GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 21st February 1889, No. 77 :—

W. Wilson, Esq., m.a., C.S.

Read—again the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 10th August 1888, Mis. No. 1967 :—

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, 17th July 1888, Reference on Sett. Bd. Recd. No. 32-88 :—

Referring to the Board's Proceedings, No. 27, dated 24th January 1888, I have the honor to submit a list of Civil Agency works talukwar suitable to be undertaken as famine relief works, costing in all Rs. 28,11,039.

2. For want of clearer instructions in regard to list of works referred to in paragraph 2, I have included some Professional Agency works also in my present list. The works intended to give employment to agricultural classes in the vicinity of a few principal villages will, of course, be taken out of the present list. But I beg to inquire whether I am to decide on Professional Agency works also being undertaken, if required, or only Civil Agency works.

On receipt of Board's instructions, I shall submit a list of the principal villages in each taluk and the nature of the work to be set on foot in their vicinity.

3. I have included several works, such as bridges, &c., in the Civil Agency list, because they would, properly speaking, be carried out from Local Funds, and therefore, according to section 21, chapter I, of the Famine Code, they are to be classed as such. But I need hardly point out that if they were carried out as famine works they would have to be executed by Professional Agency.

I have also prepared detailed lists of petty works, minor irrigation, &c., but I presume these long lists could not be of much use to the Board, and I have therefore entered the total numbers only under each taluk.

Resolution—dated 10th August 1888, Mis. No. 1967.

With reference to the inquiry in paragraph 2, the Collector will be referred to paragraph 3 of the Government Order printed in the Board's Proceedings, dated 24th January 1888, No. 27, from which he will see that the works referred to are those described in section 21 (3) of the Famine Code, which relates to Civil Agency works only.

2. As regards the Local Fund works included in the Collector's list, it should be reported whether they are also included in the report sent to Government in that department.

(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Collector of South Arcot.

Read—also 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, 14th December 1888, No. 112 :—

I have the honor to acknowledge receipt of the Board's Proceedings, Mis. No. 1967, dated 10th August last.

2. I have made out a list of a few of the principal villages in each taluk and decided on the Civil Agency works that may be put in hand in their vicinity in case of famine. These works, costing Rs. 4,11,665, consist mostly of repairs (earthwork) to irrigation works as well as the construction of new irrigation tanks in 34 dry villages in the General Duty Deputy Collector's division. The excavation of channels for drainage has also been provided in certain cases. I need hardly point out that the amounts to be expended have only been very roughly estimated.

3. Referring to paragraph 2, I have to state that only the following roads included in my list were also reported to Government in the Local Fund Department.

Cuddalore taluk.

	Rs.	
Constructing a road from Kullanchavadi to Kadambuliyur	10,000	Included in item No. 3.
Improving trunk road No. 9	10,000	
Improving road from Panruti to Tirukoilúr *via* Anathur	10,000	

Chidambaram taluk.

Construction of a road from Shatiatope to Strimushnam.	...	Included in item No. 2.

Tiruvannámalai taluk.

Forming a road from Semmedu (49th mile of the Salem frontier road *via* Samalpatti) to Tirukoilúr *via* Vettavalam	7,200	Included in item No. 4.

Tindivanam taluk.

Forming a road from Olakur railway station to Vellimodu	13,000	Included in item No. 6.

Reference on the above, dated 16th January 1889.

The Collector is requested to report at an early date the estimated cost of constructing a road from Shatiatope to Strimushnam in the Chidambaram taluk, which is said to have been included in the list submitted to Government by the Collector as President of the Local Fund Board. The item in question has now to be deducted from the present list to avoid repetition.

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Collector of South Arcot.

Read—also 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 Mettathur, 24th January 1889, Indexed No. 76 :—

Adverting to the Board's reference on General Register No. 6901-88, dated 16th instant, I have the honor to report that the rough estimate for constructing a road from Shatiatope to Strimushnam therein referred to and included in item 2 of the list of Civil Agency works of the Chidambaram taluk is Rs. 30,000.

Resolution—dated 21st February 1889, No. 77.

The list of famine relief works received from the Collector of South Arcot will be submitted to Government with reference to G.O., dated 29th November 1887, No. 1109, Revenue.

2. The list includes Professional Agency works and also the estimated cost of certain roads already reported to Government in the Local Fund Department. Excluding these items the probable cost of the works now proposed amounts to Rs. 27,40,839 as shown in the accompanying abstract.

3. These works would give employment for about twelve months at one anna and-a-half per diem to 4·4 per cent. of the population of the district, which was 1,814,738 at the census taken in 1881. The cost of the work has, the Collector states, been only "very roughly estimated."

(True Copies and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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

APPENDIX.

Statement showing a rough estimate of cost of works proposed to be undertaken during the time of famine in the district of South Arcot.

Taluks.	Construction and repair of roads.	Construction and repair of tanks.	Construction of cattle pounds, village chavadies, &c.	Excavating channels.	Petty construction and repairs to civil buildings.	Construction of bridges.	Repairs to anicuts.	Improving village sites.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Tindivanam	74,900	1,02,975	6,200	40,000	1,010	..	..	2,750	2,27,835
Villupuram	7,800	46,890	4,030	..	479	..	..	1,050	60,249
Tiruvannámalai	2,81,500	1,25,296	45,000	32,000	..	..	..	750	4,84,546
Vriddháchalam	2,60,000	32,416	2,444	..	350	..	..	..	2,95,210
Chidambaram	83,405	..	620	50,000	400	..	3,680	..	1,38,105
Tirukoilúr	2,69,790	2,98,000	88,000	..	54	1,70,000	..	..	8,25,844
Kallakurchi	2,97,500	2,98,000	83,170	..	300	..	..	..	6,78,970
Cuddalore	11,910	17,220	..	..	950	..	..	..	30,080
Total ..	*12,86,805	9,20,797	2,29,464	1,22,000	3,543	1,70,000	3,680	4,550	27,40,839

* This is exclusive of Rs. 80,200 included in the list submitted to Government in the Local Fund Department.

Read—also the following G.O., dated 30th April 1889, Mis. No. 469 M., Local and Municipal :—

Read—the following letter from the Collector of South Arcot, dated 30th March 1889, No. 420-Indexed :—

[*Reference.*—Paragraphs 3 and 5 of the G.O., dated 28th January 1889, No. 255 L.]

I have the honor to forward two statements showing the particulars of famine relief works proposed to be undertaken in the municipalities of Chidambaram and Cuddalore.

ENCLOSURES.

STATEMENT showing the particulars of famine relief works proposed to be undertaken in the Cuddalore Municipality.

Particulars of works.	Amount.
	RS.
1. Strengthening the bund between the Mount Capper upper and lower tanks	2,000
2. Cleaning or deepening drinking water tanks... ...	500
3. Sinking wells	500
Total ...	3,000

STATEMENT showing the particulars of famine relief works proposed to be undertaken in the Chidambaram Municipality.

Particulars of works.	Amount.
	RS.
1. Deepening Odai	1,500
2. Do. Aiyeecoolum	1,000
3. Do. Nagacherry	1,500
4. Do. Peria Annacoolum	700
5. Do. Omacoolum	300
Total ...	5,000

Order—dated 30th April 1889, Mis. No. 469 M., Local and Municipal.

Communicated to the Revenue Department in continuation of G.O., dated 28th January 1889, No. 255 L.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

To the Revenue Department, with two statements.

ORDER—dated 23rd September 1889, No. 790, Revenue.

Miscellaneous.

The following statement shows the amount of the estimates for Civil and Professional Agency works in the district of South Arcot, which could be started if famine were to occur :—

	Amount of estimate.
	RS.
Civil Agency—	
From Provincial funds	27,40,839
Do. District Board do.	1,15,000
Do. Municipal do.	8,000
Total Civil Agency ...	28,63,839
Professional Agency	5,63,222
Grand Total ...	34,27,061

These works would give employment to 5·5 per cent. of the population for twelve months at 1½ annas *per diem*, and, in addition to these, the Villupuram-Pakal and

Salem-Porto Novo Railways would also afford a field for labor There are again several Professional Agency works, which could be made available after further investigation.

(True Extract.)

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

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

APPENDICES.

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

Name of taluk.	Probable outlay.
	RS.
In Tindivanam taluk	2,27,835
„ Villupuram do.	60,249
„ Tiruvannámalai taluk	4,84,546
„ Vriddháchalam do.	2,95,210
„ Chidambaram do.	1,38,105
„ Tirukoilúr do.	8,25,844
„ Kallakurchi do.	6,78,970
„ Cuddalore do.	30,080
Total ...	27,40,839

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 (*a*)	30,000
2. Constructing a road from Kullanchavadi to Kadambuliyur(*a*)	10,000
3. Improving trunk road No. IX between the Gadilam river at Panruti and Kurinjipadi (*a*)	10,000
4. Improving road from Panruti to Tirukoilúr *via* Anathur, Arasur and Tirukoilúr anicut (*a*)	20,000
5. Forming a road from the Olakur railway station to Vellimodu (*a*)	25,000
6. Forming a road from Semmedu to Tirukoilúr *via* Vettanatam (*b*)	20,000
Total ...	1,15,000

(*a*) Approximate.
(*b*) An estimate for Rs. 7,200 for forming a cart track was sanctioned, with an expenditure of Rs. 1,500 for the current year provided in the budget.

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 Annakulum	700
5. Do. Omakulum	300
Total ...	5,000
Cuddalore Municipality—	
1. Strengthening the bund between the Mount Capper upper and lower tanks	2,000
2. Cleaning or deepening drinking water tanks	500
3. Sinking wells	500
Total ...	3,000

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 16¾ and 19½ 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.
	Rs.	Rs.	Rs.
1. Tirukoilúr taluk— Gadilam-Athur anicut project (*a*) ...	...	...	...
2. Cuddalore taluk— Second anicut across the Ponniar near Pattambakam (*b*)	...	...	...
3. Villupuram taluk— (1) Reddikuppam anicut project (*c*) ...	...	...	...
(2) Channels from Ponniar 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 Vriddháchalam anicut channel (*i*)	...	...	...
5. Tiruvannámalai, Tindivanam and Villupuram taluks— Restoration of the Nandan voikal from the Thurinjalar 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 3 years.

(*b*) For the supply of tanks on north banks of Poniar 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 Periar 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 4 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 8 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 I., 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 6 tanks whose total ayacut is 1,553 and assessment Rs. 8,809. The length of the channel is 9 miles and it branches from Pombay river ¾ 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 Trimaneemoothanaddi with two main channels, one on the north bank, 7½ miles long, supplying 6 tanks, another on the south bank, 3½ 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 6 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 Thurinjalar river at a place about half a mile south of Tindivanam and Tiruvannámalai 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.
South Arcot	Porto Novo-Salem	68	29,400	1,999,200

Exd. A. D. Xavier.

70 Copies.

Govt. of {1889} Madras.

REVENUE.

No. 2947 W of October 18, 1889.

Comd. to officers concerned.

1st/ R.R.G.D.B.
W.

Issued

Recd. Enel.

G.O., 23rd September 1889, No. 790.

SEPTEMBER.

C.E. for S
C.E. for Rys
S.E. II Circle

Famine relief in South Arcot district.

List of works suitable for —