(1) பக்கங்களின் எண்ணிக்கை 50 pages
(2) புதுக்கித் திருப்பிய நாள் 18/5/91
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண். — 1543 அச்சகம்
மு. கோப்புத் தாள் எண். பலவகை

நாள் : 20 — 5 — 1892 198 .

வோ கண்டபடி கையாளவோ கூடாது

25

-1—18,006—15-6-87.

②

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

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

ESTIMATE FORM.—Detail Measurements.

1543

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Benteak or Venghay wrought & put up.	13				91.18 ~~89.06~~	
Ridge Pole & Purlins for Extension	5	17'0"	0' 3"	0' 5"	8.85	
Valley Rafter	1	17'0"	0' 3"	0' 7"	2.47	
Total cubic feet.						~~102.50~~
Teakwood wrought & put up.						
Tie Beam of Truss for [illegible]	1	18'6"	0' 4"	0' 6"	3.08	
King Post	1	6'0"	0' 4"	0' 4"	0.66	
Struts	2	5'0"	0' 4"	0' 4"	1.11	
Principal Rafters	2	10'0"	0' 4"	0' 5¼"	2.91	
Total cubic feet.						7.76
Teakwood flooring planks						
For Extension	1	9'0"	16'0"	0' 1"	12.00	
For new Record Room	1	36'6"	14'0"	0' 1"	42.58	
Barge Board for new Gable	1	26'0"	1'0"	0' 1"	2.16	
Total cubic feet.						56.74 ~~57.74~~
W. Ironwork						
~~Strap for~~ Straps for Truss at foot of King Post	1	3'0"	0' 1½"	0' ¼"	lbs 3.75	
do at toe of P. Rafters	2	3'0"	0' 1½"	0' ¼"	7.50	
Bolts & nuts for do	3	0' 8"	½" diameter		1.80	
Total lbs. Ironwork						13.05
Painting 2 Coats						
Windows both sides	2×8	4'0"		5'0"	320	
Barge Board	1	26'0"		1'1"	28	
Under eaves of Bn. Im. – at gable	1	26'0"		1'6"	39	
– do. at Eaves not full length	1	58'0"		1'0"	87	
Ends of Purlins & Ridge Pole at gable	5	1'6"		1'1"	8	
Total Sq. feet						482
Anchor Bolts –	8	No.				8 No.

10,000—15-2-89.

20 APR 92

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work
Roofing with Corrugated Iron & pantiles						
Extension - gable end -	2	14'0"	12'0"		336	
Roof of new Record Room .	1	40'0"	9'0"		360	
		Total Square feet .				696
Removing ~~[illegible]~~ Cor. Iron & Tiles and relaying - altering slope & timbers where necessary						
Roof over present Verandah back to main wall	1	40'0"	12'0"		480	
Part of Roof of Pub. Depts. Record Room as far as existing Truss.	1	16'0"	24		384	
	Total Square feet					864
Dismantling outer wall of present Pub. Depts. Record Room				L.S. Rs 15		
Dismantling boarded partition wall of existing Verandah.				L.S. Rs 10		
Altering Steps to Back Entrance				L.S. Rs 10		
				60 Rg feet -		
O.Gee. Guttering				40 Rg. ft.		
Downtake Pipe				1000 Sq. ft.		
Woodoiling ~~[illegible]~~						
Add						
	3	4'0"		5'0"	60	Sq. ft.
Teak Glazed Windows	5	4'0"		5'0"	100	Sq. ft.
do - with Iron bars						

1543/2

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS	RS.
776	Cubic feet of Earthwork	6 ..	100 c.ft	5	
776	— Brick Concrete in Chunam	20 ..	100 c.ft	155	
~~1256~~ 87	— C. Brick in Chunam	34 ..	"	~~420~~	
75	— Archwork in Chunam	40 ..	"	30	
~~2080~~	Sq. ft. of Plastering with Chunam 2 coats	5 .	100 sq. ft	104	
~~2080~~	— W & Color washing	1 . 6 ..	100 .	8	
~~100.38~~ 102.50	Cub ft. of Vengay or Benteak wrought & put up.	3 . 4 ..	cub ft	~~326~~	
7.76.	Cub ft. Teak wrought & put up.	5 ..	.	39	
~~57.74~~ 56.74	— of Teak flooring including cost of screws &c: —	6 ..	.	340 ~~346~~	
13.05	lbs of W. Iron work.	. 4 ..	lb.	3	
482 .	Sq. ft. of Painting 2 coats.	4 ..	100 sq ft	19	
8.	Nos Anchor bolts and plates	. 12 .	Each	6	
696	Sq. ft. of Roofing with Cor: Iron and pan tiles.	35 ..	100 sq. ft	244	
864	Sq. ft. Of Removing Iron & tiled roof & relaying - altering slope & timbers where necessary.	6 ..	"	52 ~~53~~	
60	Rg. ft. O. Gee Guttering.	1 . 4 ..	Rg ft.	75	
40	— Downtake pipe 4"	. 8 .	"	20	
1000	Sq. ft. Woodoiling 2 coats.	1 . 8 .	100 Sq. ft.	15	
	Dismantling outer wall of present Record Room	L.S.		15	
	— Do. Boarded partition wall of Verandah.	L.S.		10	
	Altering Steps.	L.S.		10	
60	Sq. ft. Teak glazed windows with frames & brass fittings.	1-8-0		90	
100	— Do. Do. with Iron bars & glazed shutters.	2 . 8 .		250.	
	Total			2216	
	6½ 5% . Contingencies			140 ~~110~~	
	6⅓ 5% Petty Supervision			144 ~~120~~	

Grand Total of Estimate Rs. 2500

STATION

Dated 15th April 1892.

20,000—5-3-90.

J C [illegible]
Executive Engineer. 15/4/92

[illegible] Lt Col RE
Supg Engineer 4th Circle

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. FORM,
No. M 207.

c 3

SUPG. ENGINEER'S OFFICE
4285
20 APR 92

CIRCLE— Fourth
DIVISION— Coimbatore
DISTRICT— Do
TALUK (OR ESTATE IN CASE OF ESTATE WORKS)— Alterations Esti

ESTIMATE FORM.—Abstract.

Financial Head— Provincial
Budget Head— Civil Buildings
Departmental Head— Original Work
Main Head— Administration
Sub-Head— "
Project of which the work forms part— "

Ex 7
M 4524/
505/ 5/92

Section—
Name of Work— Addition of Record Room Stonehouse Hill – Ootacamund
Amount of Estimate— R 2500
To be carried out by— The Executive Engineer Coimbatore Dn

REFERENCES.

5
wd 2160 of 92

Rev 5
4165 of 92

Report to accompany an estimate for improvements and extensions to the Government Offices &ca at Ootacamund.

Amount of estimate Rs 9300.

The Chief Engineer 1543/3 P. W. Department in his Memo No 806 D of 2d September 1891, directed that the room occupied by the Revenue Department in the Government offices, Ootacamund should be extended to afford more accommodation. When proposals were about to be made for doing the same, the Military Secretary to Government in his No 4928, of 3d September 1891, brought to the notice of the Chief Engineer that the room occupied by his Chief Assistant should also be enlarged and improved and that the fire place in that room should be replaced by an iron grating, the present one being out of order.

2 Accordingly the present proposals are:—

For the use of the Revenue Department

(1) Extending on the western side the room occupied by the Revenue Department as shown in the plan, this, together with the record room in the main building (~~[illegible]~~ [illegible] of which a new separate room in a detached building is now proposed) will give to that Department more than double the present office accommodation.

(2) Adding a room x in continuation of the present block of clerk's offices for the custody of the records of the Revenue Department.

x or the alternative & more economical arrangement noted further on

Public Dept?

Improvements to the room occupied by the Chief Assistant to the Military Secretary

(1) The room occupied by the Chief Assistant to the Military Secretary will be extended a few feet towards the south and a large glazed bow window will be placed ~~at~~ in the South end wall. The present defective fire place in that room will also be replaced by an iron stove.

1543/4

General.

(1) To secure sufficient light ~~at~~ in the passage, at the north end ~~at~~ x upstairs, a slice of the Under x Secretary's room will be cut off as shown in the plan, and the cross wall removed.

x x There are objections to this arrangement & as better lighting of the passage, under the new arrangement of the roof can be secured, the curtailment of the Under Secretary's room need not be carried out
JCL

(2). The small rooms marked A, B, C and D are at present covered with a terrace roof which leaks, and it is therefore now proposed to replace the same by a corrugated iron and shingle roof.

3 The above proposals ~~are~~ were ~~made as settled~~ agreed to at a conference

held at Fort St. George Madras on 22d March 1892 with Chief and Revenue Secretaries, Chief Engineers, Military Secretary and ~~Chief~~ Consulting Engineer for Railways.

4 The different kinds of materials and workmanship are to be as specified in the standard specification and the work to be completed to the entire satisfaction of the Executive Engineer.

Executive Engineer
Coimbatore Division

The amount embraced in the Estimate (Rs 3150) is for a new record room to be placed at the west end of the block of record & clerks rooms, as shown in full red lines on the tracing.

Capt Cornwall has made out a separate estimate amounting to Rs 2500 for an alternative proposal, shown in dotted lines, i.e. to extend the public & part record room by 9 feet & to enclose & widen by 6 feet, a length of 36½ feet, of the back veranda, thus securing an additional floor space of 663¼ feet, as compared with 672¼ feet by the former plan.

The latter arrangement has the further advantage of not interfering with the Munshis rooms, & it will besides greatly improve the appearance of so much of the present unsightly back veranda.

If the work is to be carried out before Government moves to the Hills, it is requested that orders may be wired to Ootacamund.

J.C.L.
15/4

1543/5

1543
6

ESTIMATE FORM.—Detail Measurements.

Improvements to Government Office on the Western Side of that portio of the Main building which is at present in the occupation of the Revenue Secretariat Establishment Ootacamund.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Concrete.						
Main building in one length front wall	1	55	3½	3	577	
Cross wall	1	29½	4	3	354	
~~Proposed North side room front wall~~	~~1~~	~~11~~	~~3½~~	~~3~~	~~115~~	
Do North side room Do Do rearwall	1	10	3½	3	105	
~~Front Cross wall of South side room~~	~~1~~	~~11~~	~~3½~~	~~3~~	~~115~~	
End wall of South side room Do Do	1	12	3½	3	~~125~~ 126	
Front wall in Do Do	1	6½	3½	3	68	
Total cft of Concrete						[illegible] 1460
Basement (Brick in chunam)						
Main building in one length	1	55	2	4¼	468	
Cross wall	1	29½	2½	4¼	314	
~~Proposed side South room front wall~~	~~1~~	~~11~~	~~2~~	~~4¼~~	~~93~~	
Do North side room Do rear wall	1	10	2	4¼	85	
~~Front Cross wall of the South side room~~	~~1~~	~~11~~	~~2~~	~~4¼~~	~~93~~	
End wall in Do South side room Do	1	12	2	4¼	102	
Front wall Do Do	1	6½	2½	4¼	61	
Under two windows including foundation	1	10	3	6¼	187	✓
Superstructure						
Main building in one length	1	55	1½	12	990	
Cross wall	1	29½	2	~~17~~ [illegible]	~~1013~~ [illegible]	
Existing centre crosswall up to proposed height	1	29½	~~1½~~ 2	~~2~~ [illegible]	~~89~~ [illegible]	
Proposed North side room front wall	1	11	1½	10	165	
Do Do rearwall	1	10	1½	14¾	222	
Carried over					3872 [illegible]	

(P. W. D. Code, Edition of 1885—Paras. 921, 931).

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

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			2306 3056 ~~3872~~	
Proposed south side Do	1	11	1½	10	165	
End wall Do Do	1	12	1½	10	~~241~~ 180	
Front wall Do Do	1	6½	1½	10	~~97~~ 130	
Blocking up the windows in south end side room	1	5	1½	8	60	
Extra Brick Work					100	
Total					4247 4534 4486	14247
Deduct						
Windows Large	3	7½	1½	5	169	
Do Small	1	4	1½	5	30	
Bow window at the south side	1	9	1½	8	108	
Door in South side room	1	4	1½	8	48	
Segmental arches over windows large	3	9½	1½	1½	64	
Do Do small	1	5½	1½	1½	13	
Do over proposed door	1	5½	1½	1½	12	
Do Bow window	1	11	1½	1½	25	
Semicircular portion of the Main arch	1	$\frac{20^2 \times .7854}{2}$		× 1½	314	
Do rectangular portion	1	20	2	7	280	
Semicircular portion of the North side room cross wall	1	$\frac{7^2 \times .7854}{2}$		× 1½	28	
Do rectangular portion	1	7	1½	7	74	
Arch work of the semicircular portion	1	$\frac{21½ \times 3\frac{1}{7}}{2}$		× 2	68	
Do Do	1	$\frac{8½ \times 3\frac{1}{7}}{2}$		× 1½	21	
Total					1254	3185 3274
Total Cft of Brick in chunam less deduction						~~3280~~ 2993 20.8
Arch work as per above deductions						

1543/7

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
Plastering						
Main building in one length both sides		110	12		1320	
Cross wall	2	29½	17		1003	
Introdus of the arch	1	45	2		90	
Side, Sill & Saffit of windows	3	25	1½		112	
Cross wall of the view proposed height of the rear wall	2	29½	5		295	
Proposed side room walls	2×2	10½	10		420	
Sill, Side & Saffet of windows	1	18	1½		27	
Side & saffet of door	1	18	1½		27	
Cross wall of the side room	2	10¼	14½		297	
Introdus of the arch	1	33	1½		50	
Plastering extra here & there					500	
End wall of the South corner room	1×2	12	10		240	
Front wall of Do Do	1×2	7	10		140 ~~140~~	
Total					~~4601~~ 4421 4680	
Deductions						
Windows large	3×2	7½	5		225	
Do small	2×1	4	5		40	
Semicircular portion	2	$\frac{20^2 \times .7854}{2}$			314	
Rectangular portion	2	20	7		280	
Semicircular portion	2	$\frac{7^2 \times .7854}{2}$			38	
Rectangular portion	2	7	7		98	
Door in South side room	1×2	4	8		64	
Bow window	1×2	9	8		144	3377 ~~3318~~
Total Plastering less deductions					1203	3218
Teak wood work						
Beams (tie) for the Revu Dep Hall	2	32	5"	~~8~~ 8¼"	18	

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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				18	
Principal rafters Do	4	21	5"	7¾	23	
King Post Do	2	10	5"	5¾	4	
Strut Do	4	8½	5"	5¾	7	
Purlins Do	10	37	3"	5"	39	
Ridge Do	1	37	3"	5"	4	
Wall plate Do	2	35	4"	2¼	4	
For front room rafter Do	9	22	3"	[illegible]	~~10~~ 25	
wall plate in one length	1	60	3"	4"	5	
(Hipped roof) rafter for shingle roof	2	18	6"	4"	6	
Do Do	2	22	6	4	7	
Purlins for do	1	27	5"	3"	3	
Do Do	1	37	5"	3	4	
Hipped rafter	2	21	4"	7"	8	
Do Do	2	26	4"	7"	10	
Wall plates (in one length) for two end rooms	1	96	2"	4"	5	
Total						~~163~~ 172
Main roof (Roofing with Corrugated iron + Mangalore tile)						
Do over Revenue Dept room	2	36½	22		1606	
Do front portion in Do	5	22	7		770	
Total sft of Corrugated iron and Mangalore tiles &c						2376
					130	
	1	130	"	"		130
Gutters at the eve Total sft					405	
Roofing with Corrugated iron + teak shingles Hipped roof (North side)	1	27	15		525	
Do (South side)	1	35	15			
Total sft of Corrugated iron and teak shingles						930
					167	167
	1	167	"	"		
Down take pipes Total sft						

1543
8

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
Windows (Teak wood)						
Large	3	7½	5		112½	
Total						112
Teak Door Half pannelled and Half glazed in South side room	1	4	"	8	32	
Total sft						32
Bow window at the South end	1	9	"	8	72	
Total sft						72
Painting 2 coats Carsons paint						
Windows	3×2	7½	5		225	
Door	1×2	8	4		64	
Bow window	1×2	9	8		144	
Do Small	1×2	4	5		40	
Total						473
Wood ceiling					sft	3306
Flooring here & there	L. Sum					Rs 50
Sky lights of 4 tile size fitted with glass &c for the record room						No 16
To fix an iron grate in the room occupied by the chief Asst to Military Secretary			L. Sum			Rs 100
Removing & refixing the existing Coverway			Do			Rs 20
Dismantling the existing wall			Do			20
Do the roof & terrace &c			Do			20
						10
Excavating foundation + filling the basement			Do			

(P. W. D. Code, Edition of 1886—Paras. 921, 931).

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.		Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
	Number.	Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Cons[illegible] Kings[illegible] [illegible] windows in front of South Stre[illegible] [illegible] & fixing the same in North Pu[illegible] Side room		L.S.				1
Putting in a Brick Nogging wall & removing the door from its present position & replacing the same in the new wall in Under Secretary's room		L.S.				1

1543/9

ESTIMATE FORM.—Detail Measurements.

Detail of Work.		Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
	Number.	Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Constructing a room in the [illegible] Clerks as shewn in full red lines on the tracing						
Excavation for foundation						
Wall alround	1	85	3	3	765	
Chimney	1	5	1	3	15	
Dwarf walls	4	14¾	1½	1½	133	
Total cft						913
Concrete in chunam						
Wall alround	1	85	3	3	765	
Chimney	1	5	1	3	15	
Dwarf walls	4	14¾	1½	½	44	
Total cft.						824
Brick in chunam						
Basement wall alround	1	85	2	1-9 ~~1~~	297 ~~85~~	
Chimney	1	4	1	1-9 ~~2~~	7 ~~2~~	
Dwarf walls	4	15½	¾	1-9 ~~1~~	46	
Superstructure					81	
Main wall	1	85	1½	13	1658	
Gables	2	17½	1½	3	157	
Fire place & breast wall Chimney Walls	1	4	2½	10½	105	
Total					2105 2305	
Deduction						
Windows	5	4	1½	5	150	
Door	1	4	1½	7	42	
Segmental archwork						
Over Windows	5	5½	1½	1¼	52	
Do. over door	1	5½	1½	1¼	10	
Total Deduction					254	
Total cft. of brick in chunam less deduction						2051 ~~1854~~

20,000—7-4-91

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Arch work.						
As per above deduction cft.						62
Plastering with chunam						
Wall all round out side including Basement	1	90	..	~~14~~ 16	~~1260~~ 1440	
Do Insides	1	82	..	14	1148	
Gable both sides Chimney	2×2	17½	..	3	210	
Chimney breast & stocks					150	
Total Sqrfeet					~~2768~~ 2948	
Deduction						
Windows	~~3~~ 5	~~5~~ 4	..	~~4~~ 5	60	×
Door	1	4	..	7	28	
Total Deduction					88	
Total Sqft. of plastering less deduction						~~2680~~ 2860
Teakwood						
Beams (Tie	3	18½	4	5¾	9	
King posts	3	6	4	3¾	2	
Struts	6	5	4	3¾	3	
Principal rafters	6	10	4	5½	9	✓
Purlings	4	48	3	4½	18	✓
Wall plate	2	48	2½	3½	6	
Ridge	1	48	3	4	4	
Wall plates over Dwarf walls	6	17	2½	3½	6	
Joists for flooring	9	44	3	5	41	
Total cft.						98
Teakwood planks for flooring						
Room	1	42	16	1/12	56	
Barge board	2	28	1¾	1/12	2	
Eve board	1	48	¾	1/12	3	61
Total cft.						

1543/10

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Teakwood windows: Glazed & iron barred	5	4	..	5	100	
Total Sqft.						100
Teakwood ~~Doors~~	1	7	..	4	28	
Total Sqft.						28
Roofing with corrugated iron and Mangalore tiles						
Main building roof	2	48	12	..	1152	
Total Sqft.						1152
Ogee guttering		Length			rft.	50
Down take pipes						60
Wood oiling						1152
Painting						
Windows	2×5	4	..	5	200	
Door	1	4	.	7	28	
Total Sqft.						228

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

1/2857/3
20 APR 92

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Measurements in Feet. Breadth.	Measurements in Feet. Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7

Rs 5,2,5

Recd 26/4
5081/92

wd 3160 of 92

Rec 4/65 Apr.

Description of Work	ty.	Cost.	Quantity.	Cost.	Total. Quantity.	Total. Cost.
		RS.		RS.		RS.
Concrete blue metal						
Brick in Chim					2054	616
Do in Arc					5146	2315
Plastering with					265	132
Teakwood wroug					6178	309
Do. Do					261	1305
Roofing with Cor					6	305
And Ma						
Roofing with Cor					2376	1188
An						
Roofing with Cor					1152	403
An						
Gutters at the					930	372
Down take pip					180	225
Teakwood wi					27	114
frames glazed						
lea						
Do. Do Gl					112	168
An						
Teakwood doo					100	250
half panelled an						
Teakwood lou					60	90
lea						
Painting two c					72	216
Carsons Ch						
Wood oiling t					701	28
Flooring he					1458	57
Co						
						50
						8143

Station

Dated

5,000—26-9-90.

~~Executive Engineer~~

P. W. D. Form,
No. M 294.

NTS Depth.	Area or Contents.	Total Quantity of each description of Work.
5	6	7

525

5021/4

ESTIMATE FORM.—Abstract—General (for many parts of a Work).

1593/11

Description of Work.	Rates. Unit.	Rates. Amount.	Improvements and Extensions of the Government House. Quantity.	Improvements and Extensions of the Government House. Cost.	Constructing a record room in Continuation of Clerk's office Quantity.	Constructing a record room in Continuation of Clerk's office Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Total. Quantity.	Total. Cost.
		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.
Concrete blue metal in Chunam.	100 Cft.	30-0-0	1230	369	824	247													2054	616
Brick in Chunam.	Do.	45-0-0	3094	1392	2051	923													5145	2315
Do in Arching	Do.	50-0-0	203	101	62	31													265	132
Plastering with Chunam 2 Coats.	100 Sft.	5-0-0	3318	166	2860	143													6178	309
Teakwood wrought and fixed.	Cft.	5-0-0	163	815	98	490													261	1305
Do. Do Do. Do.	Do.	5-0-0	"	"	61	305													61	305
Roofing with Corrugated iron And Mangalore tiles	100 Sft.	50-0-0	2376	1188	"	"													2376	1188
Roofing with Corrugated iron And pan tiles	Do.	35-0-0	"	"	1152	403													1152	403
Roofing with Corrugated iron And venteak Shingles.	Do.	40-0-0	930	372	"	"													930	372
Gutters at the eaves.	Rft.	1-4-0	130	163	50	62													180	225
Down take pipes.	Do.	-8-0	167	84	60	30													227	114
Teakwood windows with frames glazed shutters and brass fastenings.	Sft.	1-8-0	112	168	"	"													112	168
Do. Do glazed shutters and iron bars.	Do.	2-8-0	"	"	100	250													100	250
Teakwood doors with frames half panelled and half glazed.	Do.	1-8-0	32	48	28	42													60	90
Teakwood bow windows with frames.	Do.	3-0-0	72	216	"	"													72	216
Painting two Coats with Carsons Chocolate paint.	100 Sft.	4-0-0	473	19	228	9													701	28
Wood oiling two Coats.	Do.	1-8-0	3306	40	1152	17													4458	57
Flooring here and there	LS.			50		"														50
Carried over				5191	✓	2952														8143 ✓

Station
Dated

Station
Dated 189

Note.—(1) All rates are to be given in Rupees, Annas and Pies.
(2) Quantities are to be entered as so many units; thus the unit for Brick-work being 100 cubic feet, 9,250 cubic feet of Brick-work would be entered as 92·5 units.

~~Executive Engineer~~

5,000—26-9-90.

5,000—26-9-90.

P. W. D. Form,
No. M 209.

209.

Abstract—General (for many parts of a Work).

(for ... Work).

Description of Work

...erences.

Station

Dated

5,000—26-9-90.

ESTIMATE FORM.—Abstract—General (for many parts of a Work).

1543/12

Description of Work.	Rates.		Improvements and extensions at the Government House		Constructing a record room in Continuation of Clerk's office												Total.	
	Unit.	Amount.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Brought Forward.				5194		2952												8143
Skylights of 4 tiles size fitted with glass &c.	Each	3 0 0	16	48	"	"											16	48
Iron Stand.	LS.			100	"	"											"	100
Removing and refixing existing Conard way.	Do.			20	"	"											"	20
Dismantling the existing wall.	Do.			20	"	"												20
Do roof and terrace	Do.			20	"	"												20
Excavating for foundation.	1000 cft.	8 0 0	LS	10	913	7											913	17
Lead Flashing	LS.		"	300	210 ~~[illegible]~~ sft. or 4 cwts	100												400
Removing the windows in South side room and refixing the same in North side room.	Do.			5	"	"												5
Putting in a brick nogging wall removing the door from its present position and replacing the same in the new wall in the upper story at the Under Secretary's Room.	Do.			100	"	"												100
Contingencies.				194	"	50												244
Petty Supervision				142	"	41												183
Total Rupees.				6150		3150												9300

Station Ootacamund

Dated 20th April 1892.

5,000—26-9-90.

Note.—(1) All rates are to be given in Rupees, annas and Pies.
(2) Quantities are to be entered as so many units; thus the unit for Brick-work being 100 cubic feet, 9,250 cubic feet of Brick-work would be entered as 92·5 units.

Rundrake Brickman, Lt. Col. R.E.
Supg. Engineer 4th Circle

Executive Engineer.

P. W. D. Form, No. M 209.

P. W. D. Form, No. M 209.

Division.—

Taluk.—

District.—

are many parts

ESTIMATE FORM.—Abstract—General (for many parts of a Work).

Abstract—General (for many parts of a Work).

1543/11

REFERENCES.

ERENCES.

1543/12

Description of Work	ty.	Cost.	Quantity.	Cost.	Total. Quantity.	Total. Cost.
		Rs.		Rs.		Rs.
Brought						
Skylights of 4 l with glass &c.						8143
Iron Stone					16.	48
Removing and existing Conc					"	100.
Dismantling th					"	20.
Do roof and						20
Excavating for						20.
Lead Flushin					913.	17.
Removing the in South side refixing the sa side						400.
Putting in a lo wall removing its present pos replacing the new wall in story at the						5.
Contingen						100.
Petty Sup						244.
To						183.
						9300

Station

Dated

5,000—26-9-90.

J C [illegible]
Lt Col RE

Executive Engineer.

To be emp

r sub-divisions

ADRAS P. W. D. CODE,
N OF 1886.
PA 921 AND 932.

To be emp where there are many parts
or sub-divisions work.

1543/12

P. W. D. FORM,
No. M 209.

CIRCLE.— Fourth.
DIVISION.— Coimbatore.
TALUK.— Ootacamund.
DISTRICT.— Nilgiris.

ESTIMATE FORM.—ABSTRACT—GENERAL (FOR MANY PARTS OF A WORK).

Financial Head— Provincial.
Budget Head— Civil Buildings
Departmental Head— Original Work.
Main Head— Administration
Sub-Head—
Project of which the work forms part—
Section—
Name of Work— Improvements and Extensions to Government offices at Ootacamund
Amount of Estimate— Rs 9,300
To be carried out by— The Ex. Engineer Coimbatore Division

REFERENCES.

P. W. D. FORM,
No. M 209.

ABSTRACT—GENERAL (FOR MANY PARTS OF A WORK).

ERENCES.

No. 201/W.

Supt. Engr's Office 4th C
Coonoor 26th April 1892

From

Lt Col: R. A. Drake Brockman R.E.
Superintending Engineer
4th Circle

To

1543/13

The Chief Engineer
P. W. Department

Enclosures 8.

- 1 Site plan
- 1 Plan of Govt. offices.
- 1 Plan of record & Clerks rooms
- 1 old plan shewing the Elevation
- 1 Detailed Estimate
- 1 abstract of the Estimate
- 1 alternative Estimate for record room
- 1 Report

8

Sir,

Adverting to your memo No. 925 C of 23 February 1892, I have the honor to resubmit Plans and estimates amounting to Rs 9,400 for Improvements and extensions to Government offices at Ootacamund.

2. The requirements of various departments have been settled with the officers concerned.

3. An old plan shewing the front elevation of the building is also sent as desired in para 8 of the Memorandum under

reference.

4. If the alternative estimate for record room as per footnote in the accompanying report is adopted the total of the estimate will be reduced to Rs 8750:-

Amount of the estimate including a provision of Rupees 3150. for a new record room added at the West end of the block of record and clerks rooms as shown in full red lines on the tracing Rs 9400.

The alternative Estimate for record room shown in dotted lines Rs 2500 ——

(3150 - 2500) = ______ 650

Rupees 8750

I have the honor to be
Sir,
Your most obedt Servt
Rudrahr. Kinderman, Lt Col. RE
Superintending Engineer 4 Circle

E. 3

P. W. DEPARTMENT No. 4536 $\frac{1543}{14}$

5081/92

From

The Supg. Engr.
4th Circle

Dated 26 } April 1892
Despd 27 }
Rd 28.4.92

No. $\frac{201}{W}$

Enclos. 8 (+4 plans)

Government Offices at Ootacamund

Resubmitting plans and estimates amounting to Rs. 9400/ for improvements & extensions to the

For check
OVN
28.4.92

No. 2344C

Government of Madras.

PUBLIC WORKS DEPARTMENT.

MEMORANDUM

1543
15

Dated Madras, 4 May 1892

Letter from the Superintending Engineer IV Circle No. 201 W dated April 26, 1892.

Referred to the Public, Revenue and Military Departments for approval.

2. Alternative proposals for providing additional accommodation for records are made. The records to be removed belong to the Public, and not to the Revenue, Dept. as stated in the Executive Engineer's report. The Public Department is accordingly

12/5 6/5

requested to decide which of the proposals should be adopted."

3. The Under Secretary's room upstairs will not be interfered with.

Colonel R.E.,
Secretary to Govt. P.W.D.

GOVERNMENT OF MADRAS
13 MAY 92
REVENUE DEPARTMENT

To,

(1) The Public Dept.
(2) " Revenue "
(3) " Military "
with request that the papers be passed on and returned to the Public Works, by the Military, Department.

P.W. 8.1 / 5091/92

---

6 (3) 8-9-1891 No 959 R
13-2-92 - 897 R

Revenue 1892. Dept.

Public Works Department.

Current Number 4165.

R. H. CAMPBELL
7 MAY 92

1543
16

No. 2344 C.
Dated 4th May/92
Despatched 5th
Received 4/ "

m 9.

CHIEF SECRETARY
16 MAY 92

P.W. 8.1 / 5091/92

SUBJECT.

Referring for approval letter from the Supdg. Engineer IV Circle resubmitting plans and Estimates for improvements and extensions to the Government Offices at Ootacamund.

Dated 6th May 1892

13 MAY 92
REVENUE DEPARTMENT

12 MAY 92

The Chief Secy. understands that the "alternative" proposals are alternative to one part of them — namely to the plan of adding the new record room marked A on enclosure II — and that the ~~extension~~ additions & alterations to the main building marked BB are also to be carried out. The Public dept. will then entirely vacate the rooms on the ground-floor of the main-building, making use of the new room C in compensation. If this is so, the Chief Secy. approves of the ~~plan~~ proposals lettered BB & C on Enclosure II, provided that the rooms now used by his clerk are not darkened materially thereby.

Chief Secy

6/5

12/5

P.T.O.

The Revenue Secretary approves the arrangements proposed for the Revenue Dept

Revenue Secretary

~~MILITARY (1892) DEPARTMENT.~~

Former papers.

~~Current Number.~~ 3160

P. W. CURRENT No. 5091

From

The Public Works dept:

No 2344. C. No.

1543
17

Dated 4th
Received 12th } May 1892
Registered 13th

No. 3109. Returned as requested

The undersigned approves of the alteration and addition to his Chief Assistant's room.

Lt. Brt. Genl.
Secretary to Government

~~9~~ ENCLOSURES.

P.G., No. , dated

Enclos: 11 (4 plans)

Recd: 14-5-92

Refers for approval Lr from the Supdt Engnr IV Circle, resubmitting plans & estimates for improvements and extensions to the Govt offices at Ootacamund

No 496 D/21-7-90
" 4412 C - 29-10-90
" 3035 W - 14-11-90
" 1109 C - 2-3-91
" 721 W - 13-3-91
" 194 C - 12-1-92
" 925 C - 23-2-92
" 2344 C - 4-5-92

Fort St George
13th May/92

To
The Public Works Department

P. W. DEPARTMENT.

READ the following :—

Letter from the E.E. Coimbatore Dr. No. 1190 d/1.IV.92
Endorsement by the S.E. IV Circle " 1550 d/4.IV.92

1543/B

FOR ORDERS.

Submitted for sanction. Mr. Larminie came to Madras by order of the undersigned to discuss with him and the other Secretaries the improvements required to the Stonehouse buildings at Ootacamund.

W.

6.4.92

Sanctioned.
What is in contemplation regarding the Stonehouse buildings? Nothing should be done there without sanction of Govt.

8 Apr

Note for the Hon: Member

—

1543/19

The work to be done is chiefly to provide extra accommodation for the clerks of the Revenue Department, who are very badly accommodated at present, and some improvement in the front of the building occupied by the Military Department; there was some difficulty in arranging how the extra accommodation should be provided and Mr. Larminie was asked to bring the plans in to Madras for discussion.

2. The papers will be submitted to Government in due course and nothing will be done without sanction.

Wg 9.4 W

H.m. 12/4. R13/4.

A

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

1543/P

READ the following

Office Note from the Rev Dept (H.E. No.	27 d/ Aug: 25, 1891)
—— do —— from the Mil: Dept (" "	4928 d/ Septr 3rd ")
Letter from the S. E. IV Circle (" "	627 W d/ " 30, ")
—— do —— do (" "	15 W d/ Jany: 8, 1892)
Office note from the Rev Dept (" "	8 d/ Feby 13, ")
Endt by the Military Dept (" "	1102 d/ " 17, ")
Letter from the S. E. IV Circle (" "	201 W d/ Apl 26, ")
Endt by the Public Dept (" "	d/ May 6, ")
" " " Rev: Dept (" "	d/ " 11, ")
" " " Mil: Dept (" "	3109 d/ " 13, ")

I am not prepared to sanction this. I find no explanation in the papers as to the necessity of the increased accommodation for the Revenue Dept. whose numbers were well enough housed, nor as to the necessity of new drawing room. I am averse to spending any more money on the Govt. Office at Ooty & especially to undertaking the work in the present season, or in the current year when the P.W. grant is so very short. If Govt. goes up in July, these works in progress will make the place ~~[illegible]~~ uninhabitable for the short stay, if any, that can be made this year. Present arrangements will suffice.

The following estimates in connection with the Secretariat offices at Ootacamund are sanctioned for immediate execution

(1)

(1) Improving and extending the Main building ..... Rs 6250

(2) Constructing a new record room for the Public Dept in extension of the office room of that Dept ..... " 2,500.

2. Care should be taken in carrying out Estimate No 2 that the Public Dept office room is not darkened.

3. An allotment of Rs 8,750 is made for these works from the Provincial Reserve.

4. This sanction has been registered as Provl No of 1892-93 and classified as Civil Buildings, Original Works.

Superseded

S. E. IV Circle with plans & estimates
Ex P. W. Accts.
Public Dept.
Revenue "
Military "

R.S. 14/5
16/5

C. No 5091

The draft has been recast in accordance with the H.M's note. It is proposed to submit the revised draft to the H.M. for approval. Kindly say whether it should go to any of the other Secretaries also for counter initials.

R.S.
16.5.92

1543/21

No - I think not -

16.5

5091

room so as to give

Rev. Building
ant. for approval.
Dept. should
which of the
alternatives
record rooms
prefer – 1543/22
under Lady's
upstairs used
be interspersed
tis

OVH
3.5

R.S.
OVH
14.5
Hon. 14/5 R 16/5
Hon. 12/4.

5091

Public Works Department.

Current No. 4536
Letter No. 201W
Dated 26th April 1892
From the Supg. Engineer IV Circle.

TECHNICAL NOTE.

Improving & extending the Govt. Offices on Stone house hill, Ootacamund.

Amount of estimate Rs 9400

1543

The Supg. Engineer IV Circle resubmits plans & estimates amounting to Rs 9400 for improving & extending the Secretariat Offices on Stone house hill at Ootacamund revised with reference to Memo No. 925C dated 23rd Febry 1892 and states that the requirements of the various departments have been settled in communication with the Officers concerned.

The estimate provides for extending the Revenue Dept. clerks room situated on the lower floor of the main building on the western side, as per plan, together with the Record room so as to give that dept. the additional accommodation required. The records which are now located in the main building in rear of the room next to the proposed extension are proposed to be placed in a new room to be built in continuation of the detached block of clerks offices next to the P. W. Office as per tracing plan submitted or by an alternative arrangement of extending the Public record room 9 feet and by widening the present back verandah 6 feet for a length of 36½ feet so as to give sufficient area for the Rev: Dept. records.

It is stated that the latter arrangement will be advantageous as it will not interfere with the Moochees room which now exists in the verandah in rear of the P. W. Office & it will further improve the appearance of the detached building.

It is also proposed to extend the room of the Chief assistant to the Military Dept. a few feet & insert a large bow window in the south face and to remedy the defective fire place by providing an iron stove.

1543/23

The estimate provides for curtailing the upper room of the Under Secretary so as to admit sufficient light to the passage at a cost of Rs 100, this arrangement appears not to be approved, vide marginal note on the report accompanying.

The scantlings of roof timbers are correct.

The rates, as far as can be checked, are fair.

No provision is made for bed plates under the beams nor for anchor bolts to corrugated iron roofing & iron ties for trusses.

The estimate amount is made up as follows:-

Improving & extending the Main building	Rs 6,250
Constructing a new record room in continuation of detached block	3,150
Total Rs	9,400

If alternative proposal be approved at a cost of Rs 2,500 the saving will be Rs 650 or the estimate amount (6250+250 Rs 8,750.

The estimate may be forwarded to the Rev & Military depts. for approval & counter-signature

Kw.

29.IV.92

No 1543 W dt 20 May 1892.

Works Department.

Mem

1543/24

I hear that Sir [illegible] has inspected the building, & does not consider the extensions & additions proposed to be necessary

DWH

3.11.92

attach this slip to G.O. 1543 W of 20 May 92, and take the papers to Madras with the records.

3.XI.92

official

B

No. 1543 W dt 20 May 1892.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

1543/25

READ the following

Office Note from the Rev Dept (R.E. No. 27 dt Aug: 25. 1891)
—do— from the Mil .. (.. .. 4928 dt Septr 3. ..)
Letter from the S. E. IV Circle (.. .. 627 W dt .. 30 ..)
—do— do (.. .. 15 W dt Jan: 8. 1892)
Office note from the Rev Dept (.. .. 8 dt Feb: 13. ..)
Endorsement by the Mil: Dept (.. .. 1102 dt .. 17 ..)
Letter from the S. E. IV Circle (.. .. 201 W dt Apl 26, .
Endt by the Public Dept (.. .. dt May 6, .
" " .. Revenue .. (.. .. dt .. 11, .
" " .. Military .. (.. .. 3109 dt .. 13, .

Ins
15 May

The Government is not prepared to spend any money on increased accommodation during the current official year. Should the application be renewed next year, it should be supported by fuller explanation than has yet been afforded as to the necessity for the additional space proposed for the Revenue Department, and the need of the new Record Room for the Public Dept.

Urgent

(19)

No. 1543 W dd 20-5

(75)

S. E. IV Circle
Rev: Dept
Public "
Military "
D. 20/5

JWB
16.5.[illegible]

S 16.5

S.

[illegible] 16/5 R 19/5

J.C. 13/5