PROCEEDINGS OF THE BOARD OF REVENUE

(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

READ—the following letter from V. A. BRODIE, Esq., Acting Collector of Gódávari, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated Cocanada, 4th May 1895, Dis. No. 1380-Ver. :—

In forwarding herewith the statements of famine relief works for 1895–96 in the Forms A, B and C, I have the honour to report as follows :—

2. The statements have been prepared in the light of the instructions recently issued in this connection.

3. The works proposed are likely to cost Rs. 18,42,262 in all, affording employment for three months for 246,291 persons, *i.e.*, for 25·39 of the population according to the census of 1891.

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Construction of 661 miles of new roads to cost	12·33
Repairs to existing roads to cost	1·72
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Other miscellaneous works to cost	0·14
Land improvements with the aid of State loans to cost	0·05
Total ...	18·47

Thus the total provision amounts to Rs. 18,47,262, and the works are estimated to be sufficient to provide employment for a period of three months to 25 per cent. of the population of the tracts concerned.

3. The provision made is adequate except in Rajahmundry, Ellore and Yernagudem, where it would suffice for only 9, 8, and 4·5 per cent. respectively of the population, and the Collector states that he will issue instructions to the Tahsildars of these taluks to amplify their programmes in future. The provision in Yernagudem especially demands attention. At the end of the programme (A), a list is given of additional works estimated roughly to cost 14·46 lakhs, which are stated to be not in a forward state of preparation.

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Taluk.	Work.	Cost. Rs.
Ellore	Choultry in Dharmagigudem	600
Bhadrachalam.	Metalling roads and construction of tunnels and bridges.	1,00,000
Chódavaramu ...	A bridge work	15,600

6. All the irrigation works in charge of the Public Works Department situated in the marginally-noted taluks are shown in Form B as "in repair" and yet provision is made for the repair of them all. Again, as regards the irrigation works in charge of the Revenue department in the Yernagudem taluk, while 51 are shown as "in repair" and only 24 as "out of repair," provision is made for the repair of all the 75 works. "In repair" is presumably a clerical error.

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(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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

Exd. Shaik Karim

APPENDIX.

Form C.—Abstract of programme of famine relief works in the Gódávari district for 1895–96.

Taluk or division.	Population as per census of 1891 in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months. Class of work.	Irrigation works. New. Number.	Irrigation works. New. Amount.	Irrigation works. Repairs. Number.	Irrigation works. Repairs. Amount.	Forest-fencing works. Number.	Forest-fencing works. Amount.	Number to be provided for on	Total per cent. of population.
					Rs.		Rs.		Rs.		
1	2	3	4	7	8	9	10	11	12	5	6
Rajahmundry ..	145	29,000	Large— Sanctioned ..	..	..	..	..	..	..	10,714	
			Not sanctioned ..	..	..	28	9,000	..	..	2,848	
			Small ..	..	..	126	21,369	..	..	..	
			Land improvements ..	..	..	..	..	..	..	..	
			Total	..	..	154	30,369	..	..	13,562	9·3
Ellore taluk ..	173	34,600	Large— Sanctioned ..	..	..	..	..	..	..	11,306	
			Not sanctioned ..	..	..	12	3,000	..	..	2,558	
			Small ..	..	..	118	14,425	..	..	..	
			Land improvements ..	..	..	..	..	..	..	..	
			Total	..	..	130	17,425	..	..	13,864	8·01
Yernagudem ..	130	26,090	Large— Sanctioned ..	1	8,210	..	..	..	..	1,094	
			Not sanctioned ..	..	..	28	3,000	..	..	533	
			Small ..	..	..	75	26,905	..	..	4,254	
			Land improvements ..	..	..	..	..	..	..	..	
			Total	1	8,210	103	29,905	..	..	5,881	4·5
Peddápuram ..	157	31,400	Large— Sanctioned ..	..	..	..	..	..	..	70,413	
			Not sanctioned ..	4	95,000	20	9,000	..	..	22,451	
			Small ..	..	..	60	1,31,218	..	..	..	
			Land improvements ..	..	..	..	..	..	..	..	
			Total	4	95,000	80	1,40,218	..	..	92,864	59·1
Bhadrachalam ..	42	8,400	Large— Sanctioned ..	..	..	..	..	..	..	13,333	
			Not sanctioned ..	..	..	..	..	..	..	..	
			Small ..	..	..	..	..	..	..	..	
			Land improvements ..	..	..	..	..	..	..	..	
			Total ..	..	..	..	..	..	..	13,333	31·7

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

Taluk or division.	Road works.					Miscellaneous.						Grand total.		Works for which estimates are ready.	
	New.			Repairs.		Drinking water-supply		Others.		Total.					
	Number.	Miles.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
1	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
			Rs.				Rs.	Rs.	Rs.		Rs.		Rs.		Rs.
Rajahmundry	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	11	93⅛	71,350	..	..	..	..	..	..	..	..	39	80,350	2	22,350
	..	..	..	..	..	..	..	..	..	..	..	126	21,369	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	11	93⅛	71,350	..	..	..	..	..	..	..	..	165	1,01,719	2	22,350
Ellore taluk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	15	182	81,800	..	..	..	..	..	..	..	..	27	84,800	..	..
	..	..	..	..	..	13	4,164	1	600	14	4,764	132	19,189	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	15	182	81,800	..	..	13	4,164	1	600	14	4,764	159	1,03,989	..	..
Yernagudem	..	..	..	..	..	..	..	..	..	..	..	1	8,210	1	8,210
	1	8	1,000	..	..	..	..	..	..	..	..	29	4,000	..	..
	..	..	..	..	..	9	5,000	..	..	9	5,000	84	31,905	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	8	1,000	..	..	9	5,000	..	..	9	5,000	114	44,115	1	8,210
Peddápuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	23	170	4,24,100	..	..	..	..	..	..	..	..	47	5,28,100	..	..
	3	2½	1,500	..	..	20	21,870	43	13,800	63	35,670	126	1,68,388	33	4,407
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	26	172½	4,25,600	..	..	20	21,870	43	13,800	63	35,670	173	6,96,488	33	4,407
Bhadráchalam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	2	1,00,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	2	1,00,000	..	..	..	..	..	..	2	1,00,000	..	..

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

Taluk or division.	Population as per census of 1891 in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.	
			Class of work.	Number to be provided for on.	Total per cent. of population.	New.		Repairs.		Number.	Amount.
						Number.	Amount.	Number.	Amount.		
1	2	3	4	5	6	7	8	9	10	11	12
									Rs.		
Polavaram	50	10,000	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	8,213		..	..	..	..	..	..
			Small	1,534		..	..	35	10,110	..	..
			Land improvements	..		..	..	..	..	..	..
			Total ..	9,747	19·4	..	..	35	10,110	..	..
Chódavaramu and Yellavaram.	45	9,000	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	11,733		..	..	11	8,700	..	..
			Small	1,160		..	..	..	..	..	..
			Land improvements	..		..	..	..	..	..	..
			Total ..	12,893	28·6	..	..	11	8,700	..	..
Cocanada division ..	81	16,200	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	16,789		..	..	..	..	..	..
			Small	2,666		..	..	..	..	..	..
			Land improvements	..		..	..	..	..	..	..
			Total ..	19,455	24·01	..	..	..	..	..	..
Pithápuram division ..	84	16,800	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	21,999		..	..	..	..	..	..
			Small	2,612		..	..	..	..	..	..
			Land improvements	..		..	..	..	..	..	..
			Total ..	24,611	29·3	..	..	..	..	..	..
Táni division	63	12,600	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	39,349		..	..	..	..	..	..
			Small	66		..	..	..	..	..	..
			Land improvements	..		..	..	..	..	..	..
			Total ..	39,415	62·5	..	..	..	..	..	..

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

Taluk or division.	Road works.					Miscellaneous.						Grand total.		Works for which estimates are ready.	
	New.			Repairs.		Drinking water-supply		Others.		Total.					
	Number.	Miles.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
			Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Polavaram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	2	19	61,600	..	..	..	..	..	..	..	..	2	61,600	2	61,600
	..	..	..	..	..	2	1,400	..	..	2	1,400	37	11,510	2	1,400
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	2	19	61,600	..	..	2	1,400	..	..	2	1,400	39	73,110	4	63,000
Chódavaramu and Yellavaram.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	..	15,600	2	72,400	..	..	..	..	..	..	3	88,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	11	8,700	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	..	15,600	2	72,400	..	..	..	..	..	..	14	96,700	..	..
Cocanada Division ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	3	23	95,927	..	..	1	30,000	..	..	1	30,000	4	1,25,927	2	74,677
	6	4½	20,000	..	..	..	..	..	..	..	..	6	20,000	6	19,475
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	9	27½	1,15,927	..	..	1	30,000	..	..	1	30,000	10	1,45,927	8	94,152
Pithápuram division ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	22	94	1,65,000	..	..	..	..	..	..	..	..	22	1,65,000	..	..
	..	..	..	..	..	31	19,590	..	..	31	19,590	31	19,590	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	22	94	1,65,000	..	..	31	19,590	..	..	31	19,590	53	1,84,590	..	..
Túni Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	8	65	2,95,124	..	..	..	..	..	..	..	..	8	2,95,124	2	10,080
	..	..	..	..	..	1	500	..	..	1	500	1	500	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	8	65	2,95,124	..	..	1	500	..	..	1	500	9	2,95,624	2	10,080

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

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			Class of work.	Number to be provided for on.	Total per cent. of population.	New.		Repairs.		Number.	Amount.
						Number.	Amount.	Number.	Amount.		
1	2	3	4	5	6	7	8	9	10	11	12
							Rs.		Rs.		
District Total ..	970	194,000	Large—								
			Sanctioned	1,094		1	8,210	..	..	..	..
			Not sanctioned	204,382		4	95,000	88	24,000	..	..
			Small	40,149		..	..	425	2,12,727	..	..
			Land improvements	666		..	..	..	..	..	..
			Grand Total ..	246,291	25·39	5	1,03,210	513	2,36,727	..	..

Taluk or division.	Road works.					Miscellaneous.						Grand total.		Works for which estimates are ready.	
	New.			Repairs.		Drinking water-supply		Others.		Total.					
	Number.	Miles.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
			Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
District Total ..	..	..	..	..	..	..	..	..	..	..	..	1	8,210	1	8,210
	86	654⅛	12,11,501	4	1,72,400	1	30,000	..	..	1	30,000	183	15,32,901	8	1,68,707
	9	7	21,500	..	..	76	52,524	44	14,400	120	66,924	554	3,01,151	41	25,282
	..	..	..	..	..	..	..	..	5,000	..	5,000	..	5,000	..	..
Grand Total ..	95	661⅛	12,33,001	4	1,72,400	77	82,524	44	19,400	121	1,01,924	738	18,47,262	50	2,02,199

REVENUE DEPARTMENT.

1895.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Printed June 25th.

Proceedings, 30th May 1895, No. 140.

Famine relief works for 1895-96.—Reviewing the programme of—received from the Collector of Gódávari.

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(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

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Bhadrachalam.	Metalling roads and construction of tunnels and bridges.	1,00,000
Chódavaramu ...	A bridge work	15,600

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Peddápuram.	Ellore.
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(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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

Exd. Shaik Karim

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			Class of work.	Number to be provided for on	Total per cent. of population.	New.		Repairs.		Number.	Amount.
						Number.	Amount.	Number.	Amount.		
	1	2	3	4	5	6	7	8	9	10	11	12
							Rs.			Rs.		
Rajahmundry	145	29,000	Large—									
			Sanctioned ..	10,714					28	9,000		
			Not sanctioned ..	2,848					126	21,369		
			Small	..					..	..		
			Land improvements	13,562	9·3	..	..	154	30,369		..	..
			Total									
Ellore taluk	173	34,600	Large—									
			Sanctioned ..	11,306					12	3,000		
			Not sanctioned ..	2,558					118	14,425		
			Small	..					..	..		
			Land improvements	13,864	8·01	..	..	130	17,425		..	..
			Total									
Yernagudem	130	26,000	Large—									
			Sanctioned ..	1,094		1	8,210		28	3,000		
			Not sanctioned ..	533					75	26,905		
			Small	4,254					..	..		
			Land improvements	5,881	4·5	1	8,210	103	29,905		..	..
			Total									
Peddápuram	157	31,400	Large—									
			Sanctioned ..	70,413		4	95,000		20	9,000		
			Not sanctioned ..	22,451					60	131,218		
			Small	..					..	..		
			Land improvements	92,864	59·1	4	95,000	80	140,218		..	..
			Total									
Bhadrachalam	42	8,400	Large—									
			Sanctioned ..	13,333								
			Not sanctioned ..	..								
			Small	..								
			Land improvements	13,333	31·7	..	..	..	..		..	..
			Total									

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

Taluk or division.	Road works.					Miscellaneous.						Grand total.		Works for which estimates are ready.	
	New.			Repairs.		Drinking water-supply		Others.		Total.					
	Number.	Miles.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
			Rs.				Rs.	Rs.			Rs.		Rs.		Rs.
Rajahmundry	11	93⅛	71,350	..	..	..	..	..	..	..	..	39	80,350	2	22,350
	..	..	..	..	..	..	..	..	..	..	..	126	21,369	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	11	93⅛	71,350	..	..	..	..	..	..	..	..	165	1,01,719	2	22,350
Ellore taluk	15	182	81,800	..	..	..	..	..	..	..	..	27	84,800	..	..
	..	..	..	..	..	13	4,164	1	600	14	4,764	132	19,189	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	15	182	81,800	..	..	13	4,164	1	600	14	4,764	159	1,03,989	..	..
Yernagudem	1	8	1,000	..	..	..	..	..	..	..	..	1	8,210	1	8,210
	..	..	..	..	..	..	..	..	..	..	..	29	4,000	..	..
	..	..	..	..	..	9	5,000	..	..	9	5,000	84	31,905	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	8	1,000	..	..	9	5,000	..	..	9	5,000	114	44,115	1	8,210
Peddápuram	23	170	4,24,100	..	..	..	..	..	..	..	..	47	5,28,100	..	..
	3	2½	1,500	..	..	20	21,870	43	13,800	63	35,670	126	1,68,388	33	4,407
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	26	172½	4,25,600	..	..	20	21,870	43	13,800	63	35,670	173	6,96,488	33	4,407
Bhadráchalam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	2	1,00,000	..	..	..	..	..	..	2	1,00,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	2	1,00,000	..	..	..	..	..	..	2	1,00,000	..	..

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

Taluk or division.	Population as per census of 1891 in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months. Class of work.	Number to be provided for on.	Total per cent. of population.	Irrigation works. New. Number.	Irrigation works. New. Amount.	Irrigation works. Repairs. Number.	Irrigation works. Repairs. Amount.	Forest-fencing works. Number.	Forest-fencing works. Amount.
1	2	3	4	5	6	7	8	9	10	11	12	
									Rs.		
Polavaram	50	10,000	Large—								
			Sanctioned	8,213		..	..	..	..	..	..
			Not sanctioned	1,534		..	..	35	10,110	..	..
			Small	..		..	..	..	..	..	..
			Land improvements								
			Total ..	9,747	19·4	..	..	35	10,110	..	..
Chódavaramu and Yellavaram.	45	9,000	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	11,733		..	..	11	8,700	..	..
			Small	1,160		..	..	..	..	..	..
			Land improvements	..							
			Total ..	12,893	28·6	..	..	11	8,700	..	..
Cocanada division ..	81	16,200	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	16,789		..	..	..	..	..	..
			Small	2,666		..	..	..	..	..	..
			Land improvements	..							
			Total ..	19,455	24·01	..	..	..	..	..	..
Pithápuram division ..	84	16,800	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	21,999		..	..	..	..	..	..
			Small	2,612		..	..	..	..	..	..
			Land improvements	..							
			Total ..	24,611	29·3	..	..	..	..	..	..
Táni division	63	12,600	Large—								
			Sanctioned	..		..	..	..	..	..	..
			Not sanctioned	39,349		..	..	..	..	..	..
			Small	66		..	..	..	..	..	..
			Land improvements	..							
			Total ..	39,415	62·5	..	..	..	..	..	..

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

Taluk or division.	Road works.					Miscellaneous.						Grand total.		Works for which estimates are ready.	
	New.			Repairs.		Drinking water-supply		Others.		Total.					
	Number.	Miles.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
			Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Polavaram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	2	19	61,600	..	..	..	..	..	..	..	..	2	61,600	2	61,600
	..	..	..	..	..	2	1,400	..	..	2	1,400	37	11,510	2	1,400
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	2	19	61,600	..	..	2	1,400	..	..	2	1,400	39	73,110	4	63,000
Chódavaramu and Yellavaram.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1	..	15,600	2	72,400	..	..	..	..	..	..	3	88,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	11	8,700	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	..	15,600	2	72,400	..	..	..	..	..	..	14	96,700	..	..
Cocanada Division ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	3	23	95,927	..	..	1	30,000	..	..	1	30,000	4	1,25,927	2	74,677
	6	4½	20,000	..	..	..	..	..	..	..	..	6	20,000	6	19,475
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	9	27½	1,15,927	..	..	1	30,000	..	..	1	30,000	10	1,45,927	8	94,152
Pithápuram division ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	22	94	1,65,000	..	..	..	..	..	..	..	..	22	1,65,000	..	..
	..	..	..	..	..	31	19,590	..	..	31	19,590	31	19,590	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	22	94	1,65,000	..	..	31	19,590	..	..	31	19,590	53	1,84,590	..	..
Túni Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	8	65	2,95,124	..	..	..	..	..	..	..	..	8	2,95,124	2	10,080
	..	..	..	..	..	1	500	..	..	1	500	1	500	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	8	65	2,95,124	..	..	1	500	..	..	1	500	9	2,95,624	2	10,080

Abstract of programme of famine relief works in the Gódávari district for 1895-96—*cont.*

Taluk or division.	Population as per census of 1891 in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.	
			Class of work.	Number to be provided for on.	Total per cent. of population.	New.		Repairs.		Number.	Amount.
						Number.	Amount.	Number.	Amount.		
1	2	3	4	5	6	7	8	9	10	11	12
							Rs.		Rs.		
District Total ..	970	194,000	Large—								
			Sanctioned	1,094		1	8,210	..	..	..	..
			Not sanctioned	204,382		4	95,000	88	24,000	..	..
			Small	40,149		..	..	425	2,12,727	..	..
			Land improvements	666		..	..	..	..	..	..
			Grand Total ..	246,291	25·39	5	1,03,210	513	2,36,727	..	..

Taluk or division.	Road works.					Miscellaneous.						Grand total.		Works for which estimates are ready.	
	New.			Repairs.		Drinking water-supply		Others.		Total.					
	Number.	Miles.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
			Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
District Total ..	..	..	..	..	..	..	..	..	..	..	..	1	8,210	1	8,210
	86	654⅓	12,11,501	4	1,72,400	1	30,000	..	..	1	30,000	183	15,32,901	8	1,68,707
	9	7	21,500	..	..	76	52,524	44	14,400	120	66,924	554	3,01,151	41	25,282
	..	..	..	..	..	..	..	..	5,000	..	5,000	..	5,000	..	..
Grand Total ..	95	661⅓	12,33,001	4	1,72,400	77	82,524	44	19,400	121	1,01,924	738	18,47,262	50	2,02,199

REVENUE DEPARTMENT.

1895.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Printed June 25th.

Proceedings, 30*th May* 1895, *No.* 140.

Famine relief works for 1895-96.—Reviewing the programme of—received from the Collector of Godávari.

F —1,000—22-12-94.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Copy attached

Read—Proceedings of the Board of Revenue, R.S. L.R. & Agri dated 30 May 1895, No. 140.

Order thereon, 1st June 1895, *No.* 2000.

Recorded.

(True Extract.)

W. Bayley

Secretary to Government.

To the Board of Revenue. R.S. L.R. & Agri.
— Public Works Deft.
— Local & Municl. Deft.
— Mr.

P. M. CURRENT No. 5235

Govt. of {1895 / 96} Madras.
REVENUE.

To

THE ~~COMMISSIONER OF~~
Public Works Secretary.

Dated
Recd.

Encl.

Mis. G.O., / July 1895, No. 2000.
R.

SUBJECT.

Recording B.S. receiving the programme of famine relief works for 1895-96 received from the Collector of Godavari.

Applied for 35 C. 15/7 Rec'd 15/7

Encl 1

Rec'd: 5-7-95

No. 1800 W dt 22nd July 1895

B

Communicated
Communicated
to officers concerned
to officers concerned

13

DESPATCHED
2 JUL 95

S.E. I Circle
Ch. Engineer

O.L.S. 212 dt 15/7 W. 4/7

20TH JULY 1895, No. 1797 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

Report of an inspection by Mr. C. C. SWETENHAM, Deputy Examiner, on the 21st May 1895, upon the accounts of the office of the Superintending Engineer, IV Circle.

Charge of Circle.—The IV Circle has been in charge of Mr. J. Hannan, Superintending Engineer, first class, since the 5th November 1893.

2. *Cash account.*—The cash book had been last signed by the Superintending Engineer on 30th January 1895.

3. (*a*) Advances to lascars from imprest on account of travelling allowances showed an outstanding of Rs. 2. This was current having been made on the 21st May 1895.

(*b*) No receipts are obtained from lascars for these advances.

(*c*) Vouchers not submitted to audit were not cancelled after entry in cash book.

4. *Service books.*—On checking the service books the following observations were made :—

(*a*) The service books are kept in custody of Mr. P. M. Rozario, clerk, 3rd class, 3rd grade.

(*b*) Mr. P. M. Rozario thus keeps his own service book.

(*c*) Personal certificates are filed with service books. They should be returned to their owners.

(*d*) Each entry is not signed by the Superintending Engineer, Mr. Hannan, but in some cases several grouped entries have been signed by him. This is open to objection.

(*e*) In the service book of M.R.Ry. A. Ponnarangam Mudaliar, Head clerk, a blank intermediate page has not been cancelled. This occurred also in the service book of Muthusawmy Naidu.

(*f*) In the same book an entry of the 1st January 1894 had not yet been signed by the Superintending Engineer, Mr. J. Hannan.

(*g*) The date of return from leave was not noted in service books.

It must be recollected that a service book should be so posted that a glance at the last entry shows the exact existing status of the employé.

5. *Land-holding.*—Declarations of holding land had not been obtained from the office staff and filed. It was stated that none of them held lands.

6. *Grant of increments.*—There was nothing on record in the office to show that increments had been specially and specifically granted by the Superintending Engineer. It was stated that the claim was made in the salary bill and on that being passed in ordinary course, the increment was taken as granted. This does not appear sufficient.

7. *Leave applications.*—Leave applications are not made on printed forms.

MADRAS,
13th June 1895.

(Signed) C. C. SWETENHAM,
Inspecting Officer, P.W. Accounts.

Office-note from the Examiner, Public Works Accounts, dated Madras, 13th July 1895, No. 2505 C.

Submitted for the orders of Government, special attention being invited to the following points :—

1. *Paragraph* 2.—The Code, Volume II, I, 61, requires that the cash book should be signed by the disburser at the end of the month.

2. *Paragraph* 3 (*b*).—Receipts should be obtained for all payments made, and this is a safe rule to follow (Code, Volume II, I, 175 and 178).

3. *Paragraph* 3 (*c*).—Under Code, Volume II, I, 66, all vouchers audited in the Examiner's office are cancelled, and the same practice should be followed in reference to the vouchers retained in disbursing offices to prevent their being brought forward again for payment.

4. *Paragraphs* 4 (*a*) *and* (*b*).—Every head of an office is responsible for the safe custody of service books, but he must be left to arrange for this in the way that he thinks best (see paragraph 23 of my No. 2372 B., dated 4th July 1895).

5. *Paragraphs* 4 (*d*) *and* (*f*).—Each entry in the service book requires to be signed by the head of the office (Civil Service Regulations, Article 876).

6. *Paragraph* 4 (*e*).—The blank forms should be cancelled.

7. *Paragraph* 4 (*g*).—The date of return from leave should invariably be noted in service books.

8. *Paragraph* 6.—This practice is open to objection, as in signing a salary bill it is not possible to judge, without a comparison with the previous month's bill, whether any increased salaries have been included in it; and the head of the office may not have leisure, when signing a salary bill, to investigate the title or otherwise to an increment.

9. It is most desirable that a separate application for the grant of an increment, with the orders of the head of the office clearly noted upon it, should be on record; and no increase of salaries should be entered in salary bills until they have thus been specifically sanctioned.

ORDER—dated 20th July 1895, No. 1797 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, for information and guidance.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar,
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1895} Madras.

PUBLIC WORKS.

Dated July, 20th.

Recd. *Encl.*

G.O., 20th July 1895, No. 1797 W.

JULY.

Office of the Superintending Engineer, IV Circle

Office-note from the Examiner, Public Works Accounts, submitting an Inspection Report of the —, communicated to Superintending Engineer, IV Circle.

EXAMINER
3 JUL 1895
ACCOUNTS

Report of an inspection by Mr. C. C. SWETENHAM, Deputy Examiner, on the 21st May 1895, upon the accounts of the office of the Superintending Engineer, IV Circle.

Charge of Circle.—The IV Circle has been in charge of Mr. J. Hannan, Superintending Engineer, first class, since the 5th November 1893.

2. *Cash account.*—The cash book had been last signed by the Superintending Engineer on 30th January 1895.

3. (*a*) Advances to lascars from imprest on account of travelling allowances showed an outstanding of Rs. 2. This was current having been made on the 21st May 1895.

(*b*) No receipts are obtained from lascars for these advances.

(*c*) Vouchers not submitted to audit were not cancelled after entry in cash-book.

4. *Service books.*—On checking the service books the following observations were made:—

(*a*) The service books are kept in custody of Mr. P. M. Rozario, clerk, 3rd class, 3rd grade.

(*b*) Mr. P. M. Rozario thus keeps his own service book.

(*c*) Personal certificates are filed with service books. They should be returned to their owners.

(*d*) Each entry is not signed by the Superintending Engineer Mr. Hannan, but in some cases several grouped entries have been signed by him. This is open to objection.

(*e*) In the service book of M.R.Ry. A. Ponnarangam Mudaliar, Head clerk, a blank intermediate page has not been cancelled. This occurred also in the service book of Muthusawmy Naidu.

(*f*) In the same book an entry of the 1st January 1894 had not yet been signed by the Superintending Engineer Mr. J. Hannan.

(*g*) The date of return from leave was not noted in service books.

It must be recollected that a service book should be so posted that a glance at the last entry shows the exact existing status of the employé.

5. *Land-holding.*—Declarations of holding land had not been obtained from the office staff and filed. It was stated that none of them held lands.

6. *Grant of increments.*—There was nothing on record in the office to show that increments had been specially and specifically granted by the Superintending Engineer. It was stated that the claim was made in the salary bill and on that being passed in ordinary course, the increment was taken as granted. This does not appear sufficient.

7. *Leave applications.*—Leave applications are not made on printed forms.

MADRAS,
13th June 1895.

(Signed) C. C. SWETENHAM,
Inspecting officer, P.W. Accounts.

Proof for approval

0621
5384/95

KEEP-WITH CURRENT No.

dated 189 .

E. No. 27.
500—2-11-94.

GOVT. OF MADRAS. } 1895. { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, /3 July 1895.

OFFICE NOTE No. 2505-C

To

10

W.

Report of an inspection of the office of the Superintending Engineer , 4th. Circle by Mr.C.C.Swetenham,Deputy Examiner.

Submitted for the orders of Govt. special attention being invited to the following points.

I. Para 2. The Code Volume II. I. 61 requires that the cash book should be signed by the disburser at the end of the month.

2. Para 3(b). Receipts should be obtained for all payments made, & this is a safe rule to follow(Code volume II. I. 175 and 178).

3. Para 3(c). Under Code volume II. I. 66 all vouchers audited in the Examiner's office are cancelled, & the same practice should be followed in reference to the vouchers retained in disbursing offices to prevent their being brought forward again for payment.

P. W. CURRENT No. 5384

4. Paras 4(a) &(b). Every head of an office is responsible for the safe custody of service books, but he must be left to arrange for this in the way that he thinks best (see para 23 of my No. 2372 B dated 4th. July 1895).

5. Paras 4(d) &(f). Each entry in the service book requires to be signed by the head of the office (C.S.R. article 876).

6. Para 4(e). The blank forms should be cancelled.

7. Para 4(g) The date of return from leave should invariably be noted in service books.

8. Para 6. This practice is open to objection; as in signing a salary bill it is not possible to judge, without a comparison with the previous months bill, whether any increased salaries have been included in it; and the head of the office may not have leisure, when signing a salary bill, to investigate the title or otherwise to an increment.

9. It is most desirable that a separate application for the grant of an increment, with the orders of the head of the office clearly noted upon it, should be on record; and no increase of salaries should be entered in salary bills until they have thus been specifically sanctioned.

C.

Enclo 1

Recd: 15.7.95

1742 W 15.7.95

Genl Acct

No. 1797 W of 29th July 1895

Communicated to the Suptg: Engr IV circle for information and guidance.

29 JUL. 95

Suptg: Engr IV circle
Exar: P.W. acct

Enc. 1

O.L.S. 229 R 20/7

5384

Govt. of (1895) Madras.

PUBLIC WORKS.

Dated 22/7/95

Recd. Encl.

G.O., 20/7/ 1895, No. 1797 W.

Office of the Supdg. Engineer IV Circle.

=

Office Note from the Exr. P. W. Accounts Submitting an Inspection Report of the — Countd. to S. E. IV Circle.

7/0/4

INDEXED.

Ex. 22/7

En. 1. O.L.S. 229 R 20/7

GOVERNMENT OF MADRAS.

POLITICAL DEPARTMENT.

Read—again the following paper:—

G.O., dated 7th August 1886, No. 758, Political.

Abstract.—Ruling that *all* communications to Foreign Governments or Native States shall issue from the Political Department.

x 2162 W, 26.8.86

Order—dated 25th June 1895, No. 408, Political.

The instructions in G.O., dated 7th August 1886, No. 758, do not apply to communications addressed to Residents in Native States which are not under the control of this Government. Such communications should invariably issue from the Secretariat Department concerned.

(True Extract.)

C. G. Todhunter
for Chief Secretary.
4-VII-95

To the Revenue Department.
" Public Works Department.
" Local and Municipal Department.
" Judicial Department.
" Educational Department.
" Public Department.
" Marine Department.
" Ecclesiastical Department.

Exd. A. Raitt.

10.8.C

17.W12

Govt. of {1895} Madras.

POLITICAL.

No 2162 W d/ 26-8-86
2504 W d/ 6-9-83
576 I d/ 21-7-83
369 I d/ 4-5-83
200 I d/ 3-3-82

Issued

Recd. Encl.

G.O., 25th June 1895, No. 408.

JUNE.

Communications addressed to Residents in Native States not under the control of this Government.

Directing that — should invariably issue from the Secretariat Department concerned.

P. W. CURRENT No. 5262

10 S.C

Aus: 6.7.95

No 1791 W of 18th July 1895

B

Recorded in modification of G.O. No 2162 W d 26 Augt 1886

DESPATCHED
19 JUL. 95

Ch. Engr for Govt with Consg Engr for Ry

O.L.S. 222
R 17/7

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

G.O., dated 26th June 1895, No. 528, Public.

Read—again the following papers :—

G.O., dated 2nd January 1895, No. 2, Public.

Read—the following letter from Surgeon-Major-General C. SIBTHORPE, F.R.C.P.I., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Madras, 3rd December 1894, No. 636 :—

With reference to G.O. No. 578, Public, dated the 7th August 1894, conveying the sanction of the Government of India to civil hospital assistants holding authorized appointments being provided with free quarters or compensation in lieu, I have the honour to forward the enclosed correspondence received from the Senior Medical Officer, General Hospital, and to request that Government will be pleased to instruct the Consulting Architect to prepare the necessary plans and estimates for building quarters for the three hospital assistants attached to the institution, and to accord permission to the vacant ground opposite to the General Hospital, which the Deputy Collector of Madras reports is the property of Government, being utilized for the purpose.

2. It is, in my opinion, most desirable that the hospital assistants should be provided with quarters near the hospital. This will add to the efficiency of the compounding department of the institution and save the house-rent which will have otherwise to be granted under the Government Order quoted above.

3. A tracing by the Consulting Architect showing the position of the proposed quarters is enclosed. I strongly recommend the suggestion of the Senior Medical Officer that the position of these quarters be carried more to the west near the Adam's Park, and the site now marked for them be utilized for quarters for the head steward, who should, in the interests of the institution, live near the hospital.

Order—dated 2nd January 1895, No. 2, Public.

Ordered to lie over pending the result of the negociations at present proceeding in connection with a new Women and Children's hospital.

(True Extract.)

(Signed) E. GIBSON,
Ag. Chief Secretary.

G.O., dated 9th March 1895, No. 178, Public.

Read—the following papers :—

From the Public Works Department, dated 16th January 1895, No. 148-C.

Abstract.—Referring to the Public Department, with reference to the orders in that department, dated 14th November 1894, No. 865, a letter from the Consulting Architect to Government submitting plans for quarters of the military hospital assistant class, as also of the quarters erected for the hospital assistants attached to the Madras Penitentiary.

From the Surgeon-General, dated 21st February 1895, No. 182.

Abstract.—Stating that he approves of the design of the quarters for the hospital assistants attached to the Madras Penitentiary, but that the measurements of the rooms should correspond with those prescribed in G.O., dated 14th November 1894, No. 865, Public.

Order—dated 9th March 1895, No. 178, Public.

The Consulting Architect will be requested to prepare a plan of quarters of the same design as those for the hospital assistants attached to the Penitentiary, but with rooms of the size prescribed in paragraph 3 of G.O., dated 14th November 1894, No. 865, Public.

(True Extract.)

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

Read—also the following papers:—

From Surgeon-Major-General C. SIBTHORPE, F.R.C.P.I., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Madras, 18th March 1895, No. 289.

With reference to paragraph 6 of G.O. No. 865, Public, dated the 14th November 1894, I have the honour to forward the enclosed letter from the Consulting Architect to Government and to request that sanction may be accorded to his preparing plans and estimates for the construction of quarters for the hospital assistants attached to the Presidency State hospitals, &c., referred to by him, with the exception of the Women and Children's hospital which is under orders to be amalgamated with the General Hospital, Madras.

2. As regards quarters for the hospital assistants attached to the Lying-in hospital, I have already addressed Government on the subject (*vide* my letter No. 166, dated the 16th February 1895).

3. With reference to paragraph 2 of the Consulting Architect's letter, the papers and plans were referred to me with your endorsement, No. 96 of 19th January 1895, and replied to in my letter No. 182, dated the 21st February 1895. I trust that the recommendations therein made will meet with the approval of Government.

4. As regards the concluding part of Mr. Irwin's letter, Government has, in G.O. No. 2, Public, of the 2nd January 1895, ordered the matter to lie over. It is hoped that early orders will now be passed on the subject.

ENCLOSURE.

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Surgeon-General with the Government of Madras, dated Chepauk, 8th March 1895, No. 3697.

In reply to your letter No. 2003, dated the 6th instant, I have the honour to state that G.O. No. 865, Public, dated 14th November 1894, communicated to this office with G.O. No. 3047 W., Public Works Department, dated 27th November 1894, directed me to prepare a standard design for civil hospital assistants' quarters.

2. In my letter No. 2912, dated 10th January 1895, to the Chief Engineer, I submitted the standard plan of military hospital assistants' quarters as well as a plan of the quarters constructed for the hospital assistants attached to the Madras Penitentiary, and suggested that a plan may be drawn up on the lines of the latter. Orders on the same have not yet been received.

3. I find that the following quarters are required to be constructed at Madras and request that you will be so good as to obtain the sanction of Government for the preparation of the necessary plans and estimates:—

Quarters for three hospital assistants attached to the General Hospital.
" two " " " Lying-in hospital.
" two " " " Ophthalmic hospital.
" one " " " Women and Children's hospital.
" " " " " Civil Jail.

In my letter No. 2252, dated 30th October 1894, I addressed the Senior Medical Officer about the site opposite the General Hospital for the hospital assistants' quarters. I have not yet received any orders on the subject.

No. 647.

Forwarded to the Public Works Department with the request that the plan called for in G.O., dated 9th March 1895, No. 178, may be furnished as soon as possible.

FORT ST. GEORGE,
25th March 1895.

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

No. 1353 C.

Forwarded to the Consulting Architect with the request that the plan called for in G.O. No. 661 W., dated 19th March 1895, may be expedited.

(Signed) J. PENNYCUICK, Colonel, R.E.,
29th March 1895. Secretary to Govt., P.W.D.

From H. IRWIN, Esq., C.I.E., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 10th April 1895, No. 174.

With reference to G.O. No. 661 W., dated the 19th March 1895, I have the honour to submit a standard plan of quarters for hospital assistants in civil employ with descriptive specification and schedule of quantities.

ENCLOSURES.

STANDARD design for quarters for hospital assistants in civil employ, with tiled roofing, according to drawing signed by the Consulting Architect on 10th April 1895.

DESCRIPTIVE SPECIFICATION.

Foundation.—A depth of 4 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be carried up in English bond according to the various thicknesses shown on the drawing, 1 brick and 1½ bricks thick.

Woodwork.—The doors and windows and roof-timbers to be of well-seasoned Burma teak; the rafters and minor roof-timbers may be of approved country wood, proof against white ants.

Roofing.—The roof will be covered with flat and pan tiles. If Mangalore tiles are used, the rafters may be spaced about 2′ 6″ centre to centre and the three rooms ceiled with ½″ teak planking screwed to the bottom of rafters and overlapping one inch at joints.

Flooring.—To consist of a bed of concrete 4 inches thick. The rooms and verandah of the main building will be paved with Cuddapah slabs or 8 inch square bricks and the out-buildings plastered with portland cement ½ inch thick. Cuddapah slabs will be laid on the walls at basement level as a damp course. Where the soil is damp the space beneath the floor should be filled with river sand.

Interior and exterior finishing.—The interior walls will be plastered and polished, or plastered and white-washed. Where good bricks or stone is available the exterior should be pointed. The doors and windows and exposed woodwork of roof to be painted with three coats oak-paint and the roof-timbers stained with three coats wood-oil.

ESTIMATE FORM—DETAIL MEASUREMENTS.

Detail of work.	No.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Excavation for foundation.		FT. IN.	FT. IN.	FT. IN.	C. FT.	C. FT.
Outer walls of main rooms	..	79 5				
Partition	1	10 1½				
Verandah and verandah rooms	2	37 10				
Do. partition	1	4 1½				
Outer walls of out-houses	..	71 5				
		240 9	3 0	4 0	2,889	
Outer walls of partitions	2	6 1½				
Walls enclosing yard	2	10 1½				
Screen wall	1	5 0				
		37 6	2 0	4 0	300	
Sides of fire-place in kitchen	2	0 9	1 9	4 0	11	
Entrance step	1	22 9	3 0	0 6	34	
Cistern	1	3 0	5 0	2 0	30	
Total ..	..	..	..	..	..	3,264

Estimate Form—Detail Measurements—*cont.*

Detail of work.	No.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Concrete.		FT. IN.	FT. IN.	FT. IN.	C. FT.	C. FT.
Outer walls of main room		79 5				
Partitions		10 $1\frac{1}{2}$				
Verandah and verandah rooms	2	37 10				
Do. partition		4 $1\frac{1}{2}$				
Outer walls of out-houses		71 5				
		240 9	3 0	3 6	2,528	
Outer walls of partitions	2	6 $1\frac{1}{2}$				
Walls enclosing yard	2	10 $1\frac{1}{2}$				
Screen wall	1	5 0				
		37 6	2 0	3 6	263	
Sides of fire-place in kitchen	2	0 9	1 9	3 6	9	
Entrance steps	1	22 9	3 0	0 6	34	
Cistern	1	3 0	5 0	1 0	15	
Total	..	..	..	..	..	2,849
Brick work in foundations and basement.						
Outer walls of main rooms		79 5				
Partition do.	1	11 $7\frac{1}{2}$				
Verandah and verandah rooms	2	39 4				
Do. partition	1	5 $7\frac{1}{2}$				
Outer walls of out-houses		71 5				
		246 9	1 6	2 6	925	
Partitions of out-houses	2	7 $7\frac{1}{2}$	1 $1\frac{1}{2}$	2 6	43	
Walls enclosing yard	2	11 $7\frac{1}{2}$				
Screen wall	1	5 0				
		28 3	1 $1\frac{1}{2}$	1 6	48	
Sides of fire-place in kitchen	2	0 9	1 9	2 6	7	
Entrance steps	..	22 9	3 0	1 0	68	
Steps in yard	1	6 3				
Do.	1	4 0				
Do.	3	3 6				
		20 9	1 0	0 6	10	
Cistern floor	1	4 0	2 6	0 6	5	
Do. walls	2	3 $5\frac{1}{4}$	0 6	2 6	9	
Do. do.	1	3 0	0 6	2 3	3	
Total	..	..	..	..	..	1,118
Brick work in superstructure.						
Main rooms outer walls		79 5				
Do. partition	1	12 0				
		91 5	1 $1\frac{1}{2}$	13 0	1,337	
Gables	3	12 0	1 $1\frac{1}{2}$	2 0	81	
Verandah piers	2	2 0	1 $1\frac{1}{2}$	7 0	71	
Do. at ends	2	2 6				
Do. heads	2	2 $4\frac{1}{2}$	1 6	0 6	8	
Do. at ends	2	2 $10\frac{1}{2}$	1 6	0 6		
Verandah ends and partitions	5	6 0	1 $1\frac{1}{2}$	11 0	371	
Back verandah wall	1	27 $8\frac{1}{2}$	1 $1\frac{1}{2}$	8 0	964	
Outer walls of out-houses	..	71 5	1 $1\frac{1}{2}$	8 0		
Fire-place wall	1	8 0	1 $1\frac{1}{2}$	8 0		
Do. gables	3	8 0	1 $1\frac{1}{2}$	1 4	36	
Partitions	2	8 0	0 9	8 0	96	
Gables	2	8 0	0 9	1 4	16	
Latrine seat	1	7 0	0 9	0 9	4	
Walls enclosing yard	2	12 0	0 9	4 3	92	
Screen wall	1	5 0	0 9	4 3		
Do. at door way	1	4 0	0 9	2 0	6	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	No.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Brick work in superstructure—cont.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Coping for enclosure wall	1	12 0	1 $1\frac{1}{2}$	0 9		
Do. do.	1	16 0	1 $1\frac{1}{2}$	0 9	28	
Do. do.	1	5 0	1 $1\frac{1}{2}$	0 9		
Chimney	1	2 0	3 0	2 6	15	
Do.	1	2 0	2 0	1 6	6	
Do.	1	2 6	2 6	0 9	5	
						3,136
Deductions.						
Entrance door	1	4 6	1 $1\frac{1}{2}$	7 0	35	
Doors	3	3 6	1 $1\frac{1}{2}$	7 0	83	
Do.	1	3 6	1 $1\frac{1}{2}$	6 6	61	
Windows	2	3 6	1 $1\frac{1}{2}$	4 6		
Do.	2	3 6	1 $1\frac{1}{2}$	6 0	63	
Do.	1	3 6	1 $1\frac{1}{2}$	4 0		
Do. and verandah openings	3	2 6	1 $1\frac{1}{2}$	3 6	30	
Ventilators	6	2 0	1 $1\frac{1}{2}$	2 0	27	
Opening in back verandah	1	6 0	1 $1\frac{1}{2}$	8 0	54	
Door in wall enclosing yard	1	2 6	0 9	6 0	11	
Do. in out-houses	3	3 0	1 $1\frac{1}{2}$	6 6	66	
Windows in out-houses	1	1 6	1 $1\frac{1}{2}$	4 0	7	
Ventilators in latrine	2	3 0	1 $1\frac{1}{2}$	4 6	30	
Kitchen archway, square portion	1	6 6	1 $1\frac{1}{2}$	1 6	11	
Do. semi-circular do.	1	16 6	Area.	1 $1\frac{1}{2}$	19	
Archwork as per details	..	..	..	..	100	
						597
Total	..	..	..	..	..	2,539
Archwork.						
Over entrance door	1	5 6				
Over doors and windows	7	4 6				
Over windows and verandah openings	3	3 6				
Over out-house doors and latrine openings	4	4 0				
Over kitchen window	1	2 6				
Kitchen arch	1	13 0				
Total	..	79 0	1 $1\frac{1}{2}$	1 $1\frac{1}{2}$	100	
	..	..	..	..	..	100
Earth filling in basement.						
Main rooms	..	23 7	11 $7\frac{1}{2}$	1 6	411	
Do. and back verandah	..	23 7	5 $7\frac{1}{2}$	1 6	199	
Front verandah	..	25 1	5 $7\frac{1}{2}$	1 6	212	
Yard	..	25 10	11 $7\frac{1}{2}$	0 6	150	
Out-houses	..	21 3	7 $7\frac{1}{2}$	1 6	243	
Total	..	..	..	..	..	1,215
Teak wood wrought and put up.						
Ridge beam for large room	1	19 3	0 5	0 9	6	
Do. for small room	1	11 7	0 4	0 7	2	
Pieces under ridge over cross wall	1	4 0	0 $4\frac{1}{2}$	0 8	1	
Do. at gables	2	2 $10\frac{1}{2}$	0 $4\frac{1}{2}$	0 6	1	
Wall plates	2	31 0	0 4	0 3	5	
Rafters for main rooms	42	8 9	0 3	0 4	31	
Front verandah bressummers, including halving over piers	1	31 3	0 5	0 6	9	
Back verandah bressummers, including halving over piers	1	11 6	0 5	0 6		
Back wall plate	1	19 3	0 4	0 3	2	
Rafters	42	11 0	0 3	0 4	39	
Lintels over doors and windows in verandah room	2	5 0	1 0	0 3	3	
Lintels over door in wall	1	4 0	0 8	0 $2\frac{1}{2}$	1	
Out-houses ridge	1	31 0	0 3	0 8	5	
Do. wall plate	1	22 6	0 3	0 3	3	
Do. do.	1	31 0	0 3	0 3		
Do. do. over latrine opening	1	9 0	0 4	0 4	1	
Do. rafters	42	8 0	0 $2\frac{1}{2}$	0 3	18	
Total	..	..	..	..	..	127

Estimate Form—Detail Measurements—*cont.*

Detail of work.	No.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Wrought iron in bolts, &c.		ft. in.	ft. in.	lb.	lb.	lb.
Half-inch diameter bolts for securing ridges ..	7	1 4	9 4	66	6·16	
Half-inch hex nut and heads	7			·128	·89	
Washers, 2½″ diameter, ⅛″ thick	14			·15	2·10	
Total ..	..	..	..	..	..	9·15
Venetian and panel doors.				ft. in.	sq. ft.	sq. ft.
Entrance door	1	4 0	..	6 6	26	
Door opening into back verandah	1	3 0	..	6 6	20	
Do. in verandah room	1	3 0	..	6 0	18	
Total ..	..	..	..	..	..	64
Panel doors	2	3 0	..	6 6	39	
Total ..	..	..	..	..	..	39
Batten doors and windows with single shutters and strap hinges.						
For out-houses	3	2 6	..	6 0	45	
Wall	1	2 0	..	5 6	11	
Window in kitchen	1	1 0	..	3 6	4	
Total ..	..	..	..	..	..	60
Venetian windows with iron bars.						
In front verandah	2	3 0	..	4 0	24	
In ends of building with glass above	2	3 0	..	5 6	33	
In verandah room	1	3 0	..	3 6	11	
Do. single shutters	1	2 0	..	3 0	6	
Total ..	..	..	..	..	..	74
Batten shutters for cistern including frame ..	1	4 0	..	4 6	18	
Total ..	..	..	..	..	..	18
Ventilators consisting of teak frames 2″ × 1″ screwed together with ¾″ mesh galvanized wire-netting between.						
Four in large and two in small rooms	6	2 6	..	2 0	30	
Total ..	..	..	..	..	..	30
Cuddapah slab venetians for latrines	7	4 0	..	1 0	28	
Total ..	..	..	..	..	..	28
Roofing with flat and pan tiles, including teak reepers.						
Main building	1	31 0	..	37 0	1,147	
Out-houses	1	31 0	..	16 9	519	
Total ..	..	..	..	..	..	1,666
Laying concrete for floors 4″ thick consolidated.						
Rooms	..	23 7	..	11 7½	274	
Do.	..	23 7	..	5 7½	} 274	
Yard	..	25 1	..	5 7½		
Out-houses	..	25 10	..	11 7½	300	
	..	21 3	..	7 7½	162	
Total ..	..	..	..	..	..	1,010
Laying Cuddapah slabs for floor, including damp course over plinth.						
Main building including walls	..	28 0	..	29 0	812	
Out-houses walls	..	72 0	..	1 8	120	
Walls in court yards	2	12 0	..	1 3		
Screen wall of latrine	1	5 0	..	1 3		
Steps	3	23 0	..	1 3		
Do.	1	6 6	..	1 3	149	
Do.	1	4 3	..	1 3		
Do.	3	3 6	..	1 3		
Total ..	..	..	..	..	..	1,081

Note.—Doors and windows are taken according to appendix G standard specification.

Estimate Form—Detail Measurements—*cont.*

Detail of work.	No.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Plastering with Portland Cement ½″ thick.		ft. in.	ft. in.	ft. in.	sq. ft.	sq. ft.
Out-houses floor	..	24 0	..	8 0	192	
Cistern inside	1	10 0	..	2 9	28	
Do. floor	1	2 6	..	2 6	6	
Do. sides	2	3 3	..	2 6	16	
Do. rear end	1	4 0	..	2 0	8	
Door pieces	3	3 0	..	0 9	} 18	
Sides of latrine seat	..	15 6	..	0 9	}	
Exterior plinth, main building	..	89 7	..	2 0	179	
Do. in rear	..	25 10	..	1 0	26	
Walls of court-yard, outer	2	12 0	..	2 0	48	
Do. do. inside	2	12 0	..	1 0	24	
Screen wall	1	10 9	..	1 0	11	
Out-houses, inner face	1	25 10	..	1 0	26	
Do. outer and sides	1	49 4	..	2 0	99	
Total ..	..	..	..	..	..	681
Plastering interior, two coats.						
Room, large	1	56 0				
Do. small	1	40 8				
		96 8	..	13 0	1,257	
Do. in rear verandah	1	44 0	..	11 0	484	
Gables	4	12 0	..	2 0	96	
Out-houses, godown and latrine	2	30 6	..	8 0	} 843	
Do. kitchen	..	44 5	..	8 0	}	
Kitchen arch soffits	6	13 6	..	1 1½	15	
Gables	1	8 0	..	1 4	64	
Top of chimney	1	2 6	..	2 0	5	
Coping of court-yard wall	1	35 0	..	2 6	88	
Sides and soffits of doors	3	18 6				
Do. do.	1	17 6				
Do. do.	2	13 0				
Do. windows	2	16 0				
Do. do.	1	19 0				
Do. do.	1	11 6				
Do. do.	6	12 0				
Do. ventilators		6 6				
		216 6	..	0 9	162	
Out-houses doors	3	16 0	..	0 9	36	
Do. windows	1	11 0	..	0 9	8	
						3,058
Deductions.						
Entrance door	1	4 6	..	7 0	} 154	
Doors	5	3 6	..	7 0	}	
Do.	1	3 6	..	6 6	23	
Windows	2	3 6	..	4 6	32	
Do.	2	3 6	..	6 0	42	
Do.	1	3 6	..	4 0	14	
Do.	1	2 6	..	3 6	9	
Do.	8	2 6	..	2 0	40	
Ventilators	3	3 0	..	6 6	59	
Out-houses doors	1	1 6	..	4 0	6	
Window	2	3 0	..	4 6	27	
Latrine ventilators						406
Total ..	..	..	..	..	..	2,652
Pointing exterior.						
Piers in verandah	2	6 3	..	7 6	} 169	
Do. at ends	2	5 0	..	7 6	}	
Front verandah	1	25 5½	..	13 0	331	
Do. ends	2	6 0	..	11 0	132	
Back verandah	1	8 4	..	13 0	108	
Do. at opening	1	4 7	..	7 6	34	
Do. ends	2	6 0	..	11 0	132	
Sides of building, including gable	2	28 6	..	12 0	684	
Back of do.	1	21 8½	..	8 0	174	
Walls of court-yard	2	12 0	..	10 0	240	
Do. above doorway	2	4 0	..	2 6	20	
Screen wall	1	10 9	..	5 0	54	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	No.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Pointing exterior—cont.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	SQ. FT.
Out-houses sides	2	27 8½	..	8 0	443	
Out ends including gables	2	10 3	..	9 9	200	
Latrine ventilators, sides and soffits	1	15 0	..	1 1½	30	
Do. do.	1	12 0	..	1 1½		
Chimney	1	9 0	..	3 0	27	
						2,778
Deductions.						
Doors	1	4 6	..	7 0	56	
Do.	1	3 6	..	7 0		
Do.	1	3 6	..	6 6	23	
Windows	2	3 6	..	4 6	32	
Do.	2	3 6	..	6 0	42	
Do.	1	3 6	..	4 0	14	
Do. and verandah openings	5	2 6	..	3 6	44	
Ventilators	4	2 6	..	2 0	20	
Out-house doors	3	3 0	..	6 6	59	
Do. door in court-yard	2	2 6	..	6 0	30	
Do. window	1	1 6	..	4 0	6	
Do. ventilators in latrine	2	3 0	..	4 6	27	
						353
Total ..	..	..	..	..	..	2,425
Painting doors and windows and exposed wood work in roof, three coats	..	..	..	..	..	800
Wood-oiling roof-timbers, three coats	..	..	..	..	..	1,600
Latrine bucket with handle complete	..	..	..	..	..	No. 1

Estimate form—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	RS.
3,264 c. ft. ..	Excavation for foundation	4 10 0	1,000 c. ft.	15	
2,849 „ ..	Concrete in foundation with broken vitrified bricks	14 0 0	100 „	399	
1,118 „ ..	Brick work in chunam for foundation and basement	19 8 0	100 „	218	
2,539 „ ..	Brick work in chunam for superstructure ..	20 0 0	100 „	507	
100 „ ..	Arch work in chunam	23 8 0	100 „	24	
1,215 „ ..	Earth filling in basement	5 0 0	1,000 „	6	
127 „ ..	Teak wood wrought and put up	3 8 0	c. foot.	445	
9·15 lb. ..	Wrought iron in bolts	0 3 0	lb.	2	
64 sq. ft.	Teak wood panel and venetian doors with frames and all fastenings complete	1 1 0	sq. foot.	68	
39 „ ..	Do. panel doors	0 14 0	Do.	34	
60 „ ..	Do. batten doors with single shutters and strap hinges including frames ..	0 15 0	Do.	56	
74 „ ..	Venetian windows with iron bars and frames complete	1 12 0	Do.	130	
30 „ ..	Ventilator frames with ¾″ mesh galvanized iron wire-netting	0 6 0	Do.	11	
18 „ ..	Shutter for latrine cistern with frames complete ..	1 14 0	Do.	34	
28 „ ..	Cuddapah slab ventilators for latrine ..	0 3 0	Do.	5	
1,666 „ ..	Roofing with flat and pan tiles, including 2″ × ½″ teak reepers	14 0 0	100 sq. ft.	233	
1,010 „ ..	Laying concrete for floor 4″ thick	5 0 0	100 „	51	
1,081 „ ..	Cuddapah slabs for floor	17 0 0	100 „	184	
681 „ ..	Plastering with Portland cement ½″ thick ..	6 8 0	100 „	44	
2,652 „ ..	Plastering with chunam, two coats	2 8 0	100 „	66	
2,425 „ ..	Pointing exterior	3 0 0	100 „	73	
800 „ ..	Painting doors and windows, &c., with three coats oak-paint	2 12 0	100 „	22	
1,600 „ ..	Wood-oiling roof-timbers, three coats	0 15 0	100 „	15	
1 in number.	Bucket with handle complete	12 0 0	each	12	
					2,654
	Petty supervision at 2½ per cent.	..	..	65	
	Contingencies at 5 per cent.	..	..	131	
					196
			Grand total of estimate ..		2,850

No. 138 D.

Forwarded to the Public Department for the approval of Government with reference to G.O., dated 9th March 1895, No. 178, Public.

2. The papers received with Public endorsement, No. 647, dated 25th March 1895, are herewith returned.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

10th May 1895.

Order—dated 26th June 1895, No. 528, Public.

The standard plan for quarters for civil hospital assistants and the estimate of cost are approved.

2. In regard to the site for quarters for the hospital assistants attached to the General Hospital, it is observed that in paragraph 3 of his No. 636 of the 3rd December last, the Surgeon-General strongly recommends that the hospital assistants' quarters should be built near Adam's Park and the site at first proposed for them be utilized for quarters for the head steward, who should, in the interests of the institution, live near the hospital.

3. The Government desires to impress on the Surgeon-General and the Consulting Architect that the open piece of ground they propose to cut up is a very valuable site, and that if devoted to building purposes it is essential that the greatest possible use should be made of it,—in other words, that as little of the available space as possible should be taken up by the quarters to be erected on it. It is possible there may be other subordinates of the hospital whose duties require their residence in the vicinity of that institution and for whom it is desirable that quarters should be provided. The Surgeon-General will reconsider his proposals and submit a complete scheme.

4. From the site plan furnished by the Consulting Architect it appears that he proposed three detached quarters for hospital assistants with a broad space between their northern limits and the private houses, &c., already existing. This would result in waste of valuable land, and the open space would inevitably become a latrine and dust-heap. In any plan for utilizing the site in question provision should be made for including its whole width unless the municipality are willing to make and maintain in proper order a lane between the quarters and the private houses to the north of them. Such a lane would be useful for conservancy purposes. The Consulting Architect will communicate with the municipal authorities on the point before preparing any further plans.

5. It seems to Government that it would be possible to throw all the quarters required into a single block of three or four stories of an elevation suited to the position. The area of site should be economised as far as possible. In this connection it is observed that the frontage allowed for the hospital assistants' quarters on the site plan appears to be excessive; it might apparently be reduced to 18 feet.

(True Extract.)

(Signed) C. G. TODHUNTER,
for Chief Secretary.

Order—dated 19th July 1895, No. 1796 W., Public Works.

Communicated to the Consulting Architect for information and guidance.

2. The standard plan of quarters for civil hospital assistants with descriptive specification and schedule of quantities will be circulated to officers of the department for information and guidance.

(True Extract.)

Under Secy. to Govt., P.W.D.

To Superintending Engineers.
„ the Consulting Architect to Government.
„ the Public Department.
„ the Local and Municipal Department.

Exd. T. K. Narayana Aiyangar.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1895} Madras.

PUBLIC WORKS.

Dated July, 19th.

Recd. *Encl.*

G.O., 19th July 1895, No. 1796 W.

JULY.

Standard plan

The — of quarters for civil hospital assistants with descriptive specification and schedule of quantities, circulated to officers of the department for information and guidance; and certain remarks in the Public Department regarding the site for quarters for the hospital assistants attached to the General Hospital, communicated to the Consulting Architect.

Standard design for quarters for Hospital assistants in Civil Employ, with tiled roofing according to drawing signed by the Consulting Architect on 10th April 1895.

1

Descriptive Specification.

Foundation — A depth of 4 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil

Walling — The walls should be commenced in English bond according to the various thicknesses shown on the drawing, 1 brick & 1½ bricks thick.

Woodwork — The doors & windows and roof timbers below of well seasoned Burmah teak, the rafters and minor roof timbers may be of approved country wood, proof against white ants.

Roofing — The roof will be covered with flat & pan tiles. If mangalore tiles are used the rafters may be spaced about 2-6 centre to centre and the three rooms ceiled with ½" teak planking screwed to the bottom of rafters and overlapping 1 inch at joints

Flooring — To consist of a bed of concrete 4 inches thick. The rooms & verandahs of the main building will be paved with Cuddapah slabs

8 inch square bricks and the out building is plastered with portland cement ½ inch thick. Cuddapah slabs will be laid on the walls at basement level, as a damp course. Where the soil is damp the space beneath the floor should be filled with river sand.

Interior & Exterior finishing — The interior walls will be plastered & polished or plastered and white washed. Where good bricks or stone is available the exterior should be pointed. The doors and windows & exposed woodwork of roof to be painted with 3 coats oak-paint and the roof timbers stained with 3 coats wood-oil.

Henry Irwin

Consulting Architect to Govt.

On E.3
~~2976~~ 5363 / 55

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Excavation for foundation						
Outer walls of main rooms		79.5				
Partitions	1	10.1½				
Verandah & Verandah rooms	2	37.10				
do partitions	1	4.1½				
Outer walls of out houses		71.5				
		240.9	3.0	4.0	2889	
Do partitions	2	6.1½				
Walls enclosing yard	2	10.1½				
Screen wall	1	5.0				
		37.6	2.0	4.0	300	
Sides of fire place in Kitchen	2	0.9	1.9	4.0	11	
Entrance Steps	1	22.9	3.0	0.6	34	
Cistern	1	3.0	5.0	2.0	30	
			Total Cub ft.			3264
Concrete						
Outer walls of main room		79.5				
Partitions		10.1½				
Verandah & Verandah rooms	2	37.10				
Do partition	〃	4.1½				
Outer walls of out houses		71.5				
		240.9	3.0	3.6	2528	
Do partitions	2	6.1½				
Walls enclosing yard	2	10.1½				
Screen wall	1	5.0				
		37.6	2.0	3.6	263	
Carried Over					2791	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					2791	
Sides of fire place in Kitchen	2	0 9	1 9	3 6	9	
Entrance Steps	1	22 9	3 0	0 6	34	
Cistern	1	3 0	6 0	1 0	15	
			Total Cubic ft.			2849
Brick work in foundations and basement						
Outer walls of main rooms		195				
Partition Do	1	11 7½				
Verandah & Verandah rooms	2	39 4				
Do partition	1	5 7½				
Outer walls of out houses		71 6				
		246	1 6	2 6	926	
Partitions do	2	7 7½	1 1½	2 6	43	
Walls inclosing yard	2	11 7½				
Screen wall	1	5 0				
		28 2	1 1½	1 6	48	
Sides of fire place in Kitchen	2	0 9	1 9	2 6	7	
Entrance Steps		22 9	3 0	1 0	68	
Steps in yard	1	6 3				
do	1	4 0				
do	3	3 6				
		20 9	1 0	0 6	10	
Cistern floor	1	4 0	2 6	0 6	5	
Do walls	2	3 3	0 6	2 6	8	
Do Do	1	2 6	0 6	2 3	3	
Total Cubic feet						1117

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brick work in Superstructure						
Main rooms outer walls		795				
do partition	1	12 0				
		91 5	1 1½	13 0	1357	
Gables	3	12 0	1 1½	2 0	81	
Verandah piers	2	2 0				
do at ends	2	2 6	1 1½	7 0	71	
do heads	2	2 11	1 6	0 6	8	
do at ends	2	2 8½	1 6	0 6		
Verandah ends & partitions	5	6 0	1 1½	11 0	371	
Back Verandah wall	1	27 8½	1 1½	6 0		
Outer walls of out houses		71 5	1 1½	8 0	964	
Fire place walls	1	8 0	1 1½	8 0		
do Gables	3	8 0	1 1½	1 4	36	
Partitions	2	8 0	0 9	8 0	96	
Gables	2	8 0	0 9	1 4	16	
Latrine Seat	1	7 0	0 9	0 9	4	
Walls inclosing yard	2	12 0	0 9	4 3		
Screen wall	1	5 0	0 9	4 3	92	
do at doorway	1	4 0	0 9	2 0	6	
Coping for enclosure wall	1	12 0	1 1½	0 9		
do do	1	16 0	1 1½	0 9	28	
do do	1	5 0	1 1½	0 9		
Chimney	1	2 0	3 0	2 6	15	
do	1	2 0	2 0	1 6	6	
do	1	2 6	2 6	0 9	5	
						3132
Deductions.						
Entrance door	1	4 6	1 1½	7 0	35	
Carried Over					35	3132

4

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					35	~~3132~~ 3136
Doors.	3	3. 6	1. 1½	7. 0	83	
do	1	3. 6	1. 1½	6. 6	} 61	
Windows	2	3. 6	1. 1½	4. 6		
do	2	3. 6	1. 1½	6. 0	} 63	
do	1	3. 6	1. 1½	4. 0		
do & Verandah openings.	3	2. 6	1. 1½	3. 6	30	
Ventilators	6	2. 0	1. 1½	2. 0	27	
Opening in back Verandah	1	6. 0	1. 1½	8. 0	54	
Door in wall enclosing yard	1	2. 6	0. 9	6. 0	11	
do in out houses.	3	3. 0	1. 1½	6. 6	66	
Windows do	1	1. 6	1. 1½	4. 0	7	
Ventilators in Latrine	2	3. 0	1. 1½	4. 6	30	
Kitchen archway, Square portion	1	6. 6	1. 1½	1. 6	11	
do. Semicircular do	1	16. 6	arial	1. 1½	19	
Archwork as per details	"	"	"	"	100	597
					Total Cft	~~2535~~ 2539
Archwork						
Over Entrance door.	1	5. 6				
Do doors and windows	7	4. 6				
Do Windows & Verandah Openings	3	3. 6				
Do Out houses Doors & Latrine openings	4	4. 0				
Do Kitchen window	1	2. 6				
Kitchen arch	1	13. 0				
		79. 0	1. 1½	1. 1½	100	100 Cft.

4

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Earth filling in basement.						
Rooms.		~~24. 0~~ 23. 7	11. 7½	1. 6	~~419~~ 411	
Do & back Verandah.		~~24. 0~~ 23. 1	5. 7½	1. 6	~~202~~ 199	
Front Verandah.		25. 1	5. 7½	1. 6	212	
Yard		25. 10	11. 7½	0. 6	150	
Outhouses.		21. 3	7. 7½	1. 6	243	
					Cubic ft	~~1226~~ 1215
Teak wood wrought & put up.						
Ridge beam for large room	1	19. 3	0. 6	0. 9	6	
do Small room.	1	11. 7	0. 4	0. 7	2	
Pieces under ridge over cross wall	1	4. 0	0. 4½	0. 8	1	
do at gables	2	2. 10½	0. 4½	0. 6	1	
Wall plates.	2	31. 0	0. 4	0. 3	5	
Rafters for main rooms	42	8. 9	0. 3	0. 4	31	
Front Verandah Bressummers including bahing overpieces	1	31. 3	0. 5	0. 6	} 9	
Back Verandah Do.	1	11. 6	0. 5	0. 6		
Do wall plate.	1	19. 3	0. 4	0. 3	2	
Rafters.	42	11. 0	0. 3	0. 4	39	
Lintels over doors and windows in Verandah room	2	5. 0	1. 0	0. 3	3	
do Over door in wall.	1	4. 0	0. 8	0. 2½	1	
Out houses Ridge	1	31. 0	0. 3	0. 8	5	
do Wall plate.	1	22. 6	0. 3	0. 3	} 3	
do do	1	31. 0	0. 3	0. 3		
do do over Latrine opening	1	9. 0	0. 4	0. 4	1	
do Rafters.	42	8. 0	0. 2½	0. 3	18	
					Total Cub ft	127

22-1-1

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Wrought Iron in bolts &c						
½" Diameter bolts for securing redgeo	2/3 7	1 4 = 9.4	x .66		6.16	
½" Hex nut & head do.	7		x .128		.89	
Washers 2½" Dr ⅛" thick.	14			.15	2.10	
				Total lbs		9.15 lbs
Venetian & panel doors.						
Entrance door	1	4. 0		6. 6	26	
Door opening into Back Verandah	1	3. 0		6. 6	20	
Do in Verandah room	1	3. 0		6. 0	18	
				Total Sqft	64	
Panelled doors	2	3. 0		6. 6	39	39 Sqft.
Batten doors with single Shutters & Strap hinges.						
For Outhouses.	3	2. 6		6. 0	45	
Wall.	1	2. 0		5. 6	11	
Window in Kitchen	1	1. 0		3. 6	4	
				Total Sq ft	56	60
Venetian windows with iron bars						
In front Verandah	2	3. 0		4. 0	24	
In ends of building with glass above	2	3. 0		5. 6	33	
In Verandah room	1	3. 0		3. 6	11	
do. Single Shutters	1	2. 0		3. 0	6.	
				Total Square ft		74.

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Note. Doors and windows are taken according to appendix G. Standard Specification						
Batten Shutters for cistern including frame	1	4. 0	4	6	18	Sqft.
Ventilators consisting of teak frames 2"x1" screwed together with 3/4" mesh. galvanized wire netting between Four in large & two in small rooms	6	2. 6	2. 0		30	
				Total Sq ft.	30	
Cuddapah Slab venetians for Latrines	7	4. 0	1. 0		28	Sqft.
Roofing with flat asbestos tiles including teak rafters.						
Main building	1	31. 0	37. 0		1147	
Outhouses.	1	31. 0	16. 9		519	
				Total Sq ft	1666	
Laying concrete for floor 4" thick consolidated						
Rooms		23. 7	11. 7½		274	
do		24. 0			279	
		23. 7	5. 7½		274	
		24. 0			276	
		25. 1	5. 7½			
				6 Doors	555	548

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					~~548~~ ~~555~~	
Yards						
Out houses		25·10	11·7½		300	
		21·3	7·7½		162	
					Total Sq ft	1010 1017
Laying Cuddapah Slabs for floor including damp course over plinth.						
Main building including walls		28·0	29·0		812	
Out houses walls		72·0	1·8		120	
Walls in Court yard	2	12·0	1·3			
do Screen wall of latrine	1	5·0	1·3			
Steps	3	23·0	1·3		149	
do	1	6·6	1·3			
do	1	4·3	1·3			
do	3	2·6	1·3			
					Total Sq feet	1081
Plastering with Portland Cement ½" thick.						
Out houses floor		24·0	8·0		192	
cistern inside	1	10·0	2·9		28	
Do floor	1	2·6	2·6		6	
Do Sides	2	3·8	2·6		16	
Do rear end	1	4·0	2·0		8	
Dwarf pieces	3	3·0	·9		18	
Sides of latrine seat		15·6	·9			
Exterior plinth Main building		89·7	2·0		179	
do in rear		25·10	1·0		26	
				Carried Over	465 ~~473~~	

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					~~473~~ ~~465~~	
Walls of court yard outer	2	12·0		2·0	48	
do do inside	2	12·0		1·0	24	
do Screen wall	1	10·9		1·0	11	
Out houses inner face	1	25·10		1·0	26	
do outer & sides	4	49·4		2·0	99	
		Total Square feet			~~673~~ 581	
Plastering interior 2 Coats.						
Room Large	1	56·0				
do Small	1	40·8				
		96·8		13·0	1257	
do in rear Verandah	1	44·0		11·0	484	
Gables	4	12·0		2·0	96	
Out houses godown & latrine	2	30·6		8·0		
do Kitchen	4	44·5		8·0	843	
Kitchen arch Soffits	4	13·6		1 1/2	15	
Gables	6	8·0		1·4	64	
Top of chimney	1	2·6		2·0	5	
Coping of court yard wall	1	35·0		2·6	88	
Sides & Soffits of doors	1	18·6				
do	3	17·6				
do	1	13·0				
do windows	2	16·0				
do	2	19·0				
do	1	11·6				
do	1	12·0				
do Ventilators	6	6·6				
		216·6		0·9	162 ~~194~~	
				Carried Over	3014 ~~2926~~	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					3014 2926	
Outhouses doors	3	16·0		0·9	36	
Windows	1	11·0		0·9	8	3058 2970
Deductions						
Entrance door	1	4·6		7·0	154	
Doors	5	4 3·6		7·0	130	
do	1	3·6		6·6	23	
Windows	2	3·6		4·6	32	
do	2	3·6		6·0	42	
do	1	3·6		4·0	14	
Ventilators 1×2·6×3·6=9	1	2·6		3·6	9	
	8	2·6		2·0	40	
Outhouses doors	3	3·0		6·6	59	
Window	1	1·6		4·0	6	
Latrine Ventilators	2	3·0		4·6	27	406 373
					Total Sq ft	2597 2652
Painting Interior.						
Doors in Verandah	2	6·3		7·6		
do at ends	2	5·0		7·6	169	
Front Verandah	1	25·57/2		13·0	331	
do Ends	2	6·0		11·0	132	
Back Verandah	1	8·4		13·0	108	
do at opening	1	4·7		7·6	34	
do Ends	2	6·0		11·0	132	
Sides of building including Gable	2	28·6		12·0	684	
Back of do	1	21·87/2		8·0	174	
				Carried Over	1764	

P. W. D. Form, No. M 204.

7

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					1764	
Walls of Court yard	2	12·0		10·0	240	
do above doorway	2	4·0		2·6	20	
do Screen wall	1	10·9		5·0	54	
Out houses sides	2	27 8/12		8·0	443	
do ends including gables	2	10·3		9·9	200	
Latrine Ventilators sides & soffit	1	15·0		1·1½	30	
do	1	12·0		1·1½		
Chimney	1	9·0		3·6	27	2826 2778
Deductions						
Doors	1	4·6		7·0	56	
do	1	3·6		7·0		
do	1	3·6		6·6	23	
Windows	2	3·6		4·6	32	
do	2	3·6		6·0	42	
do	1	3·6		4·0	14	
do & Verandah openings	6	2·6		3·6	44	
Ventilators	4	2·6		2·0	20	
Outhouse doors	3	3·0		6·6	59	
do do door in Court yard	2	2·6		6·0	30	
do window	1	1·6		4·0	16	
do Ventilators in latrine	2	3·0		4·6	27	353 327
				Total Sq ft	2499	2425
Painting doors and windows and exposed woodwork in verg.	3	Coats.			800	Sq ft.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Wood-oiling roof timbers 3 Coats.					1600	Sq. ft.
Latrine Bucket with handle Complete					1	No.

Dw 53
~~22·26~~/55
5363

189 .. Dept. Enclos. No. C. No.

ESTIMATE FORM.—Abstract.

Quantity.		Description of Work.	Rate.	Per	Amount	Total.
1		2	3	4	5	6
			RS.		RS.	RS.
3264	Cft.	Excavation for foundation	4·10·0	1000 cft.	15	
2849	"	Concrete in do with broken vitrified bricks	14·0·0	100 cft.	399	
1118 ~~1117~~	"	Brick work in chunam for foundation & basement	19·8·0	"	218	
2535	"	Brick work in chunam for Superstructure.	20·0·0	"	507	
100	"	Archwork in chunam	23·8·0	"	24	
1215 ~~1224~~	"	Earth filling in basement.	5·0·0	1000 cft.	6	
127	"	Teak wood wrought & put up	3·8·0	cft	445	
9·15	lbs. "	Wrought Iron in bolts.	0·3·0	lb.	2	
64	Sqft.	Teak wood panel & Venetian doors with frames and all fastenings complete.	1·1·0	Sqft.	68	
39	"	Do Panel doors	0·14·0	"	34	
60 ~~56~~	"	Do Batten doors with single shutters & Strap hinges including frames.	0·15·0	"	56 ~~53~~	
74	"	Venetian windows with Iron bars & frames Complete	1·12·0	"	130	
30	"	Ventilator frames with 3/4 mesh galvanized iron wire netting	0·6·0	"	11	
		Carried over			1915 ~~1912~~	
		Grand Total of Estimate ..				

3#

Station ——————
Date —————— 189 .

Executive Engineer.

(E. No. 123)

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

9

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forwards.			1915 1912	
18 Sqft	Shutter for Latrine cistern with frames complete.	1-14-0	Sqft.	34	
28 "	Cuddapah Slabs ventilators for Latrine	0-3-0	"	5	
1666 "	Roofing with flat & pan tiles including 2"+1½" teak Battens	14-0-0	100sft.	233	
1010 1017 "	Laying concrete for floors 6" thick	5-0-0	100sft	51	
1081 "	Cuddapah Slabs for floor	17-0-0	"	184	
681 673 "	Plastering with Portland cement ½" thick.	6-8-0	"	44	
2652 ~~2677~~ "	Plastering with chunam two coats.	2-8-0	"	66 65	
2425 ~~2499~~ "	Pointing Interior	3-0-0	"	73 ~~75~~	
800 "	Painting doors and windows &c with 3 Coats Oil & paint	2-12-0	"	22	
1600 "	Wood oiling roof timbers 3 Coats.	0-15-0	"	15	
1 in 10.	Bucket with handle complete	12/-	Each	12	
				2654 ~~2652~~	
	Petty Supervision @ 2½%			65 ~~66~~	
	Contingencies @ 5%			131 ~~132~~	196 ~~198~~
7	~~4237~~	6	6	5	5
				Grand Total of Estimate ..	2,850

STATION Chepauk

Date 10th April 1895.

Jenny Irwin
Consulting Architect
~~Executive Engineer.~~
to Government

Note. Rates according to Madras Schedule.

(E. No. 123)

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

G.O. 26th June 1895, No. 528, Public. 25-7-95

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

READ—again the following papers :—

G.O., dated 2nd January 1895, No. 2, Public.

Read—the following letter from Surgeon-Major-General C. SIBTHORPE, F.R.C.P.I., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Madras, 3rd December 1894, No. 636 :—

With reference to G.O., No. 578, Public, dated the 7th August 1894, conveying the sanction of the Government of India to civil hospital assistants holding authorized appointments being provided with free quarters or compensation in lieu, I have the honour to forward the enclosed correspondence received from the Senior Medical Officer, General Hospital, and to request that Government will be pleased to instruct the Consulting Architect to prepare the necessary plans and estimates for building quarters for the three hospital assistants attached to the institution, and to accord permission to the vacant ground opposite to the General Hospital, which the Deputy Collector of Madras reports is the property of Government, being utilized for the purpose.

2. It is, in my opinion, most desirable that the hospital assistants should be provided with quarters near the hospital. This will add to the efficiency of the compounding department of the institution and save the house-rent which will have otherwise to be granted under the Government Order quoted above.

3. A tracing by the Consulting Architect showing the position of the proposed quarters is enclosed. I strongly recommend the suggestion of the Senior Medical Officer that the position of these quarters be carried more to the west near the Adam's Park and the site now marked for them be utilized for quarters for the head steward, who should, in the interests of the institution, live near the hospital.

Order—dated 2nd January 1895, No. 2, Public.

Ordered to lie over pending the result of the negociations at present proceeding in connection with a new Women and Children's Hospital.

(True Extract.)

(Signed) E. GIBSON,
Ag. Chief Secretary.

To the Surgeon-General.

G.O., dated 9th March 1895, No. 178, Public.

Read—the following papers :—

From the Public Works Department, dated 16th January 1895, No. 148-C.

ABSTRACT.—Referring to the Public Department, with reference to the orders in that department, dated 14th November 1894, No. 865, a letter from the Consulting Architect to Government, submitting plans for quarters of the Military hospital assistant class as also of the quarters erected for the hospital assistants attached to the Madras Penitentiary.

From the Surgeon-General, dated 21st February 1895, No. 182.

ABSTRACT.—Stating that he approves of the design of the quarters for the hospital assistants attached to the Madras Penitentiary, but that the measurements of the rooms should correspond with those prescribed in G.O., dated 14th November 1894, No. 865, Public.

Order—dated 9th March 1895, No. 178, Public.

The Consulting Architect will be requested to prepare a plan of quarters of the same design as those for the hospital assistants attached to the Penitentiary, but with rooms of the size prescribed in paragraph 3 of G.O., dated 14th November 1894, No. 865, Public.

(True Extract.)

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

To the Public Works Department.
„ Surgeon-General.

Read—also the following papers:—

From Surgeon-Major-General C. SIBTHORPE, F.R.C.P.I, Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Madras, 18th March 1895, No. 289.

With reference to paragraph 6 of G.O., No. 865, Public, dated the 14th November 1894, I have the honour to forward the enclosed letter from the Consulting Architect to Government and to request that sanction may be accorded to his preparing plans and estimates for the construction of quarters for the hospital assistants attached to the Presidency State hospitals, &c., referred to by him, with the exception of the Women and Children's Hospital which is under orders to be amalgamated with the General Hospital, Madras.

2. As regards quarters for the hospital assistants attached to the Lying-in hospital, I have already addressed Government on the subject—*vide* my letter, No. 166, dated the 16th February 1895.

3. With reference to paragraph 2 of the Consulting Architect's letter the papers and plans were referred to me with your endorsement, No. 96, of 19th January 1895, and replied to in my letter, No. 182, dated the 21st February 1895. I trust that the recommendations therein made will meet with the approval of Government.

4. As regards the concluding part of Mr. Irwin's letter, Government has, in G.O., No. 2, Public, of the 2nd January 1895, ordered the matter to lie over. It is hoped that early orders will now be passed on the subject.

ENCLOSURE.

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Surgeon-General with the Government of Madras, dated Chepauk, 8th March 1895, No. 3697.

In reply to your letter. No. 2003, dated the 6th instant, I have the honour to state that G.O., No. 865, Public, dated 14th November 1894, communicated to this office with G.O., No. 3047 W., Public Works Department, dated 27th November 1894, directed me to prepare a standard design for civil hospital assistants' quarters.

2. In my letter, No. 2912, dated 10th January 1895, to the Chief Engineer, I submitted the standard plan of military hospital assistants' quarters as well as a plan of the quarters constructed for the hospital assistants attached to the Madras Penitentiary and suggested that a plan may be drawn up on the lines of the latter. Orders on the same have not yet been received.

3. I find that the following quarters are required to be constructed at Madras and request that you will be so good as to obtain the sanction of Government for the preparation of the necessary plans and estimates:—

Quarters for three hospital assistants attached to the General Hospital.

Do.	two	do.	do.	Lying-in Hospital.
Do.	two	do.	do.	Ophthalmic Hospital.
Do.	two	do.	do.	Women and Children's Hospital.
Do.	one	do.	do.	Civil Jail.

In my letter, No. 2252, dated 30th October 1894, I addressed the Senior Medical Officer about the site opposite the General Hospital for the hospital assistants' quarters. I have not yet received any orders on the subject.

No. 647.

Forwarded to the Public Works Department with the request that the plan called for in G.O., dated 9th March 1895, No. 178, may be furnished as soon as possible.

FORT ST. GEORGE,
25*th March* 1895.

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

No. 1353-C.

Forwarded to the Consulting Architect with the request that the plan called for in G.O., No. 661 W., dated 19th March 1895, may be expedited.

29*th March* 1895.

(Signed) J. PENNYCUICK, Col., R.E.,
Secretary to Government, P.W.D.

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepauk, 10th April 1895, No. 174.

With reference to G.O., No. 661 W., dated the 19th March 1895, I have the honour to submit a standard plan of quarters for hospital assistants in civil employ with descriptive specification and schedule of quantities.

No. 138-D.

Forwarded to the Public Department for the approval of Government with reference to G.O., dated 9th March 1895, No. 178, Public.

2. The papers received with Public endorsement, No. 647, dated 25th March 1895, are herewith returned.

10*th May* 1895.

(Signed) J. PENNYCUICK, Col., R.E.,
Secretary to Government, P.W.D.

ORDER—dated 26th June 1895, No. 528, Public.

The standard plan for quarters for civil hospital assistants and the estimate of cost are approved.

2. In regard to the site for quarters for the hospital assistants attached to the General Hospital, it is observed that in paragraph 3 of his No. 636, of the 3rd December last, the Surgeon-General strongly recommends that the hospital assistants' quarters should be built near Adam's Park and the site at first proposed for them be utilised for quarters for the head steward, who should, in the interests of the institution, live near the hospital.

3. The Government desires to impress on the Surgeon-General and the Consulting Architect that the open piece of ground they propose to cut up is a very valuable site and that if devoted to building purposes it is essential that the greatest possible use should be made of it,—in other words, that as little of the available space as possible should be taken up by the quarters to be erected on it. It is possible there may be other subordinates of the hospital whose duties require their residence in the vicinity of that institution and for whom it is desirable that quarters should be provided. The Surgeon-General will reconsider his proposals and submit a complete scheme.

4. From the site plan furnished by the Consulting Architect it appears that he proposed three detached quarters for hospital assistants with a broad space between their northern limits and the private houses, &c., already existing. This would result in waste of valuable land, and the open space would inevitably become a latrine and dust-heap. In any plan for utilising the site in question provision should be made for including its whole width unless the municipality are willing to make and maintain in proper order a lane between the quarters and the private houses to the north of them. Such a lane would be useful for conservancy purposes. The Consulting Architect will communicate with the municipal authorities on the point before preparing any further plans.

5. It seems to Government that it would be possible to throw all the quarters required into a single block of three or four stories of an elevation suited to the position. The area of site should be economised as far as possible. In this connection it is observed that the frontage allowed for the hospital assistants' quarters on the site plan appears to be excessive; it might apparently be reduced to eighteen feet.

(True Extract.)

C. Todhunter
for Chief Secretary.
9.VII.95.

To the Public Works Department.
" Surgeon-General. with Estimate & plan

Exd. A. Raitt.

P. W. CURRENT No. 5343

Govt. of {1895} Madras.

PUBLIC.

105.C

Enclos 4 (1 plan)

B&R Civil works

Recd: 12.7.95

No 1796 W of 19th July 1895

A

Communicated to the Consg: Architect for information and guidance.

2 The Standard plan of quarters for civil hospital assistants with descriptive Specification and Schedule of quantities will be circulated to officers of the dept for information and guidance.

Issued

Recd. Encl.

G.O., 26th June 1895, No. 528.

JUNE.

T X

147

DESPATCHED 19 SEP. 95

Supdg: Engrs
C.A. to Govt
Public dept
L & M. dept

(CJ to arrange for lithographing the plan)

O.L.S. 224
R 19/7

Quarters for Civil Hospital Assistants.

Approving the standard plan and the estimate of cost for —, and requesting the Surgeon-General to reconsider his proposals regarding the site for quarters for the hospital assistants attached to the General Hospital and submit a complete scheme.

2-7-16 RI ✓

5343

Govt. of 1895 Madras.

PUBLIC WORKS

Dated

Recd. Encl.

G.O. 19/7/ 1895. No. 1796 W.

Standard plan

— of quarters for civil
pital assistants with
criptive specification and
edule of quantities, Cir-
ated to officers of the
Dt for information and
dance and certain remarks
the Public Dept regarding
site for quarters for the
spital assistants attached
General Hospital, Com[municated]
the Consg. Architect

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INDEXED

Rd 24/7

O.L.S. 224