

Gobt. of {1891} Madras.
PUBLIC.

No 255 W D 27. Jan'y 1891

Communicated
to officers of the O.V. Dept.
for information in
Continuation of G.O.
No. 957 W D 22nd March
1890.

16/1/91

Issued

Recd.

Encl.

G.O., 10th January 1891, No. 29.

B No 255 W D 27-1-91

JANUARY.

Military Pensioners.

Communicating to all heads of departments, with remarks, endorsement in the Military Department on letter from the Adjutant-General forwarding report from the Superintendent of Pensions regarding the employment of — in civil capacities for the period between October 1889 and March 1890.

C. G. for S.
C. G. for Rys.
S. G. W. O. D. G. S.
C. G. to G. S.
G. S. O. W. A
G. S. Rys. A

With order

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated August, 6th.

Recd.

Encl.

G.O., 6th Aug. 1890, No. 2136 W.

AUGUST.

Taluk Office at Kudligi, Bellary
District

Revised estimate, amounting to Rs. 26,225,
for constructing a first-class —, sanctioned.

SUB-JUDGE OR DISTRICT MUNSIF'S COURT-HOUSE.

DESCRIPTIVE SPECIFICATION.

Foundation.—A depth of 5 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil.

Brickwork.—The walls should be carried up in English bond-walls of central portion being $2\frac{1}{2}$ bricks thick, ends 2 bricks thick, partitions $1\frac{1}{2}$ bricks thick, verandah retaining walls 1 brick thick, except under posts, which will be half a brick thicker.

Where good bricks are obtainable the exterior of the building should be pointed.

Woodwork.—The verandah posts, trusses, doors and windows should be of teakwood, the rafters and other minor roof timbers may be of approved country wood.

Tiled roofing.—The roof will be covered with flat and pantiles; if the quality of these are good the usual unsightly "chunam bands" might be dispensed with.

All valleys should be protected with sheet lead.

Stonework.—Stone slabs $12'' \times 12'' \times 6''$ with mortice holes 2 inches square and 2 inches deep cut into them into which the verandah posts will rest. Slabs will also be placed under the bearings of trusses. The steps may also be of stone if procurable without great expense.

Flooring.—The floor may be of square bricks or stone slabs if the latter are easily procurable.

Interior finishing.—The interior will be fine plastered with shell lime or plastered and washed.

Finials.—The finials may be of copper, iron or wood.

The different kinds of work to be done will be executed in conformity with the standard specification of the Public Works Department.

(Signed) J. W. BRASSINGTON,
Offg Consulting Architect to Government.

ESTIMATE FORM—Detail Measurements.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
EXCAVATION FOR FOUNDATIONS.						
<i>Court-house, record and property room.</i>						
Outer walls	...	151 3	4 10 $\frac{1}{2}$	5 0	} 4,052	
Partition	1	15 0	4 10 $\frac{1}{2}$	5 0		
Do.	1	19 0	4 1 $\frac{1}{2}$	5 0		392
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	99 6	4 6	5 0		4,478
Partitions	3	12 0	4 1 $\frac{1}{2}$	5 0		743
Verandah	...	261 9	3 9	5 0		4,908
Extra for posts	28	4 0	0 3	5 0	} 146	
Do. at corners	8	0 3	0 3	5 0		
Do. next to walls	4	0 9	0 3	5 0		
Steps	1	14 0	3 0	1 6	} 252	
Do.	4	10 6	3 0	1 6		
Total, Cubic Feet ...	...	...	...	...	...	14,971
CONCRETE.						
<i>Court-house, record and property room.</i>						
Outer walls	...	151 3	4 10 $\frac{1}{2}$	1 6	} 1,216	
Partition	1	15 0	4 10 $\frac{1}{2}$	1 6		
Do.	1	19 0	4 1 $\frac{1}{2}$	1 6		118

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	99 6	4 6	1 6	1,343	
Partitions	3	12 0	4 1 $\frac{1}{2}$	1 6	223	
Verandah	...	261 9	3 9	1 6	1,472	
Extra for posts	28	4 0	0 3	1 6	44	
Do. at corners	8	0 3	0 3	1 6		
Do. next to walls	4	0 9	0 3	1 6		
Steps	1	14 0	3 0	1 6	252	
Do.	4	10 6	3 0	1 6		
Total, Cubic Feet ...	...	...	...	...	...	4,668
BRICKWORK IN FOUNDATIONS.						
<i>Footings.</i>						
Court-house, record and property room.						
Outer walls	...	151 3	2 10 $\frac{1}{2}$	1 6	726	
Partitions	1	17 0	2 10 $\frac{1}{2}$	1 6		
Do.	1	21 0	2 1 $\frac{1}{2}$	1 6	67	
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	101 6	2 6	1 6	919	
Partitions	3	14 0	2 6	1 6		
Verandah	...	267 9	1 9	1 6	703	
Extra for posts	28	2 0	0 3	1 6	23	
Do. at corners	8	0 3	0 3	1 6		
Do. next to walls	4	0 9	0 3	1 6		
<i>Above footings to ground level.</i>						
Court-house, record and property room.						
Outer walls	...	151 3	1 10 $\frac{1}{2}$	2 0	567	
Extra thickness for plinth in rear wall and ends	...	43 0	0 3	2 0	22	
Partition	1	18 0	1 10 $\frac{1}{2}$	2 0	68	
Do.	1	22 0	1 1 $\frac{1}{2}$	2 0	50	
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>						
Outer walls	2	102 6	1 6	2 0	615	
Extra thickness for plinth at ends ...	2	18 0	0 3	2 0	18	
Partitions	3	15 0	1 1 $\frac{1}{2}$	2 0	101	
Verandah	...	270 9	0 9	2 0	406	
Extra for posts	28	1 0	0 3	2 0	17	
Do. at corners	8	0 3	0 3	2 0		
Do. next to walls	4	0 9	0 3	2 0		
Total, Cubic Feet ...	...	...	...	...	...	4,302
BRICKWORK IN BASEMENT.						
<i>Court-house, record and property room,</i>						
Outer walls	...	151 3	1 10 $\frac{1}{2}$	2 0	567	
Extra thickness for plinth in rear and ends	...	43 0	0 3	2 0	22	
Partition	1	18 0	1 10 $\frac{1}{2}$	2 0	68	
Do.	1	22 0	1 1 $\frac{1}{2}$	2 0	50	

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.	
		Length.	Breadth.	Depth.			
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>							
Outer walls	2	102 6	1 6	2 0	615	}	
Extra thickness for plinth at ends ...	2	18 0	0 3	2 0	18		
Partitions	3	15 0	1 1½	2 0	101		
Verandah	...	270 9	0 9	2 0	406		
Extra for posts	28	1 0	0 3	2 0	17		
Do. at corners	8	0 3	0 3	2 0			
Do. next to walls	4	0 9	0 3	2 0			
Steps	1	12 3	2 0	1 6	139		
Do.	4	8 6	2 0	1 6			
							2,003
Deductions—							
Stone under-posts and for steps ...	...	...	...	...	...		105
Total, Cubic Feet ...	...	...	...	...	...	1,898	
BRICKWORK IN SUPERSTRUCTURE.							
<i>Court-house, record and property room.</i>							
Outer wall	...	151 3	1 10½	18 6	5,871	}	
Partition	1	18 0	1 10½	18 6			
Gable	1	18 0	1 10½	3 0	101		
Partition	1	22 0	1 1½	24 6	606		
<i>Gumastah's, Head Clerk's, Judge's retiring room, &c.</i>							
Outer walls	2	102 6	1 6	13 5	4,126	}	
Partitions	3	15 0	1 1½	13 5	806		
Gables	3	15 0	1 1½	2 6			
Dais wall	...	23 6	0 9	1 0	18		
						11,528	
Deductions—							
At hip from partition in record and property room	1	9 0	1 1½	3 0	30	}	
Doors	9	4 0	1 10½	8 0	540		
Do.	12	4 0	1 6	8 0	576		
Do.	2	4 0	1 1½	8 0	72		
Windows	2	4 0	1 10½	6 0	90		
Do.	2	4 0	1 6	6 0	72		
Ventilators	9	4 0	1 10½	2 9	186		
Archwork as per details	...	...	...	...	247		
							1,813
Total, Cubic Feet ...	...	...	...	...	...		9,715
<i>Archwork.</i>							
Over doors and windows	11	5 0	1 10½	1 1½	116	}	
Do. do.	14	5 0	1 6	1 1½	118		
Do. do.	2	5 0	1 1½	1 1½	13		
Total, Cubic Feet ...	...	...	...	...	...	247	
<i>Cut-stonework.</i>							
Under-posts	40	1 0	1 0	0 6	20	}	
Steps	...	169 0	1 0	0 6	85		
Slabs under trusses	4	2 0	1 10½	0 4	5		
Do. do.	10	1 6	1 6	0 4	8		
Total, Cubic Feet ...	...	...	...	...	...	118	

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
Filling in basement.						
Court-house	1	30 0	18 0	1 6	810	
Court dais	1	7 6	7 3	1 0	54	
Record and property room ...	2	22 0	8 5½	1 6	557	
Gumastah's, head clerk's, judge's retiring room, &c.	...	81 1½	15 0	1 6	1,825	
Verandahs	...	218 3	8 3	1 6	2,701	
Total, Cubic Feet ...	...	...	...	...	...	5,947
Teakwood wrought and put up.						
Court-house, record and property room.						
2 Trusses { Tie beams	2	21 9	0 4	0 7	8	
to span { Principal rafters ...	4	11 9	0 4	0 6	8	
18 feet. { Struts	4	5 9	0 4	0 4	3	
Purlins allowing for halving ...	2	47 0	0 5	0 6	20	
Do. over wall do.	2	58 6	0 4	0 4	18	
Do. do.	2	22 0	0 4	0 4		
Ridge	1	38 0	0 3	0 9	7	
Principal rafters in record and property room	2	11 9	0 4	0 6	4	
Hip rafters	4	19 6	0 4	0 5	11	
Common rafters (18 inches centre to centre)	46	14 6	0 3	0 5	130	
Do. do.	6	13 0	0 3	0 5		
Average length.	56	9 0	0 3	0 5		
Jack rafters	56					
Gumastah's, Head Clerk's, Judge's retiring room.						
5 Trusses { Tie beams	5	18 0	0 4	0 6	15	
to span { Principal rafters ...	10	9 9	0 4	0 5	14	
15 feet. { Struts	10	4 9	0 4	0 4	5	
Purlins allowing for halving ...	4	41 0	0 4	0 5	23	
Do. over wall	4	45 0	0 3	0 4	18	
Do. do.	2	18 0	0 3	0 4		
Ridge	2	37 0	0 2½	0 7	9	
Hip rafters	4	16 6	0 4	0 4	7	
Common rafters (18 inches centre to centre)	98	11 3	0 3	0 4	112	
Average length.	40	6 0	0 3	0 4		
Jack rafters	40					
Verandahs.						
Posts	40	0 6	0 6	7 6	75	
Breastsummers allowing for halving. ...	...	282 0	0 6	0 6	71	
Ridge for entrance to court ...	1	11 0	0 3	0 6	1	
Ridge for end gables of verandah ...	4	5 6	0 2½	0 6	2	
Hip rafters	8	17 0	0 4	0 5	19	
Hip for gable at entrance	2	11 6	0 3	0 5	256	
Hip do. at ends	4	8 6	0 3	0 5		
Common rafters	110	13 3	0 3	0 5		
Jack rafters at entrance gable ...	9	9 6	0 3	0 5	5	
Do. at corners	72	9 3	0 3	0 5		
Do. at end gables	8	8 0	0 3	0 5		
Do. do.	24	5 6	0 3	0 3		
Wall plate at front and ends of court. ...	...	62 0	0 4	0 3		

Estimate Form—Detail Measurements—cont.

Estimate Form—Detail Measurements—cont.						Area or contents.	Total quantity of each description of work.
Detail of work.	No.	MEASUREMENTS IN FEET.					
		Length.	Breadth.	Depth.			
<i>Verandahs—cont.</i>							
Barge board at entrance gable	2	8 6	0 1 $\frac{1}{2}$	0 8		1	
Do. do.	2	3 0	0 1 $\frac{1}{2}$	1 0		1	
Do. do. knobs	2	0 6	0 6	0 9		1	
Do. do.	1	6 6	0 4	0 3		1	
Collar piece ...	1	5 0	0 1 $\frac{1}{2}$	1 9		3	
Do. plank ...	8	6 6	0 1	0 7		1	
Barge boards at ends	4	5 6	0 2	0 3		1	
Collar pieces ...	4	1 0	0 2	1 6			
Plank	...	...	...	...			851 $\frac{1}{2}$
Total, Cubic Feet ...	...	...	...	...			
<i>Venetian and panel doors with frames.</i>							
Outer doors ...	17	4 0	...	8 0	544		544
Total, Square Feet ...	...	...	...	...	...		
<i>Panelled doors with frames.</i>							
Inner doors, and for record and property room	6	4 0	...	8 0	192		192
Total, Square Feet ...	...	...	...	...	...		
<i>Venetian windows with glazed shutters and iron bars</i>							
Venetian windows with glazed shutters and iron bars	4	4 0	...	6 0	...		96
Total, Square Feet ...	...	...	...	...	...		
<i>Ventilators.</i>							
For court, record and property room.	9	4 0	...	2 9	...		99
Total, Square Feet ...	...	...	...	...	...		
<i>Wrought Iron work in trusses.</i>							
1" diar. kingrods for 18 feet trusses.	2	8 0	= 16 0	× 2.62	= 41.92		
1" hex. nut and bolt heads for do.	6	...	...	× 1.10	= 6.60		
3" diar. $\frac{1}{2}$ " thick washers for do.	4	...	...	× 0.32	= 1.28		
1 $\frac{1}{2}$ " × $\frac{1}{2}$ " heel straps for do.	4	2 9	= 11 0	× 2.50	= 27.50		
1 $\frac{1}{2}$ " × $\frac{1}{2}$ " bearing plates for do.	4	0 6 $\frac{3}{4}$	= 2 3	× 2.50	= 5.62		
5/8" hex. nuts for do.	8	...	...	× .267	= 2.13		
Caps of $\frac{3}{8}$ " plates 6" wide ...	2	2 0	= 4 0	× 7.51	= 30.04		
7/8" diar. kingrods for 15 feet trusses.	5	6 7 $\frac{1}{2}$	= 33 1 $\frac{1}{2}$	× 2.01	= 66.58		
1" hex. nut and bolt heads for do.	15	...	...	× 0.73	= 10.95		
3" diar. $\frac{1}{2}$ " thick washers for do.	10	...	...	× 0.32	= 3.20		
1 $\frac{1}{2}$ " × $\frac{1}{2}$ " heel straps for do.	10	2 3	= 22 6	× 1.87	= 42.07		
1 $\frac{1}{2}$ " × $\frac{1}{2}$ " bearing plates for do.	10	0 6 $\frac{3}{4}$	= 5 7 $\frac{1}{2}$	× 1.87	= 10.51		
5/8" hex. nuts for do.	20	...	...	× .267	= 5.34		
Caps of $\frac{3}{8}$ " plate 6" wide	5	1 6	= 7 6	× 7.51	= 56.32		
Total, lb. ...	...	...	...	...	...		310
<i>Tiled roofing with flat and pan tiles.</i>							
Court-house, &c. ...	1	61 0	...	30 0	1,830		
Gumastah's, head clerk's and judge's retiring room, &c. ...	2	46 0	...	25 0	2,300		
Verandahs ...	...	160 0	...	11 0	1,760		
Do. ...	...	80 0	...	12 6	1,000		
Square Feet ...	...	...	...	...	...		6,890
Total, Squares ...	...	...	...	...	...		70

Estimate Form—Detail Measurements—cont.

Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Flooring with 8 inches square pavement bricks.</i>						
Court-house	1	30 0	...	18 0	540	
Record and property room	2	8 5 $\frac{1}{4}$	...	22 0	371	
Gumastah's, head clerk's, judge's retiring room, &c.	...	81 1 $\frac{1}{2}$	...	15 0	1,217	
Verandahs	...	237 9	...	9 0	2,140	
					4,268	
Square Feet	...	...	...	...	...	43
Total, Squares	...	...	...	...	...	
<i>Plastering interior (2 coats).</i>						
Court-house	...	96 0	...	18 6	1,776	
Court gables	1	18 0	...	3 0	54	
Dais sides	2	8 0	...	1 0	16	
Record and property rooms	2	60 10 $\frac{1}{2}$	...	18 6	2,252	
Additional height to partition	2	17 6	...	6 0	210	
Gable	1	16 10 $\frac{1}{2}$	...	6 0	101	
Door and window jambs	11	20 0	...	1 10 $\frac{1}{2}$	413	
Ventilator jambs	9	9 6	...	1 10 $\frac{1}{2}$	160	
Gumastah's, head clerk's rooms, &c.	...	302 3	...	13 5	4,055	
Door and window jambs	14	20 0	...	1 6	420	
Do. do.	2	20 0	...	1 1 $\frac{1}{2}$	45	9,502
Deductions—						
Doors	27	4 0	...	8 0	864	
Windows	4	4 0	...	6 0	96	
Ventilators	9	4 0	...	2 9	99	1,059
						8,443
Square Feet	...	...	...	...	...	85
Total, Squares	...	...	...	...	...	
<i>Pointing exterior.</i>						
Basement all round	...	352 9	...	2 0	706	
Court-house, &c.	...	118 9	...	18 6	2,197	
Gumastah's rooms, &c.	2	105 6	...	13 5	2,831	5,734
Deductions—						
Doors	19	4 0	...	8 0	608	
Windows	4	4 0	...	6 0	96	
Ventilators	9	4 0	...	2 9	99	803
						4,931
Square Feet	...	...	...	...	...	50
Total, Squares	...	...	...	...	...	
Lead sheeting for valleys	...	96 0	1 6	=144 0	×	5 720 lb.
Mouldings over windows (exterior).	4	5 3	...	...	21	L. ft.
Railings for dais	...	...	...	...	25	L. ft.
Finials over court room	...	...	...	...	2 in number.	
Finials over Gumastah's and Nazarat establishment	...	...	...	...	2 in number.	
Finials for verandahs	...	...	...	...	5 in number.	

Estimate Form—Detail Measurements—cont.

Estimate Form—Detail Measurements						
Detail of work.	No.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Painting with 3 coats of Carson's paint.</i>						
Venetian and panel doors	3	544 0	...	...	1,632	2,694 11,800
Panelled doors	2	192 0	...	...	384	
Venetian and glazed windows	5	96 0	...	...	480	
Ventilators	2	99 0	...	...	198	
Roof timbers including reepers and verandah posts	...	...	...	...	..	
Square Feet	...	...	...	...	...	14,494
Total, Squares	...	...	...	...	...	145
<i>Punkah.</i>						
Over dais	1	10 0	...	...	10	L. ft.

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
14,971 C. feet ...	Excavation for foundations (rate to include refilling of trenches) ...	...	1,000 C. feet.		
4,668 " ...	Concrete in foundations ...	...	100 "		
4,302 " ...	Brickwork in foundations ...	...	"		
1,898 " ...	Do. in basement ...	...	"		
9,715 " ...	Do. in superstructure ...	...	"		
247 " ...	Archwork ...	...	C. feet.		
118 " ...	Cut stonework ...	...	1,000 C. feet.		
5,947 " ...	Filling in basement ...	...	C. feet.		
851 " ...	Teakwood wrought and put up ...	...			
544 Sq. feet ...	Venetian and panel doors with frames complete ...	...	Sq. feet.		
192 " ...	Panelled doors with frames complete ...	...	"		
96 " ...	Venetian windows with glazed shutters and iron bars complete ...	...	"		
99 " ...	Ventilators ...	...	lb.		
310 lb. ...	Wrought ironwork in trusses ...	...			
70 Squares ...	Tiled roofing with flat and pantiles including teak reepers ...	...	Square.		
43 " ...	Flooring with 8-inch square pavement bricks ...	...	"		
85 " ...	Plastering interior (two coats) ...	...	"		
50 " ...	Pointing exterior ...	...	lb.		
720 lb. ...	Lead sheeting for roof valleys ...	...	L. feet.		
21 L. feet. ...	Moulding over windows ...	...	"		
25 " ...	Hand railing for dais ...	...	Each.		
2 in No. ...	Finials over court room ...	...	"		
2 " ...	Do. at ends ...	...	"		
5 " ...	Do. for verandah ...	...	"		
145 Squares ...	Painting with 3 coats of Carson's paint. Add extra for finishing barge boards ...	...	Square.		
5 in No. ...	Punkah 10 feet long ...	...	Each.		
1 " ...	Petty supervision ...	...	"		
	Contingencies ...	...			

MADRAS,
12th March 1887.(Signed) J. W. BRASSINGTON,
Offg. Consulting Architect to Government.

21st APRIL 1887, No. 1098 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From the Consulting Architect to Government, dated 4th February 1887, No. 1327.

From J. W. BRASSINGTON, Esq., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 12th March 1887, No. 1530.

I have the honor to submit a revised plan, with schedule of quantities, for a Sub-Judge or District Munsif's court.

2. This design will supersede the design circulated with G.O., No. 505 W., dated the 6th March 1885.

3. The revised design and quantities for Tahsildars' cutcherries will follow.

No. 970 C.

Forwarded for the approval of Government in the Judicial Department:

2. The design has already been approved in Committee by the Honorable Members and Secretaries to Government.

15th March 1887.

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

Approved and transferred to the Public Works Department:

(By Order.)

(Signed) H. A. STUART,
Under Secy., J.D.

OOTACAMUND,
12th April 1887.

ORDER—dated 21st April 1887, No. 1098 W., Public Works.

The revised type design, with schedule of quantities and descriptive specification, for a Sub-Judge's or District Munsif's court-house with tiled roof, will be circulated to officers of the Public Works Department, for information and guidance, in supersession of the design circulated with G.O., No. 505 W., dated 6th March 1885.

2. The Consulting Architect will, as early as practicable, submit a type design affording the same accommodation for a court-house with a terraced roof.

3. The submission of a revised type design for taluk offices is awaited.

(True Extract.)

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

To Superintending Engineers.
„ the Consulting Architect to Government..
„ the Judicial Department..

Exd. P. L. Pereira..

Spare Copies.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1887 Madras.

PUBLIC WORKS.

Dated April, 21st.

Recd.

Encl.

G.O., 21st April 1887, No. 1098 W.

APRIL.

Sub-Judge's or District Munsif's
Court-house

A revised type design for a — with tiled
roof, circulated to officers of the Public
Works Department.

29TH AUGUST 1890, No. 2336 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to
the Chief Engineer, Public Works Department, dated Bellary, 23rd May
1890, No. 448.

I have the honor to submit a revised estimate for constructing a Munsif's Court
at Bellary amounting to Rs. 13,138 in lieu of the original estimate amounting to
Rs. 10,502 sanctioned in G.O., No. 3564 W. of the 13th December 1889.

2. The head draftsman of my office, who was ordered to draw up the estimate on
the standard plan, never thought of making any difference in dimensions for stone
masonry from brickwork, and the mistake was not found out till the work was given
out for execution. At the same time the opportunity has been taken to add a boarded
ceiling beneath the Mangalore tiling which is considered necessary in such a climate
as Bellary in the hot weather. Cuddapah slabs have been substituted for granite for
the flooring as better adapted for a building of this character.

From A. S. RUSSELL, Esq., Executive Engineer, Bellary Division, to the
Superintending Engineer, III Circle, dated 30th July 1890, No. 1889.

I have the honor to report that it has been found impossible to execute the
following descriptions of work at the Munsif's Court, Bellary, for the rates altered in
the original estimate, viz. :—

Rubble stone in chunam, 1st sort, for basement and superstructure, Rs. 15-10-0
per 100 cubic feet.

2. For a similar description of work on the recently sanctioned final revised
estimate for the Collector's Cutcherry, Bellary, the rates altered were as follows, and
the same work at the Munsif's Court cannot be done for less rates, viz. :—

Rubble stone in chunam, 1st sort, for foundation, basement and superstructure,
Rs. 18 per 100 cubic feet.

These rates were based on actual experience recently acquired, while the rates
allowed for Munsif's Court, Bellary, are based on schedule of rates which, as I have
already pointed out, is very inaccurate and requires entire revision. The necessary
steps to revise the schedule are being taken.

3. I have therefore the honor to request that the estimate for Munsif's Court
may be returned for final revision.

No. 1309.

Copy. Submitted to the Chief Engineer, Public Works Department.

2. Please correct revised estimate sent with this office No. 448, dated 23rd May
1890, still further for reasons given above.

1st August 1890.

(Signed) H. SMALLEY, Colonel, R.E.,
Superintending Engineer, III Circle.

From H. W. FOSTER, Esq., Officiating Registrar of the High Court of Judicature, Appellate Side, Madras, to the Chief Secretary to Government, dated Madras, 28th July 1890, No. 1734.

Adverting to the endorsement of Government, dated 14th ultimo, referring to the Honorable the Judges of the High Court, for approval, a revised estimate for the construction of a District Munsif's Court at Bellary, I am directed to state that the revised estimate is approved.

2. The Superintending Engineer's letter, dated 23rd May 1890, No. 448, together with its enclosures, is herewith returned.

Approved and transferred to the Public Works Department.

9th August 1890.

(Signed) A. G. CARDEW,
Under Secretary.

ORDER—dated 29th August 1890, No. 2336 W., Public Works.

The revised estimate, amounting to Rs. 13,510, for constructing a District Munsif's Court at Bellary, is sanctioned in supersession of the estimate of Rs. 10,502 sanctioned in G.O., No. 3564 W., dated 13th December 1889.

2. A sum of Rs. 10,000 has been provided for the work in the final issue of the current year's Provincial budget.

3. This sanction has been registered as Provincial No. 48 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract)

(Signed) J. PENNYCUICK, Lt.-Col., R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with seven enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated August, 29th.

Recd.

Encl.

G.O., 29th Aug. 1890, No. 2336 W.

AUGUST.

District Munsif's Court
at Bellary

Revised estimate amounting to Rs. 13,510
for constructing a —, sanctioned.

10TH JANUARY 1891, No. 29, PUBLIC.

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

READ—the following paper :—

From Brigadier-General HUGH P. PEARSON, C.B., Adjutant-General, to the Secretary to Government, Military Department, dated Ootacamund, 21st August 1890, No. N.A.-1661.

I have the honor, by desire of the Commander-in-Chief, to forward, for the information of Government, letter, No. 1675, dated the 7th instant, from the Superintendent of Pensions, together with a report, regarding the employment of pensioned soldiers of the Madras Army in civil capacities for the period between October 1889 and March 1890, and to say that His Excellency considers the report a satisfactory one.

2. I am to request that the report now submitted may be printed and circulated in the Public Department. His Excellency proposes to send a copy to the Madras Press.

ENCLOSURES.

From Colonel S. LEIGH HUNT, Superintendent of Pensions, to the Adjutant-General, Ootacamund, dated Fort St. George, 7th August 1890, No. 1675.

I have the honor to forward, for the information of His Excellency the Commander-in-Chief, a report and return regarding the employment in civil capacities of pensioners of the Madras Native Army.

REPORT by Colonel S. Leigh Hunt, Superintendent of Pensions, on the employment of pensioners of the Madras Native Army in civil capacities, agreeably to the scheme promulgated by His Excellency Sir Frederick Roberts, Bart., G.C.B., G.C.I.E., V.C., late Commander-in-Chief, Madras Army.

The report dated the 10th February 1890, after the scheme had been in work for four years and nine months, showed 2,288 pensioners as remaining in employment on the 30th September 1889 under the new conditions.

2. Between October 1889 and March 1890, a period of six months, employment has been found for 507 pensioners, which added to the 2,288 employed pensioners alluded to in the preceding paragraph, gives a total of 2,795 pensioners.

3. Of the above number (2,795), 304 are reported as having voluntarily resigned employment, 70 as having been thrown out on reduction, 31 dismissed for negligence of duty, disobedience of orders, &c., and 27 died, leaving thus on the 31st March 1890 a total number of 2,363 pensioners employed under the new conditions.

4. The scheme has now been on trial for five years and a quarter, and the steady increase in the number of men employed testifies to the continued appreciation of the public towards this source of obtaining labour. The Press has also done much to further the scheme by the ready and kind encouragement it has ever given with its pen, and by the periodical publication in its columns of the results of these half-yearly reports.

5. On the 31st March 1890 there were 874 candidates for employment at the different stations in this presidency, viz. :—

Arcot	7
Arni	13
Anantapur	2
Bangalore	70
Bangalore district	2
Bellary	9
Berhampore	27
Chanda	3
Chicacole	20
Chingleput district	24
Chittoor	10
Coimbatore	2
Condapilly	21
Cuddalore	16
Cuddapah	2
Cumbum	4
Cuttack	11
French Rocks	2
Guntur	7
Ganjam district	2
Godavari	9
Kamptee	7
Kurnool	6
Kolar district	6
Malabar	2
Masulipatam	31
Madras	96
Mercara	5
Madura	21
Mangalore	6
Mount	22
Mysore district	8
Nellore	19
Ootacamund	4
Palamcottah	20
Pallavaram	14
Palkonda	1
Quilon	12
Raipur	5
Rajahmundry	2
Salem	13
Sambulpore	1
Seetabaldee	10
Seroncha	1
Secunderabad	14
Tumkur district	1
Tanjore	41
Thayetmyo	1
Trivandrum	6
Trichinopoly	38
Trichoor	7
Toungoo	1
Vellore	102
Vizagapatam	46
Vizianagrum	42

Nominal rolls of these men, giving their ages, stations, nature of employment required by them, &c., have been printed and circulated freely throughout the presidency. In addition to the number of men above enumerated, there are now some hundreds of young, active, able-bodied men of good character seeking employment, men who have been lately pensioned from the 10th, 12th and 33rd Regiments, Madras Native Infantry, on disbandment.

6. Of the 781 pensioners who remained in employment on the 30th September 1889 (*vide* last report), which employment they had found for themselves prior to the introduction of the new conditions, only 729 pensioners remained in employment on the 31st March 1890, showing thus a decrease of 52 pensioners since last report, and which number is accounted for as follows :—

Voluntarily resigned	35
Thrown out on reduction	2
Dismissed	3
Died	12
Total	52

Thus the number of pensioners employed on the 31st March 1890 stood as follows :—

Pensioners employed under the new conditions	2,363
Do. prior to the introduction of the scheme	729
Total	3,092

7. During the half-year under report, there has been an *increase* in the number of pensioners employed in the stations—

Bangalore.	Masulipatam.	Madura
Bellary.	Rajahmundry.	Malabar district.
Chittoor.	Toungoo.	Mysore.
Condapilly.	Vellore.	Palkonda.
Cuttack.	Vizagapatam	Salem.
Ellore.	Bangalore district.	Tanjore.
Kamptee.	Chingleput	
Madras.	Kadur	

And a decrease in the stations—

Arcot.	Samulcottah.	French Rocks.
Arni.	Seetabaldee.	Ganjam district.
Berhampore.	Secunderabad.	Godavari
Chicacole.	Thayetmyo.	Kolar
Guntur.	Trichinopoly.	Mangalore.
Mercara.	Trichoor.	Nellore.
Mount.	Anantapur.	Ootacamund.
Pallavaram.	Cuddapah.	Tumkur district.
Quilon.	Cuddalore.	Vizagapatam district.
Raipur.	Cumbum.	
Sambulpore.	Chittledroog district.	

8. A statistical statement showing the percentage of pensioners employed at each station, and giving a rough estimate of the savings to Government thus effected half-yearly in the shape of rice compensation, is herewith attached.

9. As stated in the previous report, application for the services of pensioners should be made to the different officers in charge of pensioners, of whom there is one at each of the principal stations in the presidency—*vide* pages 176 and 177, Madras Quarterly Army List—and any particular information on the subject will, on application, be supplied by the Superintendent of Pensioners, Fort St. George.

FORT ST. GEORGE,
7th August 1890.

(Signed) S. LEIGH HUNT, Colonel,
Superintendent of Pensions.

FORT ST. GEORGE,
7th August 1890.

(Signed) S. LEIGH HUNT, Colonel,
Superintendent of Pensions.

STATEMENT showing the number of Madras pensioners at each Pension station with the number and percentage of men employed and the saving thus effected in rice money on 31st March 1890.

Stations.	Officers in charge.	Number of pensioners.	Number employed.		Percentage.	Rate rice compensation per man for March 1890.	Total value of rice compensation for March 1890.
			Old.	New.			
Arcoot ..	Colonel J. Kelly	297	..	38	12.79	38	RS. A. P. 29 7 10
Arni ..	Do.	280	..	14	7.14	20	15 8 4
Aurangabad ..	Captain E. W. St. G. Welchman	1,463	..	131	12.85	188	201 11 4
Bangalore ..	Major J. Greatorex	436	..	59	15.13	66	70 13 0
Bellary ..	Assistant Collector	271	..	12	11.12	32	12 14 0
Berhampore ..	Lieutenant H. G. Sutton	1,143	..	11	2.79	32	17 2 8
Bichacole ..	Lieutenant-Colonel F. T. Powis	138	..	25	23.91	33	17 11 3
Chittoor ..	Colonel C. R. Bradstreet	237	..	4	11.81	28	40 11 0
Condapilly ..	Deputy Collector	203	..	3	19.21	39	41 13 6
Cuttack ..	Lieutenant W. M. Armstrong	654	..	40	6.42	42	22 8 6
Ellore ..	Sub-Collector	2	..	..	..	..	..
Ellichpur ..	Captain F. S. Sorell	211	..	15	8.53	18	13 15 6
Guntur ..	Deputy Collector	6	..	..	..	..	..
Jaulnah ..	Lieutenant C. H. Macdonald	420	..	46	12.85	54	105 12 0
Kamptee ..	Captain F. B. Deane	1,980	..	512	32.42	61	688 13 0
Madras ..	Major D. Lissenburg	743	..	44	8.20	62	47 5 5
Masulipatan ..	Deputy Collector	43	..	9	34.88	15	8 0 9
Mercari ..	Colonel R. E. Cox	23	..	..	..	..	..
Moulmein ..	Lieutenant H. Thornton	1	..	..	..	..	..
Mominabad ..	Captain J. W. B. Meade	421	..	46	19.47	82	119 2 6
Mount ..	Lieutenant-Colonel A. McCally	119	..	12	11.76	14	27 6 8
Pallavarani ..	Do.	1	..	1	100.	1	..
Port Blair ..	Lieutenant T. S. Johnson	120	..	8	7.50	9	17 10 0
Quilon ..	Do.	97	..	14	16.49	16	..
Raipur ..	L. J. Andrews	613	..	55	10.76	66	22 11 0
Rajahmundry ..	G. H. Turner	57	..	17	29.82	17	..
Rangoon ..	Sub-Collector	58	..	5	8.62	5	..
Sambhpore ..	Captain C. M. T. Western	219	..	2	.91	2	0 11 0
Samuelctah ..	Do. E. McMahon	241	..	65	30.70	74	107 8 6
Seetabadee ..	Sub-Collector	1,771	..	206	14.56	258	374 14 6
Secunderabad ..	Captain F. B. Deane	20	..	7	40.	8	..
Thayemyo ..	Do. J. A. Wyllie	10	..	1	10.	1	..
Toungoo ..	Do. J. R. K. Birch	34	..	6	50.	17	24 11 3
Trivandrum ..	Lieutenant R. Fanshawe	1,126	..	109	11.36	128	186 0 0
Trichinopoly ..	Do. H. S. Ferguson	95	..	3	5.26	5	9 12 8
Trichoor ..	Lieutenant A. F. P. Faxton	1,813	..	175	11.85	215	230 10 10
Vellore ..	Colonel C. R. Bradstreet	1,538	..	82	7.80	120	93 2 0
Vizagapatam ..	Lieutenant-Colonel F. T. Powis	678	..	21	6.48	44	23 9 8
Vizianagrum ..	Do.	1	..	1	100.	1	..
Akola ..	Deputy Commissioner	1	..	1	11.11	1	..
Amraoti ..	Treasury Officer	15	..	4	26.66	4	4 4 8
Anantapur ..	Deputy Collector	..	..	..	..	..	..

Statement showing the number of Madras pensioners at each Pension station with the number and percentage of men employed and the saving thus effected in rice money on 31st March 1890—*cont.*

Stations.	Officers in charge.	Number of pensioners.	Number employed.		Percentage.	Rate rice compensation per man for March 1890.	Total value of rice compensation for March 1890.
			Old.	New.			
Bellary district	Deputy Collector	6	..	1	16.66	Rs. A. P. 1 7 3	1 7 3
Bilaspur ..	Treasury Officer	5	..	3	60.	1 7 3	1 7 3
Bangalore district	Assistant Commissioner	120	..	11	9.16	.. 0 14 9	.. 0 14 9
Chanda ..	Deputy Collector	10	..	..	..	..	..
Chingleput district	Deputy Collector	199	..	18	13.06	1 1 2	27 14 4
Cuddapah ..	Do.	77	..	16	22.07	0 12 5	13 3 1
Cuddalore ..	Do.	325	..	25	9.53	0 12 5	24 0 11
Cumbun ..	Sheriffadar	42	..	..	..	..	..
Coimbatore ..	Deputy Collector	123	..	49	52.84	1 1 2	50 7 1
Chittledroog district	Assistant Commissioner	8	..	..	..	..	..
French Rocks ..	Do.	110	..	..	..	..	..
Godavari district	Deputy Collector	84	..	4	13.63	0 12 5	0 12 5
Ganjam ..	Do.	33	..	16	19.04	0 8 7	16 1 6
Hassan ..	Assistant Commissioner	19	..	22	69.69	1 7 3	33 6 9
Kurnool ..	Deputy Collector	31	..	2	21.05	0 12 5	3 1 8
Kadur ..	Assistant Commissioner	4	..	7	25.80	1 1 2	8 9 4
Kolar ..	Do.	159	..	1	25.	0 5 6	0 5 6
Khandwa ..	Treasury Officer	3	..	4	2.51	0 12 5	3 1 8
Madura ..	Deputy Collector	453	..	56	16.11	.. 1 7 3	106 1 3
Mahar district	Do.	110	..	28	36.36	1 1 2	42 14 8
Mangalore ..	Do.	66	..	8	13.63	0 12 5	6 15 9
Mysore district	Assistant Commissioner	98	..	5	14.28	1 1 2	15 0 4
Nellore ..	Deputy Collector	205	..	21	15.60	1 1 2	34 5 4
Nurungapore ..	Treasury Officer	2	..	..	..	..	..
Ootacamund ..	Deputy Collector	32	..	11	43.75	1 7 3	20 5 6
Palkottah ..	Do.	352	..	41	16.19	1 7 3	82 13 3
Palkonda ..	Deputy Tahsildar	221	..	3	3.61	0 5 6	2 12 0
Salem ..	Deputy Collector	468	..	52	21.36	0 12 5	77 9 8
Shimoga district	Assistant Commissioner	9	..	..	..	..	..
Serondha ..	Tahsildar	6	..	..	..	..	..
Tanjore ..	Deputy Collector	622	..	80	17.68	1 7 3	159 13 6
Trichinopoly district	Do.	21	..	9	42.85	1 7 3	13 1 3
Tunkur ..	Assistant Commissioner	118	..	2	3.38	1 1 2	4 4 8
Vizagapatam ..	Deputy Collector	28	..	16	67.85	0 12 5	14 11 11
Kistna ..	Do.	1	..	..	100.	..	..
		21,782	729	2,363	..	..	3,358 7 6
		..	..	..	..	..	20,150 13 0

A rough estimate of the amount of saving effected for the half-year ending 31st March 1890

No. 5347.

Transferred to the Public Department with reference to G.O., No. 176 (Public), dated 4th March 1890.

OOTACAMUND, (Signed) A. R. KENNEY-HERBERT, Brigdr.-Genl.,
22nd August 1890. Secy. to Govt., Military Department.

ORDER—dated 10th January 1891, No. 29, Public.

Communicated to all heads of departments in continuation of G.O., No. 176, dated 4th March 1890.

2. The Government has, under consideration, the question of the exemption of pensioners of the Native Army from the operation of the rule *—which comes into force on the 1st April 1891—under which a candidate for an appointment † in the Government service of less than Rs. 15 in value, which although classed as “inferior” is not menial in its character, must have passed one of the following examinations:—

- | | |
|-------------------------|-------------------------|
| 1. The Matriculation. | 3. The Primary. |
| 2. The Lower Secondary. | 4. The Special Primary. |

(True Extract.)

J. F. PRICE,
Chief Secretary.

To Departments of the Secretariat.
„ all Heads of Departments.

Exd. A. Aubert.

6TH AUGUST 1890, No. 2136 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 11th June 1890, No. 694.

I have the honor to forward, for sanction, a revised estimate for constructing a Taluk Cutcherry at Kúdligi, Bellary District, amounting to Rs. 26,225 against Rs. 23,871 sanctioned in G.O., No. 1681 W., dated 7th June 1888.

2. The chief cause of excess is the addition of planked ceiling of deals underneath the Mangalore tiling now proposed to be substituted for ordinary tiling in consequence of the difficulty experienced in getting good tiles at the spot. It is now considered that a ceiling is necessary under Mangalore tiles for protection in the hot weather in this climate, and another reason for adding it is that it protects the tiles from being blown off by the high winds that prevail at certain times of the year.

From the Superintending Engineer, III Circle, dated 18th July 1890, No. 1124.

ORDER—dated 6th August 1890, No. 2136 W., Public Works.

The revised estimate, amounting to Rs. 26,225, for constructing a first-class taluk office at Kúdligi in the Bellary district, is sanctioned in supersession of the estimate of Rs. 23,871 sanctioned in G.O., No. 1681 W., dated 7th June 1888.

2. The probable expenditure on the work up to 1889-90 is Rs. 14,659, and the current year's grant is Rs. 9,212. The balance of the estimate, namely, Rs. 2,354, will be allotted later in the year on application from the Superintending Engineer.

3. This sanction has been registered as Provincial No. 41 W. of 1890-91, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Lt.-Col., R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with four enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. J. Moses.
Spare Copeis