

- (1) பக்கங்களின் எண்ணிக்கை 16
 (2) புதுக்கித் திருப்பிய நாள் 3/89
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 60

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	523 W	அச்சகம் பலவகை
நாள் :	17-2-1890	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

1001

GOVERNMENT OF MADRAS.
REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 29th July 1889, No. 373 :—

MR. WILSON.

Read—the following letter from H. SEWELL, Esq., Collector of South Arcot, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Cuddalore, 29th April 1889, No. 574 Indexed :—

Referring to the Board's Proceedings, No. 27, dated 24th January 1888, and to the concluding portion of my reference on Board's received No. 32-88, dated 17th July 1888, I have the honor to submit, for the year 1889-90, a list of Civil Agency works, talukwar, suitable to be undertaken as famine-relief works, costing in all Rs. 40,87,265.

ENCLOSURE.

Works.	Probable cost.
Tindivanam Taluk.	RS.
Civil Agency works—	
1. Excavating a new supply channel from Tondiar river, Vallam to Gidangal tank	40,000
2. Repairing the bunds of and the masonry works in 408 minor tanks (a)	1,55,100
3. Repairing 474 drinking-water ponds	1,19,250
4. Constructing 53 cattle-pounds	13,250
5. Do. 295 village chavadies	59,590
6. Improving ten village sites	2,750
7. Forming nine roads	1,89,000
Total, Civil Agency works ...	5,78,940

Works.	Probable cost.
Villupuram Taluk.	RS.
Civil Agency works—	
1. Repairing the bunds of and the masonry works in 228 minor tanks (b)	65,255
2. Repairing 52 drinking-water ponds (c)	12,620
3. Improving 30 village sites (d)	3,025
4. Constructing 40 cattle-pounds	6,400
5. Do. 55 village chavadies	13,750
6. Repairing 18 cart-tracks (e)	5,905
7. Forming six new roads and repairing two existing ones	7,800
8. Petty construction and repairs to civil buildings	600
Total, Civil Agency works ...	1,15,355

(a) Earthwork to the extent of about Rs. 2,500 and masonry to an equal amount have to be done this year.
(b) Earthwork to the extent of about Rs. 6,700 and masonry to Rs. 2,830 are to be done this year.
(c) Eleven are to be done this year for Rs. 2,520.
(d) Four are to be done this year for Rs. 300.
(e) Four are to be done this year for Rs. 700.

Works.	Probable cost.
<i>Tiruvannámalai Taluk.</i>	
Civil Agency works—	RS.
1. Construction of masonry works in 84 minor tanks ...	25,050
2. Repairing the bunds of and the masonry works in 159 minor tanks ...	60,350
3. Petty construction and repairs ...	750
4. Repairing 50 drinking-water ponds and digging seven new ones ...	83,850
5. Constructing 16 cattle-pounds ...	1,680
6. Do. 43 village chavadies ...	9,420
7. Excavating two channels, one from Pennár and another from Cheyár to feed tanks ...	32,000
8. Forming 18 roads and repairing the existing ones ...	2,88,700
9. Constructing nine choultries ...	45,000
Total, Civil Agency works ...	5,46,800

<i>Vridháchalam Taluk.</i>	
Civil Agency works—	
1. Construction of masonry works in three minor tanks ...	1,300
2. Repairing the bunds of and the masonry works in 73 minor tanks ...	15,850
3. Petty construction and repairs to civil buildings ...	1,000
4. Repairing 116 drinking-water ponds ...	19,650
5. Constructing 39 cattle-pounds ...	4,275
6. Do. 84 village chavadies ...	16,800
7. Forming 18 roads, 130 miles in length ...	2,60,000
Total, Civil Agency works ...	3,18,875

<i>Chidambaram Taluk.</i>	
Civil Agency works—	
1. Raising the embankment of the Upanar and constructing outlets and excavating a drainage channel connecting the Upanar with the sea at Natarajapuram ...	50,000
2. Petty construction and repairs to civil buildings ...	535
3. Repairing seven drinking-water ponds ...	1,250
4. Constructing 46 cattle-pounds ...	3,940
5. Do. 31 village chavadies ...	5,810
6. Metalling and extension of roads (a) ...	76,965
Total, Civil Agency works ...	1,38,500

<i>Tirukoilúr Taluk.</i>	
Civil Agency works—	
1. Constructing masonry works in 22 minor tanks ...	88,000
2. Repairing bunds of and masonry works in 331 minor tanks ...	3,66,500
3. Original minor works such as the digging of fields and other agricultural works calculated to improve the outturn of the coming season ...	2,27,300
4. Repairing 14 spring channels ...	98,000
5. Petty construction and repair to civil buildings ...	4,000
6. Constructing 50 cattle-pounds ...	5,000
7. Do. 354 village chavadies ...	64,600
8. Do. six choultries and two dispensaries ...	34,000
9. Repairing 354 drinking-water ponds ...	72,000
10. Constructing a bridge across Ponnár at Tirukoilúr (b) ...	1,50,000
11. Do. across Gadilam on Ellavanasur-Kallakurchi road (b) ...	10,000
12. Forming five new roads and repairing the existing ones ...	2,68,500
Total, Civil Agency works ...	13,87,900

(a) Estimates for these works have been sanctioned.
(b) Local Fund works.

Works.	Probable cost.
<i>Kallakurchi Taluk.</i>	
Civil Agency works—	RS.
1. Construction of masonry works in 51 minor tanks ...	19,500
2. Repairing bunds of and masonry works in 232 minor tanks (a). ...	2,56,000
3. Petty construction and repairs to civil buildings ...	2,000
4. Original new works such as the digging of fields and other agricultural works calculated to improve the outturn of the ensuing season ...	2,48,700
5. Repairing 87 drinking-water ponds ...	60,200
6. Constructing 17 cattle-pounds ...	1,700
7. Do. 255 village chavadies ...	51,000
8. Do. four choultries and two dispensaries ...	26,000
9. Forming four new roads and repairing the existing ones ...	2,97,500
Total, Civil Agency works ...	9,62,600

<i>Cuddalore Taluk.</i>	
Civil Agency works—	
1. Repairing four tanks and cutting two channels ...	10,000
2. Forming the embankment for the Vellavary coming from Mount Capper to protect the wet lands of Vanamadevi and Thirumanikuli ...	3,000
3. Petty construction and repairs to civil buildings ...	950
4. Construction of eight cattle-pounds ...	895
5. Do. of 16 village chavadies ...	3,450
6. Reconstruction of the bridge across Malattar near Veeraperumanallur ...	20,000
Total, Civil Agency works ..	38,295

(a) Works for about Rs. 11,000 are proposed for the current year.

Resolution—dated 29th July 1889, No. 373.

Submitted for the information of Government.

2. The estimated cost of famine-relief works in South Arcot for 1889-90 is given below for each taluk:—

	RS.
Tindivanam ...	5,78,940
Villupuram ...	1,15,355
Tiruvannámalai ...	5,46,800
Vridháchalam ...	3,18,875
Chidambaram ...	1,38,500
Tirukoilúr ...	13,87,900
Kallakurchi ...	9,62,600
Cuddalore ...	38,295
Total ...	40,87,265

3. The above sum, at 1½ annas per diem, would afford employment for one year to 119,445 persons or 6½ per cent. of the population of the district, which amounted to 1,814,738 in the census taken in 1881.

4. A detailed list of the several works should be submitted for record in this office.

(True Copies and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department,
with a list, in original.
Collector of South Arcot.

Read—again G.O., dated 6th November 1889, No. 7148, Mis., Revenue.

ABSTRACT.—Recording G.O., dated 16th September 1889, No. 2056-L., Local and Municipal, forwarding statement of famine relief works proposed by the Local Boards and Municipalities in the districts of Chingleput, South Arcot, Tanjore, Trichinopoly, Madura and Tinnevely for 1889-90.

ORDER—dated 23rd January 1890, No. 66, Revenue.

Miscellaneous.

The statements appended to this order contain a list of works which could be opened in the South Arcot district in the event of the occurrence of famine. The probable cost of these works is estimated at Rs. 48,00,987. They will thus afford relief, for 12 months, to 5.8 per cent. of the population at an average wage of 2 annas per diem, or to 7.7 per cent. at an anna and a half.

2. In addition to these works, the Porto Novo-Salem and Villupuram-Pakal Railways would give employment to a large number of people. There are also several Professional Agency works which could be made available for execution by famine labor, after further investigation.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

To the Commissioner of Revenue Settlement, Land Records and Agriculture.
„ the Local and Municipal Department.
„ the Public Works Department.

No. 66A.

Copy to the Government of India, Revenue and Agricultural Department.

(Signed) C. A. GALTON,
Secretary to Government.

APPENDICES.

I.—List of Civil Agency Works proposed by the Collector.

Name of taluk.	Probable outlay.
	RS.
In Tindivanam taluk	
„ Villupuram do.	5,78,940
„ Tiruvannamalai taluk	1,15,355
„ Vriddhachalam do.	5,40,800
„ Chidambaram do.	3,18,875
„ Tirukoilur do.	1,88,500
„ Kallakurchi do.	18,87,900
„ Cuddalore do.	9,62,600
	88,295
Total	40,87,265

523/3

II.—List of works proposed by the District Board.

Nature of work.	Probable outlay.
	RS.
1. Constructing a road from Shatiatope to Srimushnam and Rajendrapatnam ...	30,000
2. Constructing a road from Kullanchavadi to Kadambaliyur ...	10,000
3. Improving trunk road No. IX between the Gadilam river at Panruti and Kurinjipadi ...	10,000
4. Improving road from Panruti to Tirukoilur via Anathur, Arasur and Tirukoilur ancient ...	20,000
5. Forming a road from the Olakur railway station to Vellimodu ...	25,000
6. Forming a road from Semmedu to Tirukoilur via Vettanatham ...	20,000
Total ...	1,15,000

REMARKS.—These works are the same as those given in the programme for last year.

III.—List of works proposed by Municipalities.

Nature of work.	Probable outlay.
	RS.
Chidambaram Municipality—	
1. Deepening Odai ...	1,500
2. Do. Aiyeekulum ...	1,000
3. Do. Nagacherry ...	1,500
4. Do. Peria Annakulam ...	700
5. Do. Omakulam ...	300
Total ...	5,000

REMARKS.—These works are the same as those given in the programme for last year.

Cuddalore Municipality—

1. Strengthening the bund between the Mount Capper upper and lower tanks ...	2,000
2. Repairing roads ...	3,000
3. Sinking wells ...	500
Total ...	5,500

IV.—List of Professional Agency Works available for famine labor.

Nature of work.	AMOUNT OF ESTIMATE.		
	Earth works.	Other works.	Total.
	RS.	RS.	RS.
1. Extension of the Buckingham canal from Thambakam to Kattukuppam and in the French territory between 16 $\frac{1}{2}$ and 19 $\frac{1}{2}$ miles. (a) ...	4,16,022	1,47,200	5,63,222

(a) The line was surveyed and estimated for before 1879. The plans and estimates require to be again checked and put into shape. The canal will, it is reported, be an excellent famine work and may bring a good deal of traffic to Madras.

No. V.—List of Professional Agency Works which can be made available for famine labor after further investigation.

Nature of work.	AMOUNT OF ESTIMATE.		
	Earth works.	Other works.	Total.
1. Tirukoilur taluk—			
Gadilam-Athur anicut project (a) ...	RS.	RS.	RS.
2. Cuddalore taluk—			
Second anicut across the Ponnai near Pattambakam (b) ...	...	...	...
3. Villupuram taluk—			
(1) Reddikuppam anicut project (c) ...	...	...	...
(2) Channels from Ponnai to Villupuram, &c., improvements (d) ...	...	...	...
(3) Pombay channels (e) ...	15,000	10,000	25,000
(4) Vathanur channel project (f) ...	...	...	...
4. Kallakurchi taluk—			
(1) Pallagacherry anicut project (g) ...	...	...	...
(2) Yenthal anicut project (h) ...	...	...	...
(3) Extension of Vriddhachalam anicut channel (i) ...	...	...	...
5. Tiruvannamalai, Tindivanam and Villupuram taluks—			
Restoration of the Nandan voikal from the Thuringalar anicut (j) ...	...	...	...

(a) This is a small project for which surveys and levels were taken some years ago. The estimate was returned to the District Engineer in 1878, but nothing has been done since. About 3,000 coolies can be employed on the work, which is likely to be completed in three years.

(b) For the supply of tanks on north banks of Ponnai below site of proposed anicut. The plans and estimates prepared in 1871 require revision. About 500 coolies can be employed on the work, which is likely to be completed in 16 years.

(c) For constructing an anicut across the Periyar or Varahanady for the supply of about 12 villages. The project was investigated in 1870-71 and is now being again looked into. About 500 coolies can be employed on the work, which is likely to be completed in four years.

(d) The improvements are intended for the better supply of tanks in the Villupuram taluk. Surveys and levels have been made, but they have not been checked. About 500 coolies can be employed on the work, which is likely to be completed in eight years.

(e) For the better supply of tanks under the system. Estimate of Rs. 25,200 for clearing and widening the channel and raising its banks sanctioned in G.O., No. 815 L., dated 28th October 1883; the estimate is now under revision. About 500 coolies can be employed on the work, which is likely to be completed in 6 years.

(f) The channel was excavated many years ago to supply six tanks whose total ayacut is 1,563 and assessment Rs. 8,809. The length of the channel is 9 miles and it branches from Pombay river, 2 of a mile east of trunk road No. 8. The channel is much silted and very irregular. It is, therefore, proposed to improve the channel.

(g) This project is divided into two parts. The first comprises an anicut over the Trimangemothanaddi with two main channels, one on the north bank, 7½ miles long, supplying six tanks, another on the south bank, 3¼ miles in length, to afford direct irrigation, there being no tanks or other means of supply. The second part of this project is the extension of the channel on the north bank, 7½ miles, to supply 8 tanks, to irrigate 1,000 cawnies, yielding a revenue of Rs. 5,000, but this extension is expected to be very expensive and quite unremunerative, (see Proceedings of the Madras Government No. 2416, dated 2nd October 1873).

(h) The project has been ordered to be carried out by a palayagar (*vide* Proceedings of Board of Revenue, No. 113, dated 4th February 1888).

This project is for the construction of an anicut across the Mayunadi, a minor tributary of the Vellaur, for supplying the tank of the Yenthal village belonging to the palayagar. An estimate of Rs. 17,250 for constructing the anicut and digging a new channel from it to the tank was prepared.

(i) For the improvement of the northern main channel for supply of water to six more villages; surveys, levels, plans and estimates prepared, but considered unreliable.

(j) The Nandan voikal received its supply by the diverting of the waters of the Thuringalar river at a place about half a mile south of Tindivanam and Tiruvannamalai road. It is a very old channel and much silted and overgrown with jungle, scrub, &c. It is proposed to restore it for the supply of water to certain tanks.

No. VI.—Railway works available for execution by famine labor.

District.	Name of line.	Miles.	Cubic yards per mile.	Total cubic yards.
South Arcot	Porto Novo-Salem	68	29,400	1,999,200

Exd. T. K. Narayana Aiyangar.

90 Copies.

523/4

Govt. of {1890} Madras.
REVENUE.

Issued

Recd.

Encl.

G.O., 23rd January 1890,
Nos. 66, 66A.

JANUARY.

Famine Relief

Programme of works suitable for — in the
South Arcot district.

No. 523 Wd/17-18 Jan 1890

Comd. to officers concerned

1 ed / R.R.D.B.

*Lt. V. C. S. for I
C.S. for I
C.S. for Ap.*

23RD JANUARY 1890, Nos. 66, 66A, REVENUE.

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works, talukwar, suitable to be undertaken as famine-relief works, costing in all
Rs. 40,87,265..

ENCLOSURE.

Works.	Probable cost.
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Civil Agency works—	
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2. Repairing the bunds of and the masonry works in 408 minor tanks (a)	1,55,100
3. Repairing 474 drinking-water ponds	1,19,250
4. Constructing 53 cattle-pounds	13,250
5. Do. 295 village chavadies	59,590
6. Improving ten village sites	2,750
7. Forming nine roads	1,89,000
Total, Civil Agency works ...	5,78,940

Villupuram Taluk.

Civil Agency works—	
1. Repairing the bunds of and the masonry works in 228 minor tanks (b)	65,255
2. Repairing 52 drinking-water ponds (c)	12,620
3. Improving 30 village sites (d)	3,025
4. Constructing 40 cattle-pounds	6,400
5. Do. 55 village chavadies	13,750
6. Repairing 18 cart-tracks (e)	5,905
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Civil Agency works—	
1. Construction of masonry works in 84 minor tanks ...	Rs. 25,050
2. Repairing the bunds of and the masonry works in 159 minor tanks ...	60,350
3. Petty construction and repairs ...	750
4. Repairing 50 drinking-water ponds and digging seven new ones ...	83,850
5. Constructing 16 cattle-pounds ...	1,680
6. Do. 43 village chavadies ...	9,420
7. Excavating two channels, one from Pennár and another from Cheyár to feed tanks ...	32,000
8. Forming 18 roads and repairing the existing ones ...	2,88,700
9. Constructing nine choultries ...	45,000
Total, Civil Agency works ...	5,46,800

<i>Vriddhachalam Taluk.</i>	
Civil Agency works—	
1. Construction of masonry works in three minor tanks ...	1,300
2. Repairing the bunds of and the masonry works in 73 minor tanks ...	15,850
3. Petty construction and repairs to civil buildings ...	1,000
4. Repairing 116 drinking-water ponds ...	19,650
5. Constructing 39 cattle-pounds ...	4,275
6. Do. 84 village chavadies ...	16,800
7. Forming 18 roads, 130 miles in length ...	2,60,000
Total, Civil Agency works ...	3,18,875

<i>Chidambaram Taluk.</i>	
Civil Agency works—	
1. Raising the embankment of the Upanar and constructing outlets and excavating a drainage channel connecting the Upanar with the sea at Natarajapuram ...	50,000
2. Petty construction and repairs to civil buildings ...	535
3. Repairing seven drinking-water ponds ...	1,250
4. Constructing 46 cattle-pounds ...	3,940
5. Do. 31 village chavadies ...	5,810
6. Metalling and extension of roads (a) ...	76,965
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Civil Agency works—	
1. Constructing masonry works in 22 minor tanks ...	88,000
2. Repairing bunds of and masonry works in 331 minor tanks ...	3,66,500
3. Original minor works such as the digging of fields and other agricultural works calculated to improve the outturn of the coming season ...	2,27,300
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7. Do. 354 village chavadies ...	64,600
8. Do. six choultries and two dispensaries ...	34,000
9. Repairing 354 drinking-water ponds ...	72,000
10. Constructing a bridge across Ponniár at Tirukoilúr (b) ...	1,50,000
11. Do. across Gadilam on Ellavanasur-Kallakurchi road (b) ...	10,000
12. Forming five new roads and repairing the existing ones ...	2,08,500
Total, Civil Agency works ...	13,87,900

(a) Estimates for these works have been sanctioned.
(b) Local Fund works.

Works.	Probable cost.
<i>Kallakurchi Taluk.</i>	
Civil Agency works—	
1. Construction of masonry works in 51 minor tanks ...	19,500
2. Repairing bunds of and masonry works in 232 minor tanks (a) ...	2,56,000
3. Petty construction and repairs to civil buildings ...	2,000
4. Original new works such as the digging of fields and other agricultural works calculated to improve the outturn of the ensuing season ...	2,48,700
5. Repairing 87 drinking-water ponds ...	60,200
6. Constructing 17 cattle-pounds ...	1,700
7. Do. 255 village chavadies ...	51,000
8. Do. four choultries and two dispensaries ...	26,000
9. Forming four new roads and repairing the existing ones ...	2,97,500
Total, Civil Agency works ...	9,62,600

<i>Cuddalore Taluk.</i>	
Civil Agency works—	
1. Repairing four tanks and cutting two channels ...	10,000
2. Forming the embankment for the Vellavary coming from Mount Capper to protect the wet lands of Vanamadevi and Thirumanikuli ...	3,000
3. Petty construction and repairs to civil buildings ...	950
4. Construction of eight cattle-pounds ...	895
5. Do. of 16 village chavadies ...	8,450
6. Reconstruction of the bridge across Malattar near Veeraperumanallur ...	20,000
Total, Civil Agency works ..	38,295

(a) Works for about Rs. 11,000 are proposed for the current year.

Resolution—dated 20th July 1889, No. 373.

Submitted for the information of Government.

2. The estimated cost of famine-relief works in South Arcot for 1889-90 is given below for each taluk:—

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Tindivanam ...	5,78,940
Villupuram ...	1,15,355
Tiruvannámalai ...	5,46,800
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Chidambaram ...	1,38,500
Tirukoilúr ...	13,87,900
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Cuddalore ...	38,295
Total ...	40,87,265

3. The above sum, at $1\frac{1}{2}$ annas per diem, would afford employment for one year to 119,445 persons or $6\frac{1}{2}$ per cent. of the population of the district, which amounted to 1,814,738 in the census taken in 1881.

4. A detailed list of the several works should be submitted for record in this office.

(True Copies and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department,
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„ Collector of South Arcot.

523
6

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(True Extract.)

Secretary to Government.

To the Commissioner of Revenue Settlement, Land Records and Agriculture.
„ the Local and Municipal Department.
„ the Public Works Department.

No. 66A.

Copy to the Government of India, Revenue and Agricultural Department.

(Signed) C. A. GALTON,
Secretary to Government.

APPENDICES.

I.—List of Civil Agency Works proposed by the Collector.

Name of taluk.	Probable outlay.
	RS.
In Tindivanam taluk	5,78,940
„ Villupuram do.	1,15,355
„ Tiruvannamalai taluk	5,46,800
„ Vriddhachalam do.	3,18,875
„ Chidambaram do.	1,38,500
„ Tirukoilur do.	13,87,900
„ Kallakurchi do.	9,62,600
„ Cuddalore do.	33,295
Total	40,37,265

II.—List of works proposed by the District Board.

Nature of work.	Probable outlay.
	RS.
1. Constructing a road from Shstiatope to Srimushnam and Rajendrapatnam	30,000
2. Constructing a road from Kullanchavadi to Kadambuliur	10,000
3. Improving trunk road No. IX between the Gadilam river at Panruti and Kurinjipadi	10,000
4. Improving road from Panruti to Tirukoilur via Anathur, Arasur and Tirukoilur anicut	20,000
5. Forming a road from the Olakur railway station to Velli-modu	25,000
6. Forming a road from Semmedu to Tirukoilur via Vettanatham	20,000
Total	1,15,000

REMARKS.—These works are the same as those given in the programme for last year.

III.—List of works proposed by Municipalities.

Nature of work.	Probable outlay.
	RS.
Chidambaram Municipality—	1,500
1. Deepening Odai	1,000
2. Do. Aiyeekulum	1,500
3. Do. Nagacherry	700
4. Do. Peria Annakulam	300
5. Do. Omakulam	
Total	5,000

REMARKS.—These works are the same as those given in the programme for last year.

Cuddalore Municipality—

1. Strengthening the bund between the Mount Capper upper and lower tanks	2,000
2. Repairing roads	3,000
3. Sinking wells	500
Total	5,500

IV.—List of Professional Agency Works available for famine labor.

Nature of work.	AMOUNT OF ESTIMATE.		
	Earth works.	Other works.	Total.
	RS.	RS.	RS.
1. Extension of the Buckingham canal from Thambakam to Kattukuppam and in the French territory between 16 $\frac{3}{4}$ and 19 $\frac{1}{2}$ miles (a)	4,16,022	1,47,200	5,63,222

(a) The line was surveyed and estimated for before 1879. The plans and estimates require to be again checked and put into shape. The canal will, it is reported, be an excellent famine work and may bring a good deal of traffic to Madras.

No. V.—List of Professional Agency Works which can be made available for famine labor after further investigation.

Nature of work.	AMOUNT OF ESTIMATE.		
	Earth works.	Other works.	Total.
1. Tirukoilūr taluk—			
Gadilam-Athur anicut project (a) ...	RS.	RS.	RS.
2. Cuddalore taluk—	...	...	...
Second anicut across the Ponnai near Pattambakam (b) ...	...	...	...
3. Villupuram taluk—	...	...	...
(1) Reddikuppan anicut project (c) ...	...	...	...
(2) Channels from Ponnai to Villupuram, &c., improvements (d) ...	...	...	...
(3) Pombay channels (e) ...	15,000	10,000	25,000
(4) Vethanur channel project (f) ...	...	...	...
4. Kallakurchi taluk—	...	...	...
(1) Pallagacherry anicut project (g) ...	...	...	...
(2) Yenthal anicut project (h) ...	...	...	...
(3) Extension of Vridhāchalam anicut channel (i) ...	...	...	...
5. Tiruvannāmalai, Tindivanam and Villupuram taluks—	...	...	...
Restoration of the Nandan voikal from the Thuringalar anicut (j) ...	...	...	...

(a) This is a small project for which surveys and levels were taken some years ago. The estimate was returned to the District Engineer in 1873, but nothing has been done since. About 3,000 coolies can be employed on the work, which is likely to be completed in three years.

(b) For the supply of tanks on north banks of Ponnai below site of proposed anicut. The plans and estimates prepared in 1871 require revision. About 500 coolies can be employed on the work, which is likely to be completed in 16 years.

(c) For constructing an anicut across the Periyar or Varahanady for the supply of about 12 villages. The project was investigated in 1870-71 and is now being again looked into. About 500 coolies can be employed on the work, which is likely to be completed in four years.

(d) The improvements are intended for the better supply of tanks in the Villupuram taluk. Surveys and levels have been made, but they have not been checked. About 500 coolies can be employed on the work, which is likely to be completed in eight years.

(e) For the better supply of tanks under the system. Estimate of Rs. 25,200 for clearing and widening the channel and raising its banks sanctioned in G.O., No. 815 L., dated 9th October 1883; the estimate is now under revision. About 500 coolies can be employed on the work, which is likely to be completed in 6 years.

(f) The channel was excavated many years ago to supply six tanks whose total ayacut is 1,553 and assessment Rs. 5,809. The length of the channel is 9 miles and it branches from Pombay river, $\frac{1}{2}$ of a mile east of trunk road No. 8. The channel is much silted and very irregular. It is, therefore, proposed to improve the channel.

(g) This project is divided into two parts. The first comprises an anicut over the Trimaneemothanaddi with two main channels, one on the north bank, $7\frac{1}{2}$ miles long, supplying six tanks, another on the south bank, $3\frac{1}{2}$ miles in length, to afford direct irrigation, there being no tanks or other means of supply. The second part of this project is the extension of the channel on the north bank, $7\frac{1}{2}$ miles, to supply 8 tanks, to irrigate 1,000 cawnies, yielding a revenue of Rs. 5,000, but this extension is expected to be very expensive and quite unremunerative, (see Proceedings of the Madras Government No. 2416, dated 2nd October 1873).

(h) The project has been ordered to be carried out by a palayagar (*vide* Proceedings of Board of Revenue, No. 113, dated 4th February 1888).

(i) This project is for the construction of an anicut across the Mayunadi, a minor tributary of the Vellaur, for supplying the tank of the Yenthal village belonging to the palayagar. An estimate of Rs. 17,250 for constructing the anicut and digging a new channel from it to the tank was prepared.

(j) For the improvement of the northern main channel for supply of water to six more villages; surveys, levels, plans and estimates prepared, but considered unreliable.

(k) The Nandan voikal received its supply by the diverting of the waters of the Thuringalar river at a place about half a mile south of Tindivanam and Tiruvannāmalai road. It is a very old channel and much silted and overgrown with jungle, scrub, &c. It is proposed to restore it for the supply of water to certain tanks.

No. VI.—Railway works available for execution by famine labor.

District.	Name of line.	Miles.	Cubic yards per mile.	Total cubic yards.
South Arcot	Porto Novo-Salem	68	29,400	1,999,200

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