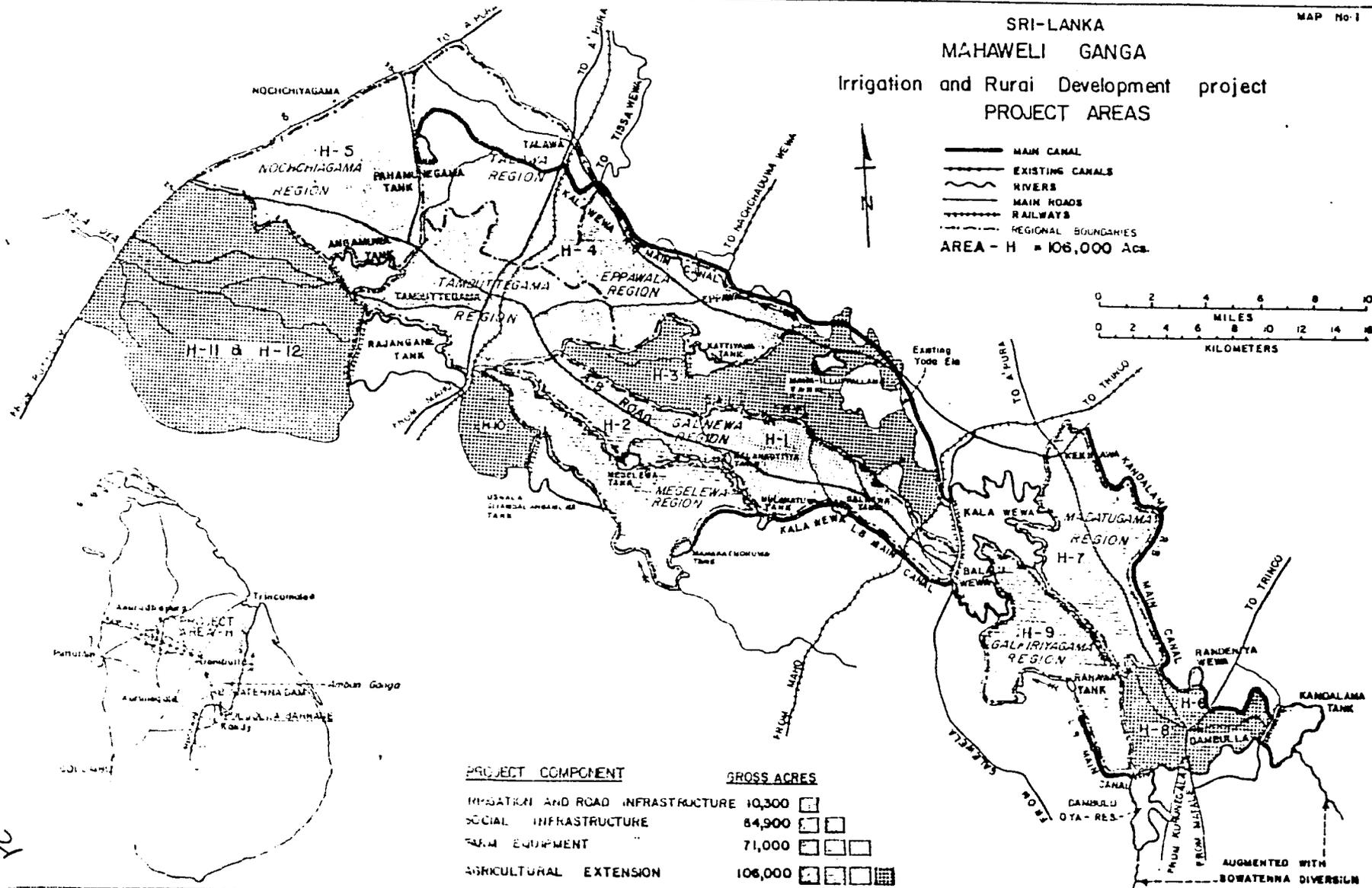
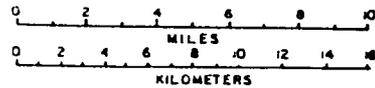
However, the construction staff in area 'H' has gained the necessary knowledge and experience to carry out the routine Quality Control activities that are needed for the present implementation of the construction programme for 1981.

= MAPS =

SRI-LANKA
MAHAWELI GANGA

Irrigation and Rural Development project
PROJECT AREAS

- MAIN CANAL
 - - - EXISTING CANALS
 - ~ RIVERS
 - MAIN ROADS
 - RAILWAYS
 - REGIONAL BOUNDARIES
- AREA - H = 106,000 ACRES

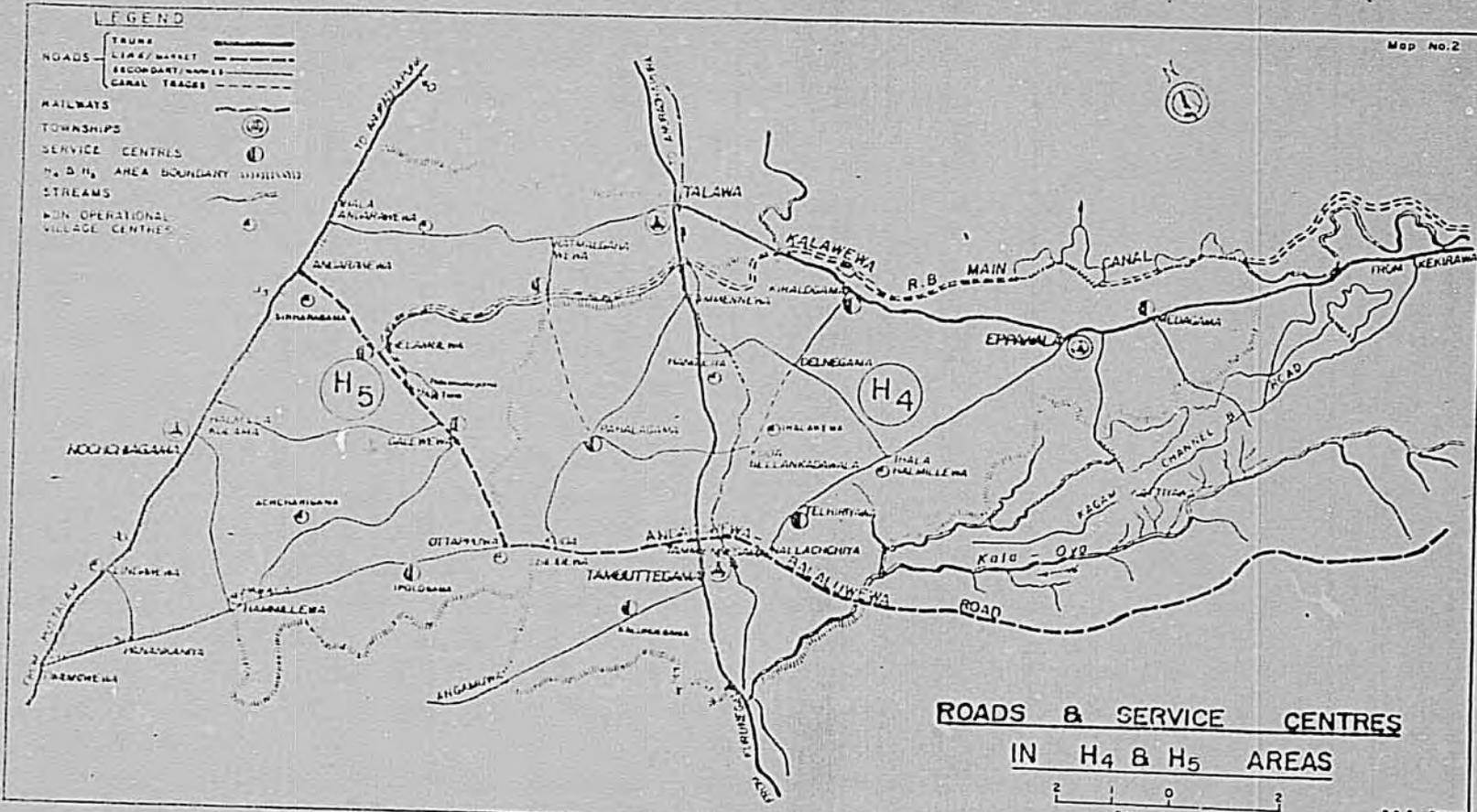


PROJECT COMPONENT	GROSS ACRES	Legend
IRRIGATION AND ROAD INFRASTRUCTURE	10,300	[Patterned box]
SOCIAL INFRASTRUCTURE	84,900	[Patterned box]
FARM EQUIPMENT	71,000	[Patterned box]
AGRICULTURAL EXTENSION	106,000	[Patterned box]

AUGMENTED WITH
BOWATENNA DIVERSION

LEGEND

- ROADS
 - TRUNK
 - 1st & 2nd
 - SECONDARY
 - CANAL TRACES
- RAILWAYS
- TOWNSHIPS
- SERVICE CENTRES
- H, D, H, AREA BOUNDARY
- STREAMS
- NON OPERATIONAL VILLAGE CENTRES

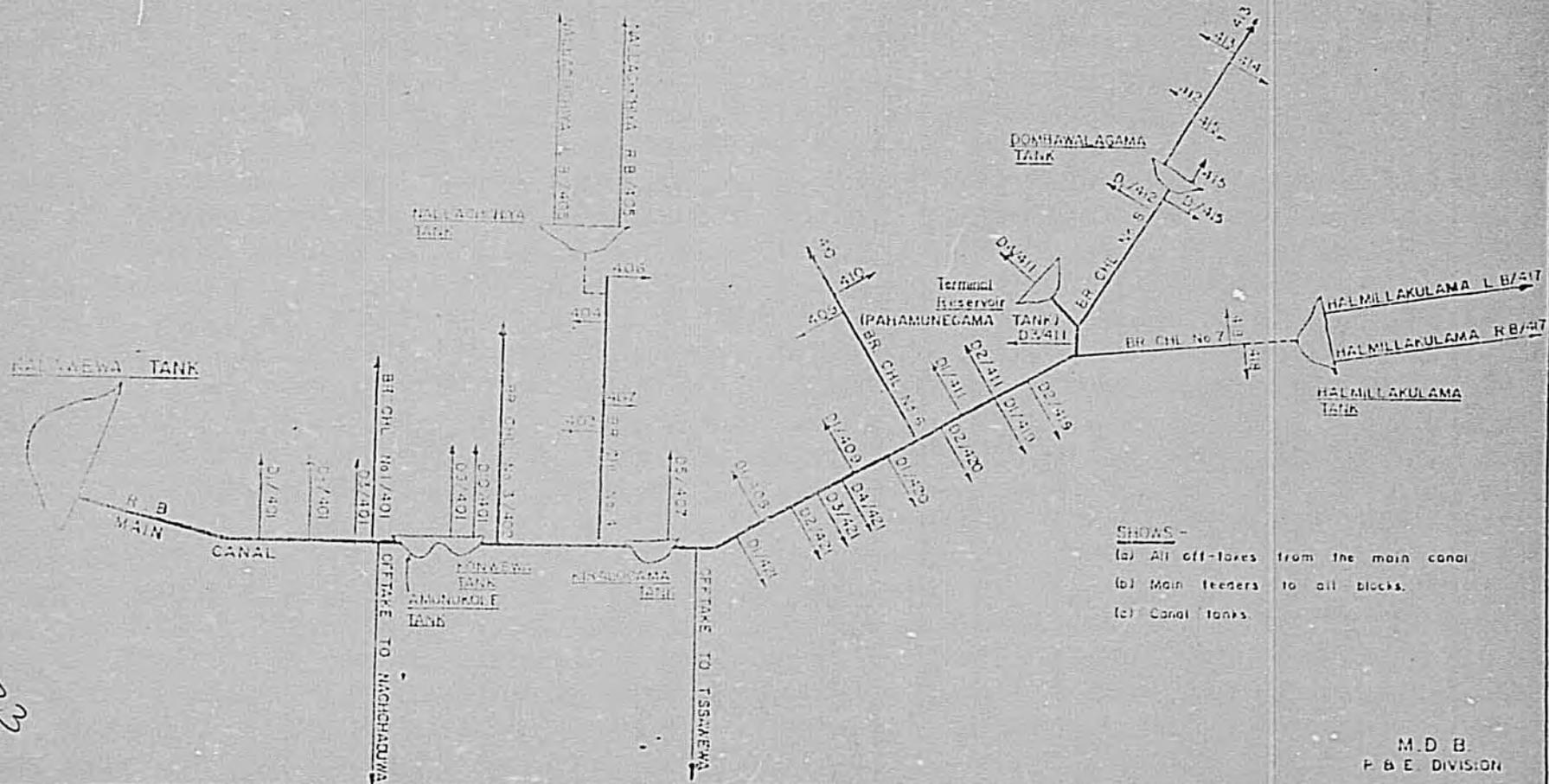


**ROADS & SERVICE CENTRES
IN H4 & H5 AREAS**

2 1 0 2
Scale in Miles

P. E. D. 02-01-1980

H4 & H5 AREAS - SCHEMATIC LAYOUT OF MAIN SUPPLY SYSTEM



SHOWS -
 (a) All off-takes from the main canal
 (b) Main feeders to all blocks.
 (c) Canal tanks.

M. D. B.
 P. & E. DIVISION

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= ANNEXES =

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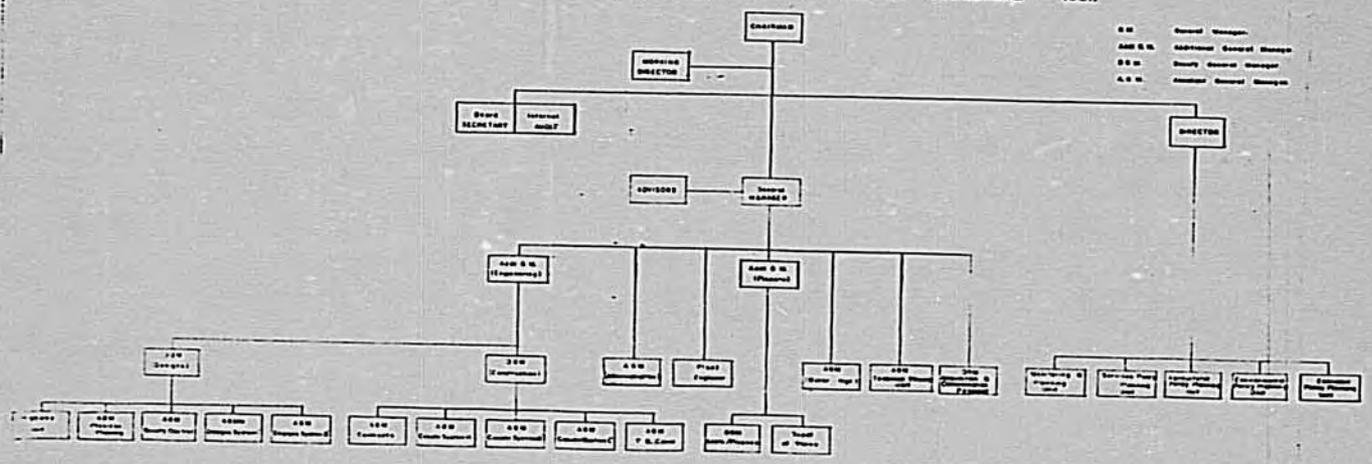
CAPITAL EXPENDITURE STATEMENT FOR THE PERIOD, JANUARY - MARCH 1981

(All in millions of Rupees)

DESCRIPTION OF CAPITAL WORKS	TOTAL	STAGE I				STAGE II		ACCELERATED		PROGRAMME		Other projects
		E.I.C. (K.P. 11)	E.I.C. (Kowatenna)	I.P.P. (Tambuttegama)	M.P.E. (Neecheliyagama)	A.G.H.(C) (Mahaaluppa-1100)	System B (Velikanda)	System C (K.K.L. (Anilaganville))	System C			
<u>Capital Works</u>												
Minor Aicut	0.307											
Transfer Canal 3 - 4.7 km.	3.867										0.807	
Transfer Canal 4.7 - 37 km.	17.665										3.867	
Kothmaleya reservoir	5.901										17.665	
Mihitiya reservoir	3.457										5.901	
Tunnel	2.736										3.457	
Kowatenna Diversion Unit	1.500										2.736	
Main Canal	1.361		1.5									
Branch Canal	1.2287		0.006									
Field Channel	3.623			0.051								
Drainage Channel	1.333			0.2403		0.076						
Distribution Channel	2.163			2.677		0.764			0.0534			0.859
Permanent Buildings	29.4845	0.051		0.761		1.495		0.182				
Temporary Camps	0.2285		0.02	1.447		0.707		0.041				0.607
Canals, Culverts & Bridges	13.625			0.116		2.725		0.054				
Fences (bonded walls)	4.8718		0.006	7.464		1.409		0.0045				0.118
Land Development	0.664			3.204		7.058		0.004		1.76		1.853
Land Clearing	0.0074			0.345				0.0098				
Land Preparation	0.037					0.002		0.390		0.034		
Tree Improvements	4.062							0.0054				
Survey & Investigations	2.8006					0.006		0.006			0.027	
Pre. Settlement	0.002		0.005	2.555		0.517		0.473		0.255		0.554
Settlement	0.010			0.049		0.0296		0.157		0.293		1.327
Post Settlement								0.002				
Agriculture								0.010				
Electricity & Telecommunication	0.304											
Education & Training								0.304				
Administration Capital	1.3983	0.023										
Contractors & Suppliers advances	4.0543	0.0733		0.647		0.567		0.188				0.0983
Supply of Material	2.0264			0.058		2.473		0.463				0.418
Contractors & Consultants payments advanced	5.864			0.0014		0.284		0.428		0.390		0.642
				0.109		2.122		0.249		0.100		0.729
								1.356		0.983		0.736
												0.455
<u>Other Expenses</u>												
Personal emoluments & employees advances	5.9845	0.347										
Overheads	3.1694	0.41		0.2455		1.922		0.875		0.576		0.579
Current Account	4.708	0.185		0.073		0.74		0.667		0.148		1.444
				0.001		1.247		0.309		0.163		0.803
								0.172		0.114		2.374
Total	129.7474	1.0826		2.7479		39.8533		8.6926		7.3524		10.4167
												6.7974
												52.3493
												0.455

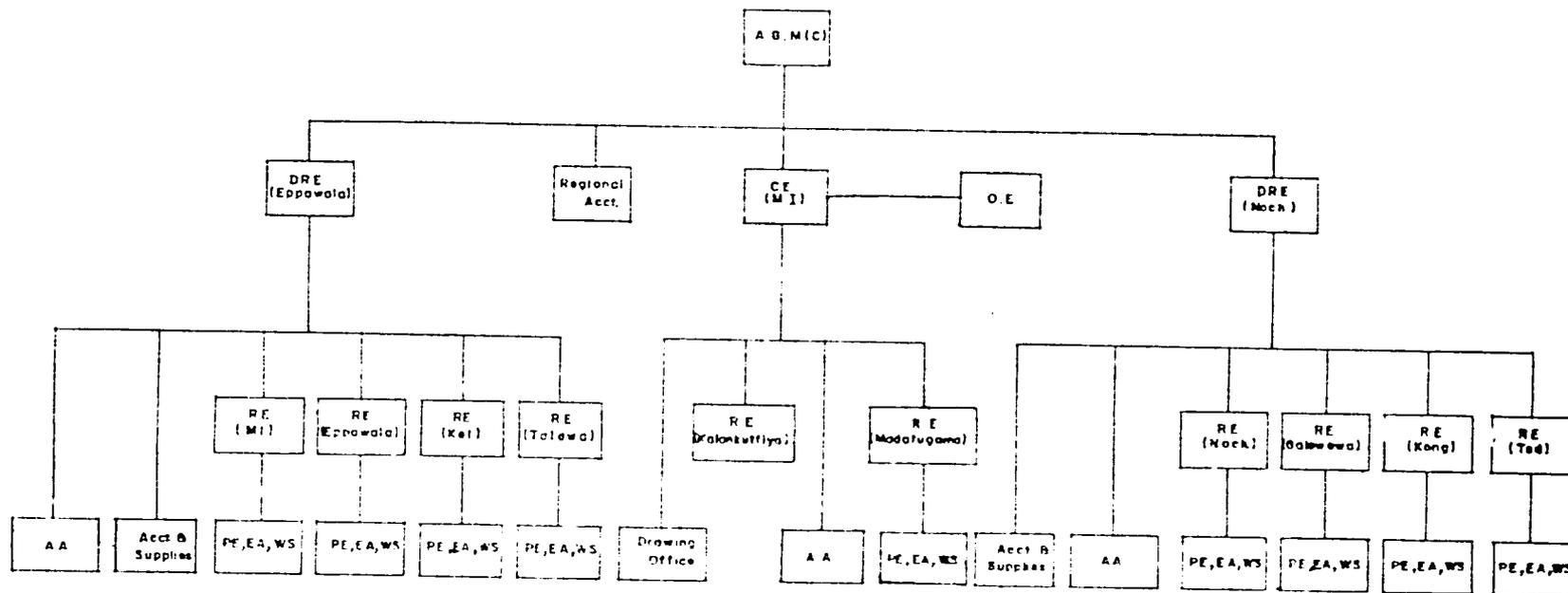
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MAHAWELI DEVELOPMENT BOARD - ORGANIZATION STRUCTURE - 1981.



P. S. SUNDAR
4-81-1981/7.2

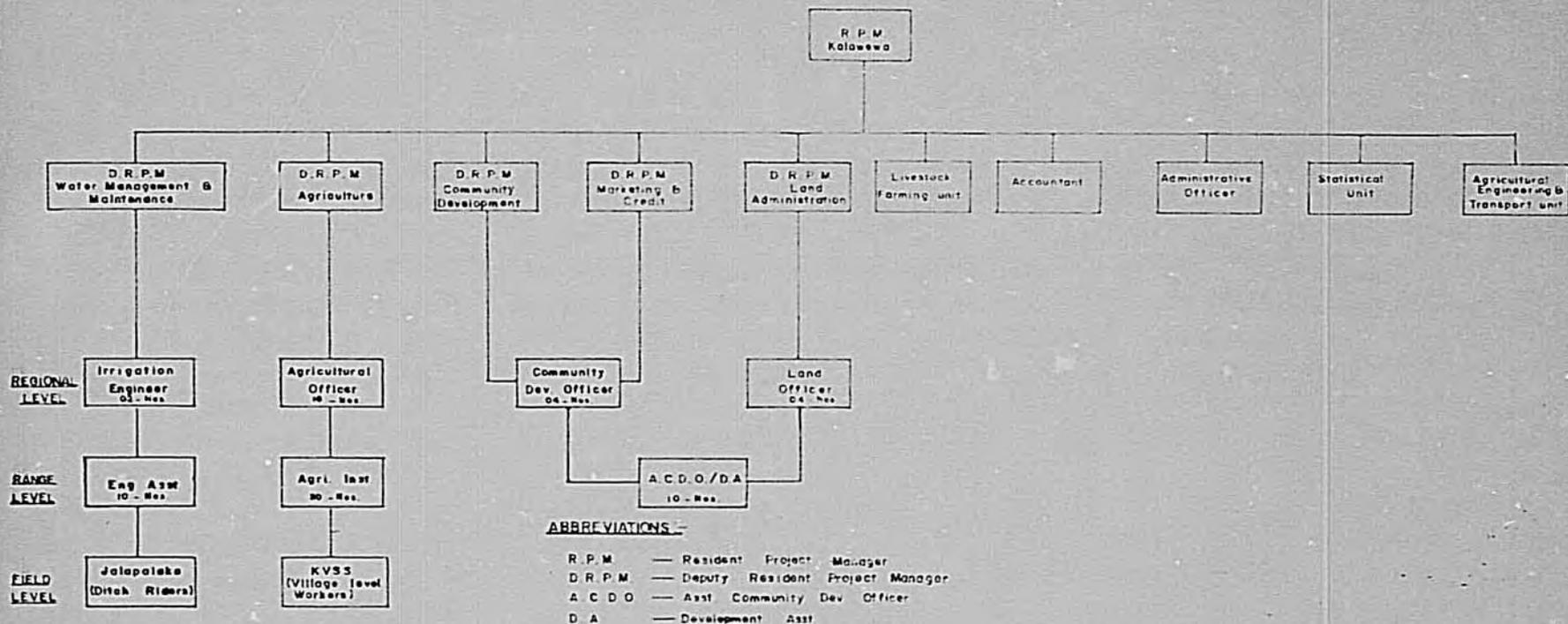
ASST. GENERAL MANAGER (CONST.) SYSTEM 'H' - ORGANIZATION STRUCTURE



ABBREVIATIONS:-

A.G.M.	—	Asst. Gen. Manager
D.R.E.	—	Divisional Resident Engineer
R.E.	—	Resident Engineer
C.E.	—	Chief Engineer
O.E.	—	Office Engineer
P.E.	—	Project Engineer
A.A.	—	Admn. Asst
E.A.	—	Eng. Asst
W.S.	—	Works Supervisor

RESIDENT PROJECT MANAGER (KALAWEWA) — ORGANIZATION STRUCTURE



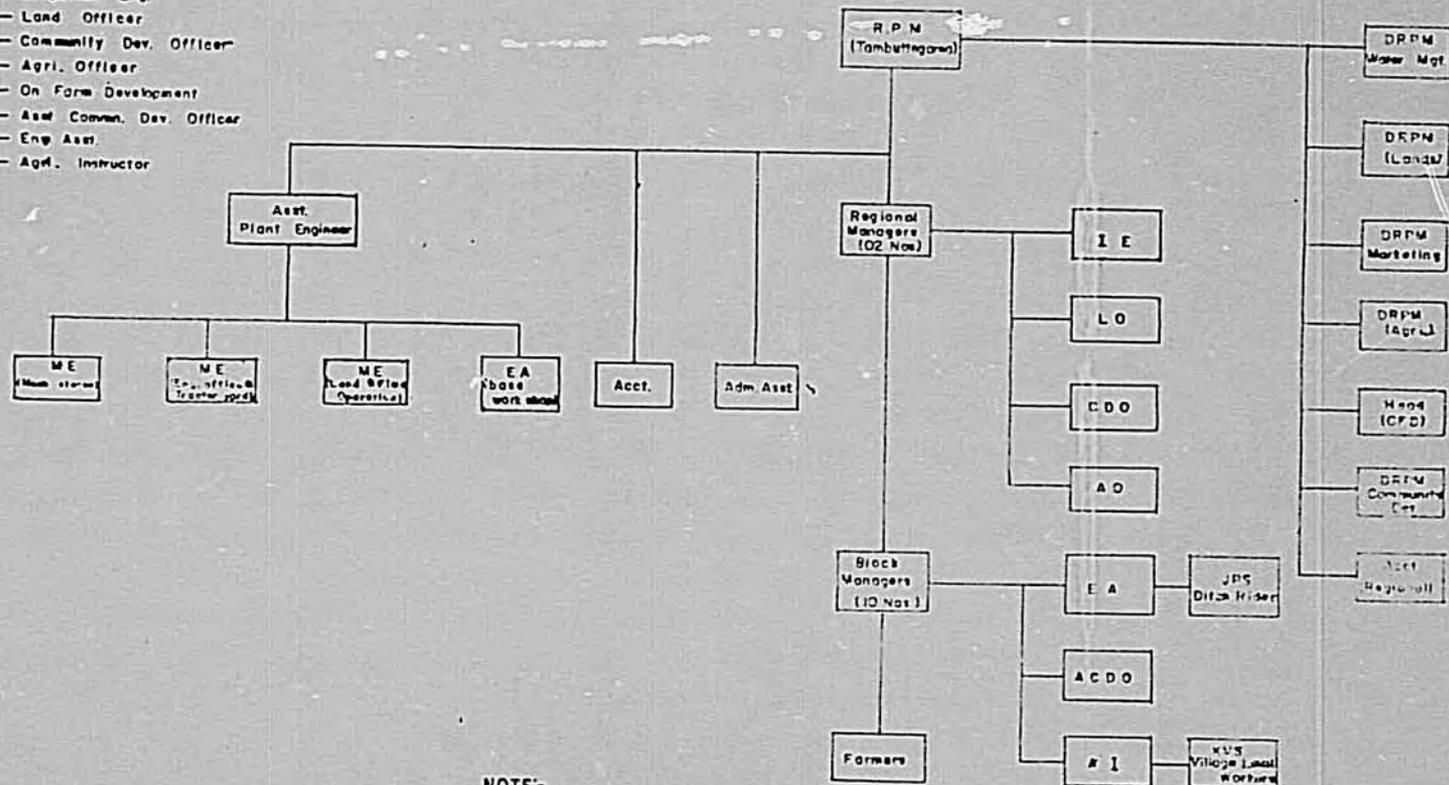
NOTE -

Officer & farmer training unit for both R.P.M. (Kalawewa) & R.P.M. (Tamburtegama) is functioning under Chief Project Coordinator.

RESIDENT PROJECT MANAGER (TAMBUKTEGAMA) - ORGANIZATION STRUCTURE

ABBREVIATIONS:-

R.P.M.	— Resident Project Manager
C.R.P.M.	— Deputy Resident Project Manager
M.E.	— Mechanical Eng.
I.E.	— Irrigation Eng.
L.O.	— Land Officer
C.D.O.	— Community Dev. Officer
A.O.	— Agri. Officer
O.F.D.	— On Farm Development
A.C.D.O.	— Asst. Commn. Dev. Officer
E.A.	— Eng. Asst.
A.I.	— Agrl. Instructor



NOTE:-

Officer B farms training unit for both R.P.M. (Kalewewa) & R.P.M. (Tambuttegama) is functioning under Chief Project Coordinator.

PURCHASE PROGRESS STATEMENT OF MACHINERY & EQUIPMENT AS AT 31.3.1981

Annex: 7
Page 1 of 6

Items of Equipment	QTY.	Year opened date	Min. being processed/closed	Orders placed (Date)	Shipped on (Date)	Arrived in Harbour	Cleared from Harbour	At Local Agents Qty/Date	Taken into Inventory	Sent to project Qty/Date	Handed over to DM & E Qty/Date	Present location	Remarks
<u>CRANE</u>													
1. Crane, Truck mounted 10 ton. spares for truck mounted crane	1	18.2.78		1.2.78	6.12.78	15.1.79	24.1.79	24.1.79			Yes 6.4.79	DM & E	At Nocheriyagama
					26.11.79		11.1.80						
2. Fork lift truck hydraulic 5 ton.	1	30.12.77		7.1.78	28.6.78	4.8.78	23.10.78	23.10.78	yes		Yes 27.11.78		MDB Head Office.
3. Fork lift truck spares					31.8.79		18.12.79					M.I.	
4. Water Bowsers, 1200 IMP gals.	8	1.2.78		3.4.78	7.12.78	15.1.79	1.2.79	1.2.79				M.I.	All sent to Maha luppallama.
5. Fuel Bowsers, 1000 imp. gals.	2	1.2.78		3.4.78	5.1.79	20.3.79	22.3.79	22.3.79					All sent to Maha luppallama.
6. Truck, lump 5 cu. ya.	6	1.2.78		3.4.78	7.12.78	15.1.79	2.2.79						All sent to Maha luppallama.
7. Truck Chassis only, 5 ton.	6	14.2.78		3.4.78	Shipped on 7.12.78	20.3.79	22.3.79						All sent to Maha luppallama.
	18					15.1.79	2.2.79	2.2.79		1.6.79			Sent to MI 5 at Jayamelee & Co., Body builders for converting to work: D.M. & E.
8. workshop Van	1	14.2.78	19.2.78	3.4.78	15.1.79	20.3.79							At M.I.
9. Spares for International Trucks					5.6.79		21.9.79						H. O.
10. Truck Van/4 Cinema equipment	1			Aug.80	17.9.80		16.10.80						Handed over to the Health Department.
11. Bus, 50 passenger - Diesel	1			Tender called. No suitable offers received. MDB decided not to proceed with the purchase.									
12. Ambulance	4			Tender closed on 28.11.79									
13. Truck, Pick Up, 4	12			Tender closed on 28.11.79									
14. Field Wagon 4 x 4	9			Suitable offers not received. MDB decided not to proceed with the purchase.									
15. Field Car 4 x 4	59	15.1.79		Tender not proceeded with as left hand drive/E cars were available									
16. Field Car welding 4 x 4	1			Tender not called.									
17. Outboard Motor 4 hp.	4				8.9.78	9.10.78							Sent to M.I.

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Items of Equipment	Qty.	Bids opened date	Bids being processed/closed	Orders placed (Date)	Shipped on (Date)	Arrived in Harbour	Cleared from Harbour	At Local Agents Qty/Date	Taken into Inventory	Sent to project Qty/Date	Handed over to DM & E Qty/Date	Present location	Remarks
18. Air Compressor 250 cfm. 4 wheel diesel	5	30.12.77			19.5.78	26.10.78	12.12.78						
19. Drill, pneumatic T-Handle	20											Sent to M.I.	
20. Mixer concrete 10/7 cu.ft.	1	30.12.77		6.3.78	2.8.78	9.10.78	25/26.10.78		Yes				At M.I.
21. Spares for 12 concrete mixers					13.6.79	(Cleared and sent to M.I.)							At M.I.
22. Vibrator, concrete	14	30.12.77		6.3.78	27.8.78	Oct.78			Yes				At M.I.
23. Vibrator concrete spares						6.7.79	16.9.79						24 sent to M.I.
24. Radio Transceiver GSB	15	30.12.77				12.1.78	June 78						At M.I.
25. Paddy Storage & processing equipment													11 at sites. 4 at stores.
26. Chain Saws	50	30.12.77		6.3.78	9.5.78	Airport 30.5.78	July 78						Specification reviewed by CIDA after meeting PME Officials. Tender closed on 26.11.80 & awaiting approval by Cabinet.
27. Chain Saws parts						6.6.79	Cleared on 14.9.79 and sent to M.I.						7 at RVDB. 43 at MI.
28. Low Bed Trailer 43 ton.													At M.I.
29. Fuel Bowser - 2,250 glns.	13	9.2.79			24.12.79			20.2.80					Last Review Mission appd. purchase from Paccar Ltd., Canada. Awaiting quotations from Paccar Ltd..
30. Road Tr. etc.	2				26.4.81								10 with Petroleum Corporation & 3 at Tambuttegama.
31. Fuel & low bed Trailer	1	9.2.79			24.12.79			20.2.80					
32. Lubrication & Maintenance Unit	1			14.1.79	15.9.80	18.11.80	With local agents						At Tambuttegama.
													At Jawatt: Head Office

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Items of equipment	Qty.	Bids opened date	Bids being processed/closed	Orders placed (Date)	Shipped on (Date)	Arrived in harbour Qty/Date	Cleared from Harbour Qty/Date	At Local Agents Qty/Date	Taken into Inven-tory	Sent to project Qty/Date	Handed over to DM L E Qty/Date	Present location	Remarks
a. U.S. AID													
1. Tractor, Crawler 300 hp.	1	27.2.78		19.6.78	30.8.78	7th & 8th Nov. '78	22.12.78					D.M.ZE.	(10 at M.I. 1 at Cement Corp.
2. Tractor, Crawler 200 hp.	8												
3. Grader Motorized 135 hp.	10	27.2.78		14.8.78	8.10.78		Feb.78				29.3.79		At M.I.
4. Vibrator Rollers G.41	14	27.2.78			13.10.78		8.1.79						At M.I.
5. Workshop Equipment G.Z.F		27.2.79		27.2.79	27.10.79		7.2.80						At Tambuttegama.
6. Monitoring Equipment - Water		27.2.79		"	2.12.79		Feb.80						At Bowatenna.
7. Theodolite	5	27.2.79			9.1.80								Head Office
8. Levels	36	27.2.79			9.1.80		28.3.80						
9. Lubricating Unit	1	30.3.79		30.3.79	24.12.79		Feb. '80						At Head Office
10. Current Meters with accessories	18	20.3.79		20.3.79	Air freighted								At At Kalawewa
11. Workshop equipment Gr. E	6	23.3.79		23.3.79	27.12.79		5.3.80						At Tambuttegama
12. Engine testing equipment		29.3.79		29.3.79	Shipped		5.3.80						At Head Office
13. Workshop Equipment G.		29.3.79		29.3.79			Feb.80						At Tambuttegama
14. Workshop equipment G. E.		19.3.79		19.3.79	19.10.79		Feb.80						At Tambuttegama
15. Office Equipment		29.3.79		29.3.79	Shipped partly								At Head Office
16. Ford Tractors 60 - 70 hp.	31	27.2.78		6.6.78	8.10.78	14.12.78	Dec.80						At Kalawewa
17. Tooling set for W/Shop equipment	set				8.10.80	12.12.80							At Tambuttegama
c. U.K. GRANT													
1. Tractor, 4 wheel Drive 60-70 hp.	50					15.10.78							50 at Galneva.
1a. D.E. Tractor Parts					29.6.79								At Eppavala
2. Tractor 4 wheel Drive 40-50 hp.	200												140 sold to farmers. Balance at Kalawewa.
2a. Tractor spares					30.11.79								
3. 11 Tine Tillers	25	18.9.78			16.7.79								At Galneva.
4. Furrow and Ploughs	30	18.9.78			28.7.79		3.4.79						At Galneva.

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Items of equipment	Qty.	Bids opened date	Bids being processed/closed	Orders placed (Date)	Shipped on (Date)	Arrived in harbour Qty/date	Cleared from Harbour Qty/Date	At Local Agents Qty/Date	Taken into inventory	Sent to project Qty/Date	Handed over to DM & E Qty/Date	Present location	Remarks
5. Rear Mounted Blades	10	18.9.78			16.1.79								
6. Off-Set Disc Furrow	10	18.9.78			12.3.79								At Galneva
7. Rotovator	10	18.9.78			26.4.79		18.7.79						At Eppawela
8. Front Mounted Blades	10	18.9.78			26.7.79								9 at Galneva. 1 with local agents for repairs
9. Ditchers	10	18.9.78			12.4.79								
10. Trailers, 5T.	50	18.9.78											
11. 9 Tine Tillers	311	18.9.78						2.4.80					At Eppawela.
12. 2 Furrow Disc Ploughs	76	18.9.78											
12a. Disc Plough spares													
13. Offset Disc Harrows	161	18.9.78											
14. Trailers, 3 T.	11	18.9.78											
15. Components for 300 Nos. Trailers (3 T)	300	18.9.78											
16. Scrub Cutter	5	18.9.78											
6. <u>IDA/NETHERLANDS CREDIT - 701 CE</u>													
1. Hullers	25												
2. Generating sets 10 kva.	4	7.12.77		28.7.78	12.9.79								With Local Agents.
3. Pump 3"	6	7.12.77		1.11.78									2 at M.I. 2 at Mahiyanganaya. At M.I.

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Items of Equipment	Qty.	Bids opened date	Bids been processed / closed	Orders placed (Date)	Shipped on (Date)	Arrived in Harbour	Cleared from Harbour Qty/Date	At Local Agents Qty/Date	Taken into inventory	Sent to project Qty/Date	Handed over to DM & E Qty/Date	Present Location	Remarks
4. Two wheel Tractors	150	7.1.77		28.12.78			Yes.						
5. Two wheel tractor spares					29.9.78								a. 2 at Kantale bar. b. 148 at Galneze - sold to farmers.
6. Radio Transceivers	12			25.7.78	14.6.79	In Head Office							Sold to local Agent.
7. Gates A. 10 71/40	2			24.4.79	27.8.79		19.10.78						
8. Orchard Valves						Shipped.	Cleared and sent to M.I.						M. I.
9. Quality Control Apparatus							10.01.80						
10. Motor Cycles	89				Shipped 26.4.80		June 80						Mahiyanganaya.
11. Soil Probing & Sampling machine	4			1.12.80									Issued to Staff.
12. Rain Gage	2			22.1.81									Mahiyanganaya.
13. Sheepfoot roller	6			Tenders called are being evaluated.									
e. U.K. GRANT 2/1975 (Plant for Whittva Reservoir)													
1. Motorized Scrapers	5			22.2.79	25.4.79	4.6.79	Aug.79						
2. Bulldozers	4			22.2.79			Cleared						Handed over to CDE.
3. Motor grader 125 H	1			14.2.79	6.4.79	3.6.79	15.6.79	19.6.79					Handed over to CDE.
4. Fuel Tanker	1			14.2.79	30.12.79		Jan.80						-do-
5. Wagon Drills	2			14.2.79		May 79	27.6.79						-do-
6. Span Bridges	14			22.3.79	Shipped on 29.6.79		cleared						
7. Steel Becks and Towers	8												Kotmale & Polgolla.
f. I.B.R.D. Loan 653 Cl.													
1. Drill Hous	100	27.9.78		22.1.79			22.5.79						At M.I.
2. Concrete Packer Vibrators	50	29.9.78		23.1.79	3.6.79		July 80						Tambuttigana
3. Portable Air Compressors 600 CFM	4	27.9.78		22.1.79	2 on 4.6.79 2 on 10.12.79		Feb.80 March 80						4 at M.I.

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Items of Equipment	Qty.	When opened date	When being processed/closed	Orders placed (Date)	Shipped on (Date)	Arrived in Harbour Qty/Date	Cleared from Harbour Qty/Date	At local agents Qty/Date	Taken into inventory	Sent to project Qty/Date	Handed over to DM & E Qty/Date	Present location	Remarks
4. Front End loaders	6	27.9.78		24.1.79	10.4.79		June 79	10.6.79					At M.I.
5. Portable Air Compressors - 210 CFM	8					3 Nos. Shipped, May 79 5 Nos. in June & July 79							At M.I.
6. Vibratory Rollers	10	27.9.78		27.2.79	7.5.79		7.7.79						At M.I.
7. Rock Drills	20	27.9.78		7.2.79	June 79		July 79						At M.I.
8. Road Rollers	10	27.9.78		24.1.79	29.10.79		Aug.79						At M.I.
9. 10 KVA. Generating sets	10	27.9.78		20.2.79	22.9.79		22.10.79						At M.I.
10. 25 KVA Generating sets	10	27.9.78		21.2.79	14.9.79		Oct.79						{ 6 at Maduruoya. 2 at M.I. 2 at Mahiyanganaya.
11. Compressors and Hand Grinders	10	27.9.78		20.1.79	about 16.7.79		Cleared in Nov.79						5 M.I. 4 Kalnewa & 1 Polgolla
12. Stone Crushers	15	27.9.78		6.3.79	(10 shipped on 23.10.79)	(15 Engines 79 (15 Crushers Nov. & Dec.79)							Sent to M.I.
13. Tipping Lorries	12	27.9.78		15.2.79	30.10.79		Dec.79						1 at SD & CC. 2 at Mahiyanganaya 12 at M.I.
14. Theodolites	7	27.9.78		19.3.79	cleared		27.9.79						At. M.I.
15. Track Drills	4			19.10.79			{ 2 on 13.12.79 2 on 13.2.80						at Head Office
16. Concrete Mixers 5 - 3 1/2 ton.	30			26.10.79			Dec.79						4 at M.I.
													{ 10 at Mahiyanganaya 15 at Maduru Oya 5 at Galnewa

SW

H4 & H5 AREAS - REVISED CONSTRUCTION PROGRAMME FOR BALANCE WORK

ITEM	TOTAL QTY.	BALANCE QTY.	UNIT.	1981												1982												REMARKS
				JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1. R.S. MAIN CANAL	28	NIL	MLS.	COMPLETE																								
2. BRANCH CANAL	20	01	MLS.	[Hatched bar from Jan to May 1981]																								
3 JUNGLE CLEARING	44,900	NIL	ACS.	COMPLETE																								
4 IRRIGATION INFRASTRUCTURE*																												* Development Work in BLOCK 418 is not covered under the 50-Programme and is exclusive of BLOCK 418.
4.1 DISTRIBUTORY CHANNEL (Ex.)	10,735	800	Cha.	[Hatched bar from Jan to Sep 1981]																								
(Sl.)	2,465	163	Noa.	[Hatched bar from Jan to Sep 1981]																								
4.2 FIELD CHANNEL (Ex.)	27,745	3,900	Cha.	[Hatched bar from Jan to Sep 1981]																								
(Sl.)	15,575	4,400	Noa.	[Hatched bar from Jan to Sep 1981]																								
4.3 DRAINAGE CHANNEL (Ex.)	23,180	6,345	Ch.	[Hatched bar from Jan to Sep 1981]																								
5. MARKET ROADS (Metalling & Tarring)	58	58	MLS.	[Hatched bar from Jan to Sep 1981]																								
6 POPULATION CENTRES (Land Marking & Internal Roads.)																												
6.1 HAMLETS	136	136	Noa.	[Hatched bar from Jan to Sep 1981]																								
6.2 TOWNSHIPS & VILLAGE CENTRES	09	02	Noa.	[Hatched bar from Jan to Sep 1981]																								
7 SOCIAL & AGRI. INFRASTRUCTURE																												
7.1 SCHOOLS, POST OFFICES & POLICE STATIONS	48	36	Noa.	[Hatched bar from Jan to Sep 1981]																								
7.2 MEDICAL CENTRES	03	03	Noa.	[Hatched bar from Jan to Sep 1981]																								
7.3 HAMLET WELLS	1,230	1,170	Noa.	[Hatched bar from Jan to Sep 1981]																								
7.4 SEED & FERTILIZER STORES & CO-OPERATIVE DEPOTS.	52	28	Noa.	[Hatched bar from Jan to Sep 1981]																								
7.5 GRAIN STORES & PMB. COMPLEX	155	78	Noa.	[Hatched bar from Jan to Sep 1981]																								
7.6 PROJECT MANAGEMENT OFFICES & QUARTERS	299	69	Noa.	[Hatched bar from Jan to Sep 1981]																								
7.7 AGRIL., COMMUNITY TRAINING & RESEARCH BUILDINGS	12	09	Noa.	[Hatched bar from Jan to Sep 1981]																								
8 WATER DELIVERY (For Irrigated Cropping)				[Hatched bar from Jan to Sep 1981]																								

P.O. Post Office
R.S. Police Sta.
10104
B. School.

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