

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 22nd November 1888, No. 659 :—

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. 1968 :—

Read—the following letter from W. G. UNDERWOOD, Esq., Acting Collector of Anantapur, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Anantapur, 16th July 1888, No. 512 :—

With reference to Board's Proceedings, 24th January 1888, No. 27, I have the honor to forward a list of minor famine works that could be taken in hand by the Revenue Department. The lists from the Divisional officers are anything but satisfactory, and I should be sorry to place any reliance on the accuracy of the estimates. There are also too many roads entered. The district is furrowed with useless and abandoned communications formed during the famine of 1876-77 and 1878.

2. In round numbers the population of the district was 600,000 at the last census. The number of children has probably increased. As all the estimates are vague, I think I need not try to get any nearer :—

Taluk.	Area in acres.	Population in round numbers.	5 per cent. thereof.	Number of days work in a year required.	
Anantapur	472,724	92,000	4,600	1,679,000	No allowance has been made for Sundays nor other holidays.
Dharmavaram	711,174	97,000	4,850	1,770,250	
Gooty	605,083	111,000	5,550	2,025,750	
Hindupur	272,193	73,000	3,650	1,332,250	
Madakasira	288,856	55,000	2,750	1,003,750	
Penukonda	611,196	73,000	3,650	1,332,250	
Tadpatri	369,956	99,000	4,950	1,804,750	
Total ..	3,332,182	600,000	30,000	10,950,000	

3. The Divisional officers have sent in estimates for Rs. 15,80,100, and it is a very difficult matter to decide how many days work they will provide. Taking for granted, which I very much doubt, that the estimates are fairly accurate, it may be assumed that a famine cooly will turn out, for four annas, work which would be done for one and-a-half annas by strong men. I take one and-a-half annas as an initial as being the day's pay on famine works. Then I am making no allowance for women and children. Then allowing that four-annas worth of work is turned out daily by a strong man, we get the following table :—

Taluk.	Estimate of works in rupees.	Days labor to strong men.	Multiplied by 3 to give days for famine coolies.	Days labor required.	Excess or deficiency of column 4 over column 5.
1	2	3	4	5	6
Anantapur	22,800	91,200	243,200	1,679,000	— 1,435,800
Gooty	2,15,000	860,000	2,293,333	2,025,750	+ 267,583
Tadpatri	1,97,800	791,200	2,109,866	1,804,750	+ 305,116
Dharmavaram	3,56,000	1,424,000	3,797,333	1,770,250	+ 2,027,083
Penukonda	3,97,000	1,588,000	4,234,666	1,332,250	+ 2,902,416
Hindupur	2,34,000	1,136,000	3,029,333	1,332,250	+ 1,697,083
Madakasira	1,07,500	430,000	1,146,666	1,003,750	+ 142,916
Total ..	15,80,100	6,320,400	16,854,400	10,950,000	+ 5,904,400

4. I submit this report with lists of the works proposed in obedience to the Board's order ; but I place no reliance on the figures. The enormous excess of work provided occurs in three taluks of the Head Assistant Collector's division where some works, such as the known projects, have been entered. They would be subject to supervision by the Department of Public Works.

5. The season has happily opened favorably and works will not be wanted just a while. I can only suggest that all tanks, whose repair is not advisable from a money point of view, be estimated for. In addition, the forest settlement should be pushed on. The reserves would provide work everywhere in fencing and digging up. It was one of the most valuable suggestions made by Mr. Nicholson with no establishment available ; to form plans as asked for by the Government of India will take years. But they can be got at in time. Meanwhile a famine may occur.

ENCLOSURE No. 1.

List of Famine Relief works in the Anantapur district.

Taluk.	Description of work.	Estimate.
		RS.
Gooty ...	(1) Removing silt from the following tanks and strengthening their bunds with the earth so removed—	
	Venkatampalli	1,000
	Vobicherla	1,000
	Karadikonda	1,000
	Nagasamudram	3,000
	Abbedoddi	1,500
	Goolinukonda	1,500
	Yerragudi	500
	Ayavaripalli	500
	Nelagonda	2,000
	Racherla	500
	Sakusanipally	1,000
	Lathavaram	1,000
	Thondapadu	500
	(2) Completing the road works commenced during the famine of 1876 but let unfinished—	
	(a) From Gooty to Yadiki via Anantapur and Chithrachelu, 20 miles	12,000
	(b) From Gooty to Karur via Nagasamudram, 18 miles	10,000
	(c) From Pamidy to Singanamala via Kanampalli, 11 miles	6,000
	(d) From Uravakonda to Rupavagudi of Bellary taluk via Haviligi, 13 miles	7,000
	(3) Levelling and clearing village sites in 50 villages	15,000
	(4) Digging ditches and forming banks in the aloe hedges around 30 village forest reserves and digging the whole area of the same so that seeds of indigenous trees might be sown, taking on an average the extent of each block at 1,000 acres and the cost of it at Rs. 5,000	1,50,000
Total ...		2,15,000
Tadpatri ...	I. (1) A second-class road from Tadpatri to Dadithota via Yellanur, 28 miles	44,800
	(2) A road from Igadur on the Bellary high road to Pedda-Yekkalur via Pennér Railway station, Narasapuram, Kumetta, Pasalur and Garladinna, 10 miles	16,000
	(3) A road from Pedda-Yekkalur to the Bellary high road via Nagarur, Thatrallapalli and Rayalchervu, 8 miles	8,000

Taluk.	Description of work.	Estimate.
		RS.
Tadpatri—cont. ...	II. Removing silt from the Boppapalli tank and strengthening its bund with the earth so removed	2,000
	(1) Levelling and clearing village sites in 40 villages.	12,000
	(2) Digging ditches and forming banks with aloe hedges around 23 village forest reserves and digging the whole area of the same so that seeds of indigenous trees might be sown, taking on an average the extent of each block at 1,000 acres and the cost of it at Rs. 5,000	1,15,000
	Total ...	1,97,800
	New roads to be made up.	
	(1) From Brahmayalér to Palacherla, 7 miles	3,000
	(2) From Muddalapuram to Korakodu, 3½ miles	1,500
	(3) From Chiyadoo to Tadmarri, 5 miles	1,000
	Repairs to roads.	
	(4) From Talapur to Koodair, 3 miles	500
Anantapur ...	(5) From Bukkaroyasamudram to Narpla, 10 miles	2,000
	(6) From Singanamala to Racheppally via Salakan-chervoo, 7 miles	1,000
	(7) From Malyavantham to Peddakolla via Tadmarri, 11 miles	1,000
	(8) From Garladinna to Singanamala, 7 miles	1,000
	Tanks and Nalas.	
	(1) Filling up the breach in Kodimi-Balappu tank	500
	(2) Do. do. in Danduvaripully tank	4,000
	(3) Repairing the Chitravati, Yerrakalva irrigating, Cherlopally and Dumpetla wet lands	300
	(4) Raising, strengthening and revetting the bund of Chinnakotla tank	1,000
	(5) Repairs to Chennampally tank; filling up the breach in the bund	3,000
	(6) Repairs to Pennér nala near Nidavinada; to be banked on the side of the river; to be provided with aprons in five places	1,000
	Reserve.	
	(1) Fuel reserve at Siddarampuram, hamlet of Paramati Yalir. Block, 1,246 acres, cost of ditching and hedging, &c.	2,000
Total ...		22,800
Hindupur ...	Irrigation works.	
	Hindupur project	1,32,000
	Purgi tank	3,960
	Chilmatur tank	3,960
	Santabidanoor	3,300
	Settipalli	1,980
	Moda	3,300
	Kanchisamudram	3,300
	Vadigapalli	1,980
	Vanavole	1,980
	Srikantapuram	1,980

Taluk.	Description of works.	Estimate.
	<i>Irrigation works—cont.</i>	Rs.
Hindupur—cont.	Kallur	1,980
	Lapatchi	1,980
	Ootakur	3,300
	Amagondapalli	800
	Gangireddipalli	3,500
	Total, Irrigation works ..	1,69,300
	<i>Road works.</i>	
	Purgi to Roddam 5½ miles.	5,808
	Roddam to Buchaganahalli 3 "	3,168
	Kotnur to Vanavole 26 "	27,456
Madakasira	Kodikonda to Pedapalli 35 "	36,960
	Kodur to Kothachervoo 13 "	13,728
	Palasamudram to Gouruvanpalli 20 "	21,120
	Purgi to Chalkur 6 "	6,336
	Total, Road works ...	1,14,576
	Total ...	2,83,876
	<i>Irrigation works.</i>	
	Sivaram tank	3,300
	Morabagal	3,300
	Agoli	3,300
Penukonda	Haresamudram	3,300
	Kallumari	3,300
	Valasi tank	3,300
	Kanajanahalli	3,300
	Enagaloor	3,300
	Tummadihalli	3,300
	Mutukur Nala	3,300
	Total, Irrigation works ...	33,000
	<i>Road works</i>	
	Kalyándrúg to Madhodi 24½ miles.	25,872
Penukonda	Madakasira to Phalaram 12 "	12,672
	Agoli to Morubagal 24 "	25,344
	Madhodi to Rolla 10 "	10,560
	Total, Road works ...	74,448
	Total ...	1,07,448
	<i>Irrigation works.</i>	
	Roddam project ..	1,32,000
	Potulagunta tank construction	1,32,000
	Locherla tank	3,400
	Seddarampuram	3,400
Penukonda	Munimadeogoo	3,400
	Mavatoor	3,400
	Agraharam	3,400
	Total, Irrigation works ...	2,81,000
	<i>Road works.</i>	
	Kalyándrúg to Pamdurti 35 miles.	36,960
	Roddam to Purgi 8½ "	8,976
	Roddam to Buchagarripally 10 "	10,560
	Guttur to Pamdurti 28 "	29,568
	Kothachervoo to Dharmavaram 6 "	6,336

Taluk.	Description of work.	Estimate.
	<i>Road works.—cont.</i>	Rs.
Penukonda—cont.	Bukkapatnam to Vengalammachervoo ... 6 miles.	6,336
	Locherla to Talamarla 4 "	4,224
	Kodur to Kothachervoo 12 "	12,672
	Total, Road works ...	1,15,632
	Total ...	3,96,632
	<i>Irrigation works.</i>	
	Bukkacherla project	1,32,000
	Apparaschervu tank	3,400
	Kanumukkala tank	3,400
	Ravulchervoo	3,400
Dharmavaram.	Mulakaledoo	3,400
	Chaparu	3,400
	Total, Irrigation works ...	1,49,000
	<i>Road works.</i>	
	Kalyándrúg to Pamdurti 50 miles.	52,800
	Do. to Madhodi 21 "	22,176
	Dharmavaram to Anantapur frontier 13 "	13,728
	Damajepully to Kundurpidrug and Mulakaledoo. 60 "	63,360
	Kundurpi to Mulakaledoo via Malayanoor ... 12 "	12,672
	Chennakothapalli to Mushtooconila 6 "	6,336
Dharmavaram.	Nasanacota to Sanapa 22 "	23,232
	Kothachervoo to Dharmavaram 12 "	12,672
	Total, Road works ...	2,06,976
	Total ...	3,55,976
	Grand Total ...	15,79,532

Resolution—dated 10th August 1888, Mis. No. 1968.

It is presumed that the lists are submitted in reply to paragraph 4 of the Proceedings quoted. Paragraph 2 of the Proceedings has not been replied to.

2. In the lists submitted, there are many Professional Agency works which should have been excluded as it was only a list of Civil Agency works (section 21 of the Famine Code) that was called for.

3. The Board understand that similar lists have been called for from local bodies in the Local Fund and Municipal Departments. The Collector is requested to report if the Local Fund works (Roads, &c.) included in the present list have also been entered in the statement submitted by him to Government as President of the District Board.

(True Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Collector of Anantapur.

READ—also the following letter from W. G. UNDERWOOD, Esq., Acting Collector of Anantapur, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Anantapur, 14th November 1888, No. 785 :—

Referring to paragraph 1 of Board's Proceedings, No. 1968, dated 10th August 1888, I have the honor to state that the list therein referred has been sent in reply to paragraphs 2 and 4 of Board's Proceedings, No. 27, dated 24th January 1888. The places where the tanks or other works are situated will themselves show the chief villages in each taluk where relief works may be opened whenever there is occasion arising.

2. As regards paragraph 3, I have to state that few of the roads referred to in the list sent with my letter above cited find place also in the list submitted by the President of the District Board.

- | | |
|-------------------------------------|--------------------|
| 1. Singanamala. | 8. Durgum. |
| 2. Narpala. | 9. Marur. |
| 3. Chennumpalli. | 10. Atmakur. |
| 4. Tadmarri. | 11. Kuder. |
| 5. Cherlopalli, hamlet of Dampetla. | 12. Korapadu. |
| 6. Kandakur. | 13. Brahmavayalér. |
| 7. Chigicherla. | 14. Ipperu. |
| | 15. Bukkacharla. |

3. The General Duty Deputy Collector further proposes that the work of filling up fort ditches in the marginally-noted villages in the Anantapur taluk may be undertaken.

Resolution—dated 22nd November 1888, No. 659.

Submitted to Government, with reference to G.O., dated 29th November 1887, No. 1109, Revenue Department.

2. Taking 5 per cent. of the population at 30,000, a sum of Rs. 13,68,750 would be required to provide them with work for a year at 2 annas a day, and the works proposed (including the Professional Agency and Local Fund works named in the list), which are estimated to cost Rs. 15,80,000, would therefore suffice for their employment.

(True Copies and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department.
,, Collector of Anantapur.

READ—Proceedings of the Madras Government, Local and Municipal Department, dated 17th January 1889, No. 59 M. Mis.

ABSTRACT.—Communicating letter from the Chairman, Municipal Council, Anantapur, reporting the probable estimate for digging a drinking-water well and for laying a road from Anantapur town to the Railway station.

ORDER—dated 21st October 1889, No. 860, Revenue.

Miscellaneous.

- | | |
|---|-------|
| | RS. |
| 1. Construction of a road from Muddalapuram to Korakodu ... | 1,500 |
| 2. Repair of road from Malayavantham to Peddakolla ... | 1,000 |
| 3. Repair of road from Garladinna to Singanamala ... | 1,000 |

Of the works specified in the list embodied in the Board's Proceedings read above, those noted on the margin are included in the statement submitted by the Collector as President of the District Board. Excluding these as well as the Professional Agency works which are included in the list forwarded by the Public Works Department, the cost of the works proposed by the Collector amounts to Rs. 10,48,032. To these must be added

the District Board, Municipal and Professional Agency works, which are estimated to

cost Rs. 20,41,220. All the works together will thus afford employment for one year for 11 per cent. of the population at an average wage of 2 annas a day and for 15 per cent., if the average daily wage be taken at one anna and a half. In addition to the above, the Guntakal-Hindupur Railway would provide employment for a number of people.

2. The amount of work available is therefore ample, but endeavours must be made to gradually get more complete estimates than those upon which the foregoing calculation is based.

(True Extract.)

(Signed) J. GROSE,
Ag. Secretary to Government.

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

APPENDIX.

Nature of work.	Probable outlay. RS.
I.—Total of Civil Agency works proposed by the Collector ...	10,48,032
II.—List of works proposed by the District Board—	
1. Road from Kurnool frontier <i>via</i> Gooty to Mysore frontier, about 105 miles ...	50,000
2. Road from Chittoor frontier to Bombay <i>via</i> Anantapur and Bellary (portion between Anantapur and Bellary) ...	20,000
3. Road from Anantapur to Tadpatri ...	15,000
4. Do. from Damajipalli <i>via</i> Dharmavaram and Buthalapalli and Nayampalli ...	10,000
5. Do. from Mysore frontier near Chowliur <i>via</i> Hindupur to Bangalore high road near Somandapalli ...	10,000
6. Do. from Tadpatri to Boghasamudram ...	10,000
7. Do. from Kodikonda <i>via</i> Hindupur to Madaksira ...	10,000
8. Repairing the roads in Gooty town ...	650
9. Do. the village roads of Kothapetta ...	60
10. Constructing a famine road from Korakodu to Muddalapur. Do. do. from Singanamala Oolikkollu ...	200
11. Do. do. from Anantapur to Bojinapalli ...	1,000
12. Do. do. from Anantapur to Bojinapalli ...	1,000
13. Repairing the famine road from Peddakotla to Maliyavantham ...	600
14. Constructing a new famine road from Maliavantham to Yerialipalli ...	700
15. Repairing the old famine road from Narpalor to Anantapur. Do. the old famine road from Garladinna to Singanamala ...	500
16. Do. the town roads at Penukonda ...	240
17. Do. do. at Dharmavaram ...	240
18. Do. do. at Bukkapatnam ...	160
19. Do. do. at Kalyándrug ...	160
20. Do. road from Cochemon to Puttur ...	960
21. Do. the famine road from Pamdurti to Kothakota and Chendrayampalli ...	640
22. Do. the famine road from Cherkur to Roddam and Mulakalacheruvu ...	800
23. Do. the famine road from Dharmavaram to Dadalur, Konapur, Pairur... ...	2,000
24. Do. the famine road from Nuthunadugu to Damajipalli to Ramgiri and Nasankota ...	1,200
25. Do.	

Nature of work.	Probable outlay.
	RS.
26. Repairing road from Kalyándrúg to Kundurpi	1,600
27. Do. old Bellary road <i>via</i> Kojera	2,400
28. Do. road from Roddam to Panugaru	160
29. Do. do. do. to Madaksira	480
30. Branch road from Messrs. Walker's Cotton Press to Nandulapad	600
31. Road from Cuddapah road to dispensary at Tadpatri (in the town)	600
32. Road from eastern end of the town near Chintalaraya's temple to Hussampuram crossing a Kannapalli	3,000
33. A branch road from Cuddapah road to Thippureddipalli passing through Gumansrepalli	3,000
34. Road from railway gate of the Anantapur road commencing from 32nd mile to Shamapalli	2,000
35. Road from Chukkalur to Varadayypalli	2,000

Water-supply.

1. Rebuilding the rivetment Rangumagundlabhani at Gooty ...	50
2. Rebuilding the southern rivetment of Khandajibhani at Gooty	180
3. Repairing the fresh-water well, called Narsinga Rao's well in Surlepalli	30
4. Repairing the fresh-water well at Kachapalli, hamlet of Gooty, Anantapur village	40
5. Repairing the two fresh-water wells used by Malas in the Uravakonda union	200
6. Removing silt from and deepening the old wells, and excavating new ones in the western part of Gooty and in other places where necessary	1,000

Improvement of Village Sites.

1. Removing prickly-pear	500
Total ...	1,53,950

III.—List of Works proposed by the Anantapur Municipality—

	RS.
1. Digging of a good-water drinking well for the use of the towns-people	1,000
2. Laying a road from Anantapur town to the proposed railway station	3,000
Total ...	4,000

IV.—List of Professional Agency works available for the employment of Famine labour—

	AMOUNT OF ESTIMATES.		
	Earth works.	Other works.	Total.
	RS.	RS.	RS.
Hindupur project *	1,10,200	58,850	1,69,050
Roddam do. †	48,280	54,940	1,03,220
Total ...	1,58,480	1,13,790	2,72,270

* The project is for supplying eleven tanks by building an anicut across the Pennér river. Preliminary investigation of this project was made by Mr. Garrett. The Superintending Engineer, III Circle, considers that it may possibly pay 2 per cent. As a protective work, its effect would be insignificant.

† This project provides for an anicut across the Pennér to supply Roddam large tank. Preliminary investigation of this project was made by Mr. Garrett, when he was in charge of the C. Project division. The estimates for the masonry works may be allowed to stand, but the channel portion will require revision. The Superintending Engineer, III Circle, estimates the net return at a little over 2 per cent. Both financially and as a relief work, it is to be preferred to the Hindupur project. If required, it could be submitted in a complete shape in three months.

V.—List of Professional Agency Works which could be made available for the employment of Famine labour after further investigation—

Nature of work.	AMOUNT OF ESTIMATES.		
	Earth works.	Other works.	Total.
	RS.	RS.	RS.
Bukkacherla project *	13,98,560	1,96,440	15,95,000
Potalakonta do. †	12,000	4,000	16,000
Total ...	14,10,560	2,00,440	16,11,000

VI.—List of Railway Works available for execution by Famine labour—

	Miles.	Cubic yards per mile.	Total.
Guntakal-Hindupur	62†	32,400	2,008,800
Total ...	62	32,400	2,008,800

* This project is for feeding the Bukkacherla, the Singanamala, and Anantapur tanks from the Pennér river. This project needs revision; it is thought it is far from being one likely, even if practicable, to give any return to speak of.

† To store water for irrigating 600 acres of land. Partially investigated prior to 1877; nothing done since.

‡ Total length of line, 111 miles; the earth work of 49 miles was completed in 1885.

Exd. T. K. Narayana Aiyangar.

Govt. of {1889} Madras.

REVENUE.

Issued

Recd.

Encl.

G.O., 21st October 1889, No. 860.

OCTOBER.

Famine Relief in Anantapur
District.

List of works suitable for —.

Govt. of {1889} Madras.

REVENUE.

Issued

Recd.

Encl.

G.O., 21st October 1889, No. 860.

OCTOBER.

Famine Relief in Anantapur
District.

List of works suitable for —.

10 2188 Wd/s - 11-1889

Communicated to
Officers Concerned.

Do/ A. R. E. D. B.

6. 11. 89.

Chief Engr for Design.

Consig Engr for Rys.

Suptg. Engr III Circle.

V.—List of Professional Agency Works which could be made available for the employment of Famine labour after further investigation—

Nature of work.	AMOUNT OF ESTIMATES.		
	Earth works.	Other works.	Total.
	RS.	RS.	RS.
Bukkacherla project * ...	13,98,560	1,96,440	15,95,000
Potalakonta do. † ...	12,000	4,000	16,000
Total ...	14,10,560	2,00,440	16,11,000

VI.—List of Railway Works available for execution by Famine labour—

	Miles.	Cubic yards per mile.	Total.
Guntakal-Hindupur ...	62†	32,400	2,008,800
Total ...	62	32,400	2,008,800

* This project is for feeding the Bukkacherla, the Singanamala, and Anantapur tanks from the Pennér river. This project needs revision; it is thought it is far from being one likely, even if practicable, to give any return to speak of.
 † To store water for irrigating 600 acres of land. Partially investigated prior to 1877; nothing done since.
 ‡ Total length of line, 111 miles; the earth work of 49 miles was completed in 1885.

Exd. T. K. Narayana Aiyangar.

70 Copies.

Nature of work.	Probable outlay.
	RS.
26. Repairing road from Kalyándrug to Kundurpi ...	1,600
27. Do. old Bellary road <i>via</i> Kojera ...	2,400
28. Do. road from Roddam to Panugaru ...	160
29. Do. do. do. to Madaksira ...	480
30. Branch road from Messrs. Walker's Cotton Press to Nandulapad ...	600
31. Road from Cuddapah road to dispensary at Tadpatri (in the town) ...	600
32. Road from eastern end of the town near Chintalaraya's temple to Hussampuram crossing a Kannapalli ...	3,000
33. A branch road from Cuddapah road to Thippureddipalli passing through Gumansrepalli ...	3,000
34. Road from railway gate of the Anantapur road commencing from 32nd mile to Shamapalli ...	2,000
35. Road from Chukkalar to Varadayypalli ...	2,000

Water-supply.

1. Rebuilding the rivetment Rangumagundlabhani at Gooty ...	50
2. Rebuilding the southern rivetment of Khandajibhani at Gooty ...	180
3. Repairing the fresh-water well, called Narsinga Rao's well in Surlepalli ...	30
4. Repairing the fresh-water well at Kachapalli, hamlet of Gooty, Anantapur village ...	40
5. Repairing the two fresh-water wells used by Malas in the Uravakonda union ...	200
6. Removing silt from and deepening the old wells, and excavating new ones in the western part of Gooty and in other places where necessary ...	1,000

Improvement of Village Sites.

1. Removing prickly-pear ...	500
Total ...	1,53,950

III.—List of Works proposed by the Anantapur Municipality—

	RS.
1. Digging of a good-water drinking well for the use of the towns-people ...	1,000
2. Laying a road from Anantapur town to the proposed railway station ...	3,000
Total ...	4,000

IV.—List of Professional Agency works available for the employment of Famine labour—

	AMOUNT OF ESTIMATES.		
	Earth works.	Other works.	Total.
	RS.	RS.	RS.
Hindupur project * ...	1,10,200	58,850	1,69,050
Roddam do. † ...	48,280	54,940	1,03,220
Total ...	1,58,480	1,13,790	2,72,270

* The project is for supplying eleven tanks by building an anicut across the Pennér river. Preliminary investigation of this project was made by Mr. Garrett. The Superintending Engineer, III Circle, considers that it may possibly pay 2 per cent. As a protective work, its effect would be insignificant.
 † This project provides for an anicut across the Pennér to supply Roddam large tank. Preliminary investigation of this project was made by Mr. Garrett, when he was in charge of the C. Project division. The estimates for the masonry works may be allowed to stand, but the channel portion will require revision. The Superintending Engineer, III Circle, estimates the net return at a little over 2 per cent. Both financially and as a relief work, it is to be preferred to the Hindupur project. If required, it could be submitted in a complete shape in three months.

READ—also the following letter from W. G. UNDERWOOD, Esq., Acting Collector of Anantapur, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Anantapur, 14th November 1888, No. 785 :—

Referring to paragraph 1 of Board's Proceedings, No. 1968, dated 10th August 1888, I have the honor to state that the list therein referred has been sent in reply to paragraphs 2 and 4 of Board's Proceedings, No. 27, dated 24th January 1888. The places where the tanks or other works are situated will themselves show the chief villages in each taluk where relief works may be opened whenever there is occasion arising.

2. As regards paragraph 3, I have to state that few of the roads referred to in the list sent with my letter above cited find place also in the list submitted by the President of the District Board.
- | | | |
|-------------------------------------|--------------------|---|
| 1. Singanamala. | 8. Durgum. | 3. The General Duty Deputy Collector further proposes that the work of filling up fort ditches in the marginally-noted villages in the Anantapur taluk may be undertaken. |
| 2. Narpala. | 9. Marur. | |
| 3. Chennumpalli. | 10. Atmakur. | |
| 4. Tadmarri. | 11. Kuder. | |
| 5. Cherlopalli, hamlet of Dampetla. | 12. Korapadu. | |
| 6. Kandakur. | 13. Brahmavayalér. | |
| 7. Chigicherla. | 14. Ipperu. | |
| | 15. Bukkacherla. | |

Resolution—dated 22nd November 1888, No. 659.

Submitted to Government, with reference to G.O., dated 29th November 1887, No. 1109, Revenue Department.

2. Taking 5 per cent. of the population at 30,000, a sum of Rs. 13,68,750 would be required to provide them with work for a year at 2 annas a day, and the works proposed (including the Professional Agency and Local Fund works named in the list), which are estimated to cost Rs. 15,80,000, would therefore suffice for their employment.

(True Copies and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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

READ—Proceedings of the Madras Government, Local and Municipal Department, dated 17th January 1889, No. 59 M. Mis.

ABSTRACT.—Communicating letter from the Chairman, Municipal Council, Anantapur, reporting the probable estimate for digging a drinking-water well and for laying a road from Anantapur town to the Railway station.

ORDER—dated 21st October 1889, No. 860, Revenue.

Miscellaneous.

- | | | |
|---|-----------|--|
| 1. Construction of a road from Muddalapuram to Korakodu ... | Rs. 1,500 | Of the works specified in the list embodied in the Board's Proceedings read above, those noted on the margin are included in the statement submitted by the Collector as President of the District Board. Excluding these as well as the Professional Agency works which are included in the list forwarded by the Public Works Department, the cost of the works proposed by the Collector amounts to Rs. 10,48,032. To these must be added the District Board, Municipal and Professional Agency works, which are estimated to |
| 2. Repair of road from Malyavantham to Peddakolla ... | 1,000 | |
| 3. Repair of road from Garladinna to Singanamala ... | 1,000 | |

cost Rs. 20,41,220. All the works together will thus afford employment for one year for 11 per cent. of the population at an average wage of 2 annas a day and for 15 per cent., if the average daily wage be taken at one anna and a half. In addition to the above, the Guntakal-Hindupur Railway would provide employment for a number of people.

2. The amount of work available is therefore ample, but endeavours must be made to gradually get more complete estimates than those upon which the foregoing calculation is based.

(True Extract.)

(Signed) J. GROSE,
Ag. Secretary to Government.

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

APPENDIX.

Nature of work.	Probable outlay. RS.
I.—Total of Civil Agency works proposed by the Collector ...	10,48,032
II.—List of works proposed by the District Board—	
1. Road from Kurnool frontier <i>via</i> Gooty to Mysore frontier, about 105 miles ...	50,000
2. Road from Chittoor frontier to Bombay <i>via</i> Anantapur and Bellary (portion between Anantapur and Bellary) ...	20,000
3. Road from Anantapur to Tadpatri ...	15,000
4. Do. from Damajipalli <i>via</i> Dharmavaram and Buthalapalli and Nayampalli ...	10,000
5. Do. from Mysore frontier near Chowlur <i>via</i> Hindupur to Bangalore high road near Somandapalli ...	10,000
6. Do. from Tadpatri to Boghasamudram ...	10,000
7. Do. from Kodikonda <i>via</i> Hindupur to Madaksira ...	10,000
8. Repairing the roads in Gooty town ...	650
9. Do. the village roads of Kothapetta ...	60
10. Constructing a famine road from Korakodu to Muddalapur. Do. do. from Singanamala Oolikollu ...	200
11. Do. do. from Anantapur to Bojinapalli ...	1,000
12. Do. do. from Anantapur to Bojinapalli ...	1,000
13. Repairing the famine road from Peddakotla to Maliyavantham ...	600
14. Constructing a new famine road from Maliyavantham to Yerialipalli ...	700
15. Repairing the old famine road from Narpalor to Anantapur. Do. the old famine road from Garladinna to Singanamala ...	500
16. Do. the town roads at Penukonda ...	240
17. Do. do. at Dharmavaram ...	240
18. Do. do. at Bukkapatnam ...	160
19. Do. do. at Kalyándrug ...	160
20. Do. road from Cochemon to Puttur ...	960
21. Do. the famine road from Pamdurti to Kothakota and Chendrayampalli ...	640
22. Do. the famine road from Cherkur to Roddam and Mulakalacheruvu ...	800
23. Do. the famine road from Dharmavaram to Dadalur, Konapur, Pairur ...	2,000
24. Do. the famine road from Nuthunadugu to Damajipalli to Ramgiri and Nasankota ...	1,200

Taluk.	Description of work.	Estimate.
<i>Road works.—cont.</i>		
Penukonda—cont.	Bukkapatnam to Vengalammachervoo ... 6 miles.	RS. 6,336
	Locherla to Talamarla ... 4 "	4,224
	Kodur to Kothachervoo ... 12 "	12,672
	Total, Road works ...	1,15,632
	Total ...	3,96,632
<i>Irrigation works.</i>		
Dharmavaram.	Bukkacherla project ...	1,32,000
	Apparaschervu tank ...	3,400
	Kanumukkala tank ...	3,400
	Ravulchervoo ...	3,400
	Mulakaledoo ...	3,400
	Chaparu ...	3,400
	Total, Irrigation works ...	1,49,000
	<i>Road works.</i>	
	Kalyándrúg to Pamdurti ... 50 miles.	52,800
	Do. to Madhodi ... 21 "	22,176
Dharmavaram.	Dharmavaram to Anantapur frontier ... 13 "	13,728
	Damajepully to Kundurpidrug and Mulakaledoo. 60 "	63,360
	Kundurpi to Mulakaledoo via Malayanoor ... 12 "	12,672
	Chennakothapalli to Mushtooconila ... 6 "	6,336
	Nasanacota to Sanapa ... 22 "	23,232
	Kothachervoo to Dharmavaram ... 12 "	12,672
	Total, Road works ...	2,06,976
	Total ...	3,55,976
	Grand Total ...	15,79,532

Resolution—dated 10th August 1888, Mis. No. 1968.

It is presumed that the lists are submitted in reply to paragraph 4 of the Proceedings quoted. Paragraph 2 of the Proceedings has not been replied to.

2. In the lists submitted, there are many Professional Agency works which should have been excluded as it was only a list of Civil Agency works (section 21 of the Famine Code) that was called for.

3. The Board understand that similar lists have been called for from local bodies in the Local Fund and Municipal Departments. The Collector is requested to report if the Local Fund works (Roads, &c.) included in the present list have also been entered in the statement submitted by him to Government as President of the District Board.

(True Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Collector of Anantapur.

Taluk.	Description of works.	Estimate.
<i>Irrigation works.—cont.</i>		
Hindupur—cont.	Kallur ...	1,980
	Lapatchi ...	1,980
	Ootakur ...	3,300
	Amagondapalliem ...	800
	Gangireddipalli ...	3,500
	Total, Irrigation works ..	1,69,300
<i>Road works.</i>		
Hindupur—cont.	Purgi to Roddam ... 5½ miles.	5,808
	Roddam to Buchaganahalli ... 3 "	3,168
	Kotnur to Vanavole ... 26 "	27,456
	Kodikonda to Pedapalli ... 35 "	36,960
	Kodur to Kothachervoo ... 13 "	13,728
	Palasamudram to Gouruvanpalli ... 20 "	21,120
	Purgi to Chalkur ... 6 "	6,336
	Total, Road works ...	1,14,576
	Total ...	2,83,876
<i>Irrigation works.</i>		
Madakasira	Sivaram tank ...	3,300
	Morabagal ...	3,300
	Agoli ...	3,300
	Haresamudram ...	3,300
	Kallumari ...	3,300
	Valasi tank ...	3,300
	Kanajanahalli ...	3,300
	Enagaloor ...	3,300
	Tummadihalli ...	3,300
	Mutukur Nala ...	3,300
	Total, Irrigation works ...	33,000
	<i>Road works</i>	
Madakasira	Kalyándrúg to Madhodi ... 24½ miles.	25,872
	Madakasira to Phalaram ... 12 "	12,672
	Agoli to Morubagal ... 24 "	25,344
	Madhodi to Rolla ... 10 "	10,560
	Total, Road works ...	74,448
	Total ...	1,07,448
<i>Irrigation works.</i>		
Penukonda	Roddam project ..	1,32,000
	Potulagunta tank construction ...	1,32,000
	Locherla tank ...	3,400
	Seddarampuram ...	3,400
	Munimadoogoo ...	3,400
	Mavatoor ...	3,400
	Agraharam ...	3,400
	Total, Irrigation works ...	2,81,000
<i>Road works.</i>		
Penukonda	Kalyándrúg to Pamdurti ... 35 miles.	36,960
	Roddam to Purgi ... 8½ "	8,976
	Roddam to Buchagarripally ... 10 "	10,560
	Guttur to Pamdurti ... 28 "	29,568
	Kothachervoo to Dharmavaram ... 6 "	6,336

4. I submit this report with lists of the works proposed in obedience to the Board's order; but I place no reliance on the figures. The enormous excess of work provided occurs in three taluks of the Head Assistant Collector's division where some works, such as the known projects, have been entered. They would be subject to supervision by the Department of Public Works.

5. The season has happily opened favorably and works will not be wanted just a while. I can only suggest that all tanks, whose repair is not advisable from a money point of view, be estimated for. In addition, the forest settlement should be pushed on. The reserves would provide work everywhere in fencing and digging up. It was one of the most valuable suggestions made by Mr. Nicholson with no establishment available; to form plans as asked for by the Government of India will take years. But they can be got at in time. Meanwhile a famine may occur.

ENCLOSURE No. 1.

List of Famine Relief works in the Anantapur district.

Taluk.	Description of work.	Estimate.
		RS.
Gooty	(1) Removing silt from the following tanks and strengthening their bunds with the earth so removed—	
	Venkatampalli	1,000
	Vobicherla	1,000
	Karadikonda	1,000
	Nagasamudram	3,000
	Abbedoddi	1,500
	Goolinukonda	1,500
	Yerragudi	500
	Ayavaripalli	500
	Nelagonda	2,000
	Racherla	500
	Sakusanipally	1,000
	Lathavaram	1,000
	Thondapadu	500
	(2) Completing the road works commenced during the famine of 1876 but left unfinished—	
	(a) From Gooty to Yadiki via Anantapur and Chithrachedu, 20 miles	12,000
	(b) From Gooty to Karur via Nagasamudram, 18 miles	10,000
	(c) From Pamidy to Singanamala via Kanampalli, 11 miles	6,000
	(d) From Uravakonda to Rupavagudi of Bellary taluk via Haviligi, 13 miles	7,000
	(3) Levelling and clearing village sites in 50 villages	15,000
	(4) Digging ditches and forming banks in the aloe hedges around 30 village forest reserves and digging the whole area of the same so that seeds of indigenous trees might be sown, taking on an average the extent of each block at 1,000 acres and the cost of it at Rs. 5,000	1,50,000
	Total	2,15,000
Tadpatri	I. (1) A second-class road from Tadpatri to Dadithota via Yellanur, 28 miles	44,800
	(2) A road from Igadur on the Bellary high road to Pedda-Yekkalur via Pennér Railway station, Narasapuram, Kumetta, Pasalur and Garladinna, 10 miles	16,000
	(3) A road from Pedda-Yekkalur to the Bellary high road via Nagarur, Thatrallapalli and Rayalchervu, 8 miles	8,000

Taluk.	Description of work.	Estimate.
		RS.
Tadpatri—cont.	II. Removing silt from the Boppapalli tank and strengthening its bund with the earth so removed	2,000
	(1) Levelling and clearing village sites in 40 villages.	12,000
	(2) Digging ditches and forming banks with aloe hedges around 23 village forest reserves and digging the whole area of the same so that seeds of indigenous trees might be sown, taking on an average the extent of each block at 1,000 acres and the cost of it at Rs. 5,000	1,15,000
	Total	1,97,800
Anantapur	New roads to be made up.	
	(1) From Brahmavayalér to Palacherla, 7 miles	3,000
	(2) From Muddalaparam to Korakodu, 3½ miles	1,500
	(3) From Chiyadoo to Tadmarri, 5 miles	1,000
	Repairs to roads.	
	(4) From Talapur to Koodair, 3 miles	500
	(5) From Bukkaroyasamudram to Narpla, 10 miles	2,000
	(6) From Singanamala to Rachepally via Salakan-chervoo, 7 miles	1,000
	(7) From Malyavantham to Peddakolla via Tadmarri, 11 miles	1,000
	(8) From Garladinna to Singanamala, 7 miles	1,000
Hindupur	Tanks and Nalas.	
	(1) Filling up the breach in Kodimi-Balappu tank	500
	(2) Do. do. in Danduvaripully tank	4,000
	(3) Repairing the Chitravati, Yerrakalva irrigating, Cherlopally and Dumpetla wet lands	300
	(4) Raising, strengthening and revetting the bund of Chinnakotla tank	1,000
	(5) Repairs to Chennampally tank; filling up the breach in the bund	3,000
	(6) Repairs to Pennér nala near Nidavinada; to be banked on the side of the river; to be provided with aprons in five places	1,000
	Reserve.	
	(1) Fuel reserve at Siddarampuram, hamlet of Paramati Yalir. Block, 1,246 acres, cost of ditching and hedging, &c.	2,000
	Total	22,800
Hindupur	Irrigation works.	
	Hindupur project	1,32,000
	Purgi tank	3,960
	Chilmatur tank	3,960
	Santabidanoor	3,300
	Settipalli	1,980
	Moda	3,300
	Kanchisamudram	3,300
	Vadigapalli	1,980
	Vanavole	1,980
Hindupur	Srikantapuram	1,980

GOVERNMENT OF MADRAS.
REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 22nd November 1888, No. 659 :—

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. 1968 :—

Read—the following letter from W. G. UNDERWOOD, Esq., Acting Collector of Anantapur, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Anantapur, 16th July 1888, No. 512 :—

With reference to Board's Proceedings, 24th January 1888, No. 27, I have the honor to forward a list of minor famine works that could be taken in hand by the Revenue Department. The lists from the Divisional officers are anything but satisfactory, and I should be sorry to place any reliance on the accuracy of the estimates. There are also too many roads entered. The district is furrowed with useless and abandoned communications formed during the famine of 1876-77 and 1878.

2. In round numbers the population of the district was 600,000 at the last census. The number of children has probably increased. As all the estimates are vague, I think I need not try to get any nearer :—

Taluk.	Area in acres.	Population in round numbers.	5 per cent. thereof.	Number of days work in a year required.	
Anantapur	472,724	92,000	4,600	1,679,000	No allowance has been made for Sundays nor other holidays.
Dharmavaram	711,174	97,000	4,850	1,770,250	
Gooty	605,083	111,000	5,550	2,025,750	
Hindupur	272,193	73,000	3,650	1,332,250	
Madakasira	288,866	55,000	2,750	1,003,750	
Perukonda	611,196	73,000	3,650	1,332,250	
Tadpatri	369,956	99,000	4,950	1,804,750	
Total ..	3,332,182	600,000	30,000	10,950,000	

3. The Divisional officers have sent in estimates for Rs. 15,80,100, and it is a very difficult matter to decide how many days work they will provide. Taking for granted, which I very much doubt, that the estimates are fairly accurate, it may be assumed that a famine cooly will turn out, for four annas, work which would be done for one and-a-half annas by strong men. I take one and-a-half annas as an initial as being the day's pay on famine works. Then I am making no allowance for women and children. Then allowing that four-annas worth of work is turned out daily by a strong man, we get the following table :—

Taluk.	Estimate of works in rupees.	Days labor to strong men.	Multiplied by 3 to give days for famine coolies.	Days labor required.	Excess or deficiency of column 4 over column 5.
1	2	3	4	5	6
Anantapur	22,800	91,200	243,200	1,679,000	— 1,435,800
Gooty	2,15,000	860,000	2,293,333	2,025,750	+ 267,583
Tadpatri	1,97,800	791,200	2,109,866	1,804,750	+ 305,116
Dharmavaram	3,56,000	1,424,000	3,797,333	1,770,250	+ 2,027,083
Perukonda	3,97,000	1,588,000	4,234,666	1,332,250	+ 2,902,416
Hindupur	2,84,000	1,136,000	3,029,333	1,332,250	+ 1,697,083
Madakasira	1,07,500	430,000	1,146,666	1,003,750	+ 142,916
Total ..	15,80,100	6,320,400	16,854,400	10,950,000	+ 5,904,400