M.R.O. 1—10,006—28-2-50

(1) Number of pages

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 3225 — Press
~~B.P.~~ No. — Mis.

Dated 14 - 11 1874, ~~195~~

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
14th November 1874.

Read the following letters:—

No. 237. From Colonel C. V. WILKIESON, R.E., Superintending Engineer, Coimbatore, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Coimbatore, 22nd October 1874, No. 91.

1 Estimate.
1 Comparative Statement.

I HAVE the honor to submit, for the sanction of Government, a revised estimate, with comparative statement, for a house and office for the Assistant Superintendent of Police at Erode, which is nearly finished, and to state that the difference between the original estimate of Rupees 7,500, sanctioned in G. O., No. 54, of 11th December 1871, and the one of Rupees 8,340 now submitted, amounts to Rupees 840, which was found necessary in the execution of the work for the reasons given below:—

I.—The foundations allowed in the original estimate for the main and out-buildings were 3 feet, 2½ feet, and 2 feet; owing to the bad soil it was necessary to increase them to 6 feet, 4 feet, and 3 feet; again, there was only a basement of 1 foot which Colonel Bean, R.E., ordered to be increased to 1½ feet; these additions caused an excess of Rupees 460, comprising the items as per margin in the comparative statement.

	RS.	A.	P.
Main building.			
Item 1	328	0	0
„ 23	36	0	0
Office.			
Item 1	16	13	11
Out-house.			
Item 1	78	14	0
	459	11	11

Items 6 and 9 in the Comparative Statement.

II.—Two doors were substituted for two windows in the main building, and the excess in this item is Rupees 12.

Item 12.

III.—In the wood-work of the main building a miscalculation resulted in a deficit of 105 cubic feet, which accounts for a net excess of Rupees 141.

Item 2.

IV.—The walls for out-houses are built of brick in chunam instead of brick in mud provided for in the estimate, hence the excess of Rupees 150 reported to Colonel Bean.

V.—The amount of compensation provided for in the sanctioned estimate is Rupees 300, whereas the actual value is Rupees 410, which caused the increase of Rupees 110.

VI.—Net increase in other small items Rupees 23.

Item 13.

Making a total excess of ...	Rupees	896
Deduct net savings effected by reduction of rates in the item of terracing from 24 to 20 Rs. ...	„	56
Net excess requiring sanction	„	840

Proceedings of the Madras Government, Public Works Department,
14th November 1874.

No. 237A. From the same Officer, dated 22nd October 1874, No. 92.

No. 238. ORDER THEREON, 14th November 1874, No. 3,225.

CIVIL WORKS, No. 22.

THE revised estimate forwarded with the above letter for a house and office for the Assistant Superintendent of Police at Erode is sanctioned. Its amount Rupees 8,340 is Rupees 840 in excess of the one sanctioned in G. O., No. 54, of the 11th December 1871. The difference is fully accounted for in the comparative statement and the letter of the Superintending Engineer and was for the most part unavoidable.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, Coimbatore.
" Officiating Controller of Public Works Accounts, with Comparative Statement.
" Judicial Department.

COIMBATORE DISTRICT.

From
The Superintg ~~Executive Engineer~~
Irrigation Range

To
The Supg. Engr.
4th Division

Dated 2 October 1874

Received

No. 19 of 1871-72

Estimate of the probable cost of Constructing a dwelling house and office with out houses for the Assistant Supdt. of Police at Erode &c.

Amount Rs. —

1921
5/10/94

IRRIGATION RANGE

Revised

No. 19 of 1871-72

COIMBATORE DISTRICT.

Estimate of the probable cost of Constructing a Dwelling House and Office with out Houses for the Assistant Superintendent of Police at Erode.

Taluq.	Name of work.	Measurement. Length	Breadth.	Depth.	No.	Contents.	Particulars of work.	Rate.	Per.	Amount of each. Article	Work.	Explanation of necessity of work, when last repaired, and at what cost.	By whom recommended
							Main Building						
		45½	2½	6	3	2047½	Foundation - Long walls.						
		13	2½	6	6	1170	do — Cross — do.						
		80½	2½	6	-	1342½	do — Verandah.						
		7	2½	6	7	735	do cross walls in do.						
		2½	2½	6	14	525	do — Pillars						
		99½	2	2	-	398	do walls between Pillars.						
		26	2¼	¾	2	87¾	do — Steps						
		4½	2¼	¾	3	22¾	do — do						
		45	2	1½	3	405	Basement Long walls						
		6	13½	2	1½	243	do — Cross						
		88½	2	1½	1	265½	do — Verandah.						
		7½	2	1½	7	157½	do — Cross walls — do.						
		2	2	1½	14	84	do — Pillars.						
		106½	2	1½	-	319½	do walls between Pillars.						
						7803	Cft or 289 Cyds of Rough stone in Chunam @	3	Cyd	867			
		44½	1½	15	2	3003¾	Superstructure - Long walls						
		14	1½	15	6	1890	do — Cross						
		87½	1½	8½	-	1115⅝	do — Verandah.						
		8	1½	9½	7	798	do — Cross Walls — do.						
		148	1⅜	2	-	407	do Parapets with Pilasters.						
		29½	1½	1½	-	66⅜	do Building wall over centre						
		26	2	½	2	52	Steps front and back.						
		26	1	½	2	26							
		4	2	½	3	12	Do sides.						
		4	1	½	3	6							
		4	1½	8	11	528	Deduct — Doorways.						
		3½	1½	7	2	73½	" — do.						
		3	1½	6	3	81	" — do						
		4	1½	5	5	150	" — Windows.						
		3	1½	4	5	90	" — do						
		4	1½	2	18	216	" — Ventilators						
		5	1½	1¼	34	318¾	" Flat arch over doors Windows and Ventilators						
							Carried over.			867			

Taluq.	Name of work.	Length	Breadth.	Depth.	No.	Contents.	Particulars of work.	Rate.	Per.	Articlo	Work.	Explanation of necessity &c.	By whom recommended
							Brought forward	- - -	-	867 " "			
		4	1½	1¼	8	60	Deduct - Flat arch over Windows						
							and doors.						
		4½	1½	1¼	2	16⅞	" ——— " over doors.						
						5842⅝	Remaining Cft or 217 C yards						
							of Brick in Chunam ——— @	5 8 -	Cft	1193 8 0			
						395½	Cft Flat arch work ——— @	" 4 "	Cft	98 14 "			
						158	R. ft of Cornice work ——— @	" 4 "	R.ft	39 8 -			
		1½		8	14	14	Pillars with Capitals Brick						
							in Chunam and plastering Com-						
							plete ——— @	6 8 -	each	91 " "			
		4		8	11	11	Teakwood Pannelled doors Com-						
							plete including wood oiling ——— @	36 " "	"	396 " "			
		3½		7	2	2	Do — Do — Do — Do — @	28 " "	"	56 " "			
		3		6	3	3	Do — Do — Do — Do — @	21 " "	"	63 " "			
		4		5	5	5	Do Venetian windows with						
							Glazed shutters Complete &c @	30 " "	each	150 " "			
		3		4	5	5	Do — Do — Do — Do — @	18 " "	"	90 " "			
		4		2	18	18	Do Ventilators Glazed — Do — @	8 " "	"	144 " "			
							Wood work.						
		15½	12"	9"	4	46½	Teak wood Beams						
		10¾	3	7	80	125 5/12	Vengay wood joists						
						171 11/12	Cft of wood work wrought and						
							put up ——— @	2 8 -	Cft	429 12 8			
		12	2½"	6"	94	117½	Verandah Rafters						
		7½	2½"	6"	4	31 7/12	Jack Rafters						
		17	4	7"	4	13 2/9	Hip Rafters						
		144	6"	8"	1	48	Bressummers						
		32½	4"	3"	-	21 7/8	Wall plates						
						237½	Cft of Jungle wood (well seasoned)						
							wrought and put up ——— @	2 4 "	Cft	534 6 "			
							Carried Over.	- - -	-	4153 " 8			

Taluq.	Name of work.	Length.	Breadth.	Depth.	No.	Contents.	Particulars of work.	Rate.	Per.	Article	Work.	Explanation of necessity &c.	By whom recommended
							Brought over			4153 . 8			
		44	32	-	-	1408	or 14 2/25 squares. Terracing with Brick on edge 3" Jelly 3 courses on flat tiles and plastering over terracing and Ceiling @	20 - -	Sq.	281 9 7			
		200	11½	-	-	2300	Sft or 23 Squares of Roofing with 3 courses of flat tiles and coats of Chunnam over reepers @	20 - -	"	460 - -			
		234		1½	-	351	Plastering Basement Exterior.						
		101½	-	15		1522½	Do Principal walls front and						
		99½	-	1½	-	149¼	rear						
		90½	-	8½	-	769¼	do Verandah walls						
		9½	-	9½	4	361	do cross walls including gables						
		49½	-	5½	-	272½	do over Verandah roof						
		156	-	5½	-	867	do parapet side & top						
		29½	-	4½	-	142¾	do Bunding wall Do						
		68	-	15	4	4080	Do Rooms interior						
		44	-	9	3	1188	Do Do						
		32	-	9	2	576	Do Do						
						10109¾							
		4	-	8	11	352	Deduct one side Doorway.						
		3½	-	7	2	49	Do Do.						
		3	-	6	3	54	Do Do.						
		4	-	5	5	100	Do Do windows.						
		3	-	4	5	60.	Do Do Do.						
		4	-	2	18	144	Do Do. Ventilators						
						759	Sft of Deductions.						
						9350¾	Sft or 93½ squares of Plastering with 2 coats of Chunnam @	2 8 -	Sq.	233 12 -			
		19½	13½	-	4	1053	Flooring rooms.						
		13½	7½	-	3	303¾	Do Do.						
		121	9	-	-	1089	Do Verandah.						
						2445¾	Sft or 24½ squares of Flooring with Brick jelly in Chunnam @	2 8 -	"	61 4 -			
							Carried over			1036 9 7			

Taluq.	Name of work.	Length	Breadth.	Depth.	No.	Contents.	Particulars of work.	Rate.	Per.	Article	Work.	Explanation of necessity &c.	By whom recommended
							Brought over			1036 9 7	-		
		7½	7½	-	2	112½	Sft. or 1/8 squares of Flooring both rooms with Asphalte over Brick Jelly in Chunnam	20 " "	Sqr.	22 8 -			
						12	Wooden Sun Shades Complete to be fixed over Verandah against Ventilators @	7 " "	each	84 " "			
						93½	Squares of White washing with Chunnam	" 3 "	Sft.	17 8 6			
						64	R.ft. of Punkah Completed to 4 Rooms @	1 2 "	R.ft.	72 " "			
						246	C.yds. of Excavating foundation and filling in Basement @	" 1 3	C.yds.	19 3 6			
						4	Brass wire guaging to ends of Beams Exterior @	2 " "	each	8 " "			
						12	C. yards of Concrete under foundation @	3 " "	C.yds.	36 " "			
										5448 14 3			
							Sundries and Superintendence @ 5 per Cent.			261 1 9			
							Total Rupees of main Building			5710 - -	5710 "		
		33½	2½	1	2	167½	Foundation Long walls.						
		11	2½	1	3	82½	Cross walls.						
		2½	2½	1	4	25	Pillars.						
					-	275	C.ft. or 10 5/6 C.yds. of Dry stone work @	1 4 "	C.ft.	12 11 5			
		33½	2½	2½	2	418¾	Foundation - Long walls.						
		11	2½	2½	3	206¼	Cross walls.						
		2½	2½	2½	4	62½	Pillars.						
		33½	2	2¼	-	150¾	Walls between Pillars.						
		10	2¼	1	-	22½	Steps.						
		33	2	1½	2	198	Basement Long walls.						
		11½	2	1½	3	103½	Cross walls.						
		2	2	1½	4	24	Basement Pillars.						
		36	1½	1½	-	81	Walls between Pillars						
						1267¼	C.ft. or 46 8/9 C.yds. of Rough Stone in Chunnam @	3 - "	"	140 10 8			
		32½	1½	12	2	1170	Superstructure Long walls.						
		12	1½	12	3	648	Cross walls.						
		12	1½	2	1	36	Gables.						
		1¼	1½	7	4	63	Pillars.						
		10	2	1½	-	10	Steps.						
		10	1	½	-	5	Do.						
						1932	Cubic feet. Carried over			153 5 11	5710 " "		

Taluq.	Name of work.	Length.	Breadth.	Depth.	No.	Contents.	Particulars of work.	Rate.	Per.	Article	Work.	Explanation of necessity &c.	By whom recommended
							Brought Over	- - -	-	153 5 11	5710 - -		
		3½	1½	7	2	73½	Deduct for Doors.						
		3	1½	4	6	108	Windows.						
		4¼	1½	1¼	8	63¾	Flat arch.						
						245¼	Total Deductions.						
						1686¾	Cft or 62 Cyds of Brick in Chunnam @	5 8 -	Cyds	341 - -			
		4¼	1½	1¼	8		Flat arch work @	" 4 -	Cft	16 - -			
							Wood work.						
		11	4	7	4	8 5/9	Hip Rafters.						
		5	2½	5	32	13 8/9	Jack Rafters						
		8½	2½	5	24	17 1/27	Rafters.						
		11	2½	5½	22	23 1/9	Ver. Do.						
		9	2½	5	12	9 3/9	Collar Pieces.						
		33	6	8	-	11	Breastsummers.						
		91	4	3	-	7 7/12	Wall plates.						
						91 2/9	Cft of Jungle wood wrought and put up	2 4 -	"	205 - -			
		35	20	-	-	700	Roofing with jungle wood.						
		35	10	-	-	350.	Rafters, flat and pan tiles						
						1050	Sft or 10.50 squares @	18 - -	Sq.	189 - -			
		112	1½	-	-	168.	Basement.						
		102	12½	-	-	1300.	Rooms inside.						
		6	7	-	4	168	Pillars.						
		95	12	-	-	1140	Rooms out side						
						2776.							
		3½	-	7	2	49	Deductions Doors one side.						
		3	-	4	6	72	Windows.						
						121	Total Deductions						
						2655	or 26½ Sqrs of Plastering with 2 coats of Chunnam @	2 8 -	Sqs	66 4 -			
						28½	Sqrs of white washing with Chunnam @	- 3 -	"	4 15 6			
		27	11½	-	-	310½	Rooms.						
		28	7½	-	-	210	Verandah.						
						520½	Cft or 5¼ Sqrs of floring with Jelly and Chunnam @	2 8 -	"	13 2 -			
						42	Cyds Excavating foundation	- 1 3	Cyds	3 4 6			
		3½	-	7	2	2	Teak wood pannelled Doors complete and wood oiling @	28 - -	each	56 - -			
		6	-	4	6	6	Teak wood Venetian Windows with glazed shutters complete @	18 - -		108 - -			
							Total Rupees			1155 15 11			
							Sundries &c at 5 per cent			44 - 1			
							Total Rupees of Office building			1200	1200 - -		
							Carried over.				6910 - -		

Taluq.	Name of work.	Length	Breadth.	Depth.	No.	Contents.	Particulars of work.	Rate.	Per.	Article	Work.	Explanation of necessity &c.	By whom recommended
							Out Houses Brought over				6910		
		38	2¼	2	2	342	Foundation: Long walls.						
		2¼	2¼	2	5	50⅝	Pillars						
		9	2¼	2	6	243	Cross and side walls.						
						635⅝	Cft or 23½ Cyds of Dry Stone work @	1 4 -	Cyd	29 6 -			
		38	2¼	2	2	342	Foundation & Long walls.						
		2¼	2¼	2	5	50⅝	Pillars.						
		9	2¼	2	6	243	Cross and side walls.						
		9	1½	3	3	121½	Partition walls.						
		37½	1¾	1	2	131¼	Basement Long wall.						
		1½	1½	1	5	11¼	Pillars						
		9½	1¾	1	6	99¾	Cross & side walls.						
		4	1	1	3	12	Steps.						
						1011¼	Cft or 37½ Cyds of Rough Stone in Chunam @	3	..	112 8 -			
		37	1¼	15	-	693¾	Superstructure - Centre walls.						
		37	1¼	8	-	370	Front wall.						
		10	1¼	11½	6	862½	Cross walls and gables						
		1¼	1¼	8	5	62½	Superstructure - Pillars.						
		10	1	6	3	180	Partition walls.						
						2168¾	Cft						
		2½	1¼	5	3	46⅞	Deduct - Doors.						
		2	1¼	3	3	22½	Windows.						
		4½	1¼	¾	3	12⅔	Flat arch Doors.						
		3½	1¼	¾	3	9¾	Do Windows.						
						91¾	Cft of Deductions						
						2077	Cft or 76 8/9 Cyds of Brick in Chunam	5 8 -	Cyd	422 4 2			
		40	32	-	-	1280	Sft or 12 4/9 Sqrs of Roofing with Palmyrah Rafters, Reepers &c @	23 - -	Sqr	294 6 5			
		2½	-	5	3	3	Jungle wood batten doors complete @	12 - -	Each	36 - -			
		2	-	3	3	3	Do Windows Do Do @	6	..	18 - -			
							Plastering Exterior						
		37	-	8	-	296	Front wall including basement						
		23¾	..	8	2	380	side wall Do Do.						
		6¼	..	8	5	250	Pillars. Do Do.						
		10	..	7	8	560	Partition walls including side & top						
		32	..	14	-	448	Centre walls one side						
		23	..	4	3	276	Gables.						
						2210	Cft or 22 Sqrs of Plastering 1 Coat with Chunam	1 12 -	Sqr	38 8 -			
		52	..	11	..	572	Kitchen interior						
		36	..	11	2	792	Godowns. Do.						
						1364	Sft or 13¾ Sqrs of mud plastering @	.. 8 ..	..	6 14 ..			
		64	10	..	..	640	Sft or 6⅔ Sqrs of flooring with raised the rooms and stables &c @	.. 8 ..	..	3 3 2			
		..	..	..	..	1	Chimney & fire place including plastering Complete	15 - -	-	15 - -			
		-	-	-	-	1392¾	Cft or 51 Cyds of Earth work @	.. 1 3	Cyd	3 15 9			
		-	-	-	-	35	Squares of white washing with Chunam @	.. 3 -	Sqr.	6 9 ..			
							Total			987 4 6			
							Sundries &c at 5 per cent			32 11 6			
							Total of out House Building				1020		
							Total				7930		
							Compensation						
							Grand Total Estimate Rs.						

Irrigation Range Office
Bhowany, 30th September 1874

Supervisor.

Supg Engineer Coimbatore

In a letter from the Superintending Engineer,
Coimbatore, to the Secretary to Government
P.W.D. of 22nd October 1874

P.W. D/14 Nov
No. B. No. 237
O.R. 1859/2/74

Revised Estimate of the building cost of Constructing a house and office for the Assistant Superintendent of Police at Erode

Amount of Estimate Rs 8340

No 91.

Superintending Engineer's Office
Coimbatore Octr 22nd 1874.

From
Colonel C. V. Wilkinson R.E.,
Superintending Engineer,
Coimbatore.

To
Colonel G. W. Walker R.E.
Secretary to Government D.P.W.
Madras.

Sir,

Encls 2.
Estimate
Comparative Statement

I have the honor to submit, for the sanction of Government, a revised estimate with Comparative Statement for a House and Office for the Assistant Superintendent of Police at Erode which is nearly finished and to state that the difference between the original estimate of Rs 7,500 sanctioned in G.O. No 572 of 1st December 1871 and the one of Rs 8340 now submitted, amounts to Rs 840 which was found necessary in the execution of the work for the reasons given below.

I.- The foundations allowed in the original estimate for the main and out buildings were 3', 2½' and 2'; owing to the bad soil it was necessary to increase them to 6', 4', and 3'; again, there was only a basement of 1 foot which Colonel Bean ordered to be increased to 1½'; these additions caused an excess of Rs 460, comprising the items as per margin, in the Comparative Statement.-

Main building.
Item 1 - Rs 328 -
" 23 - 36 -
Office
Item 1 - 16.13.11
Out House
Item 1 - 78.14 -
459-11-11

II Two doors were substituted for 2 windows in the main building and the excess in this item is Rs 12 - Items 6 and 9 in the Comparative Statement.

III In the woodwork of the main building a miscalculation resulted in a deficit of 105 cubic feet which accounts for a net excess of Rs 141. Item 12

IV. The walls for out houses are built of brick in chunam instead of brick in mud provided for in the estimate, hence the excess of Rs 150 reported to Colonel Bean.- Item 2

V The amount of compensation provided for in the sanctioned estimate is Rs 300, whereas the actual value is Rs 410 which caused the increase of Rs 110.-

VI. Net increase in other small items Rs 23.

making a total excess of Rs	896
Deduct net savings effected by reduction of rates in the item of terracing from 24 to 20 Rs	56
Net excess requiring sanction Rs	840

I have the honor to be,
Sir,
Your most obedt. servt.
M. W. Wilson Colonel R.E.
Superintending Engineer
Coimbatore.-

No. 237

P. W. 1874 Department
Pro: of Govt for Novr
From No. 859
The Supdg. Engineer
Coimbatore.
To The Secy. to Govt.
P.W.D.

Dated 22nd Octr 74
Recd 2nd November
No. 91

Submits, for the sanction of Government, a revised estimate with Comparative Statement for a House and office for the Assistant Superintendent of Police at Errode. —
Ell. No: 3225. 14-11-74.

No. 92

Supdg Engrs Office
Coimbatore 22nd Octr 1874.

From

The Superintending Engr
Coimbatore.

To

The Secretary to Govt.
P.W. Department.

Sir,

losure
timate

With reference to your memo No. 814 dated 21st October 1874, I have the honor to forward the sanctioned Estimate of the dwelling house for the Assistant Superintendent of Police at Errode. The plan will be forwarded as soon as it is received from the Range Officer.

I have the honor to be
Sir,
Your most Obedt. Servt.

Colonel R.E.
Supdg Engr Coimbatore

P.W.D.

Proceedings of the Madras Government

Read the following

From the Supdg: Engineer Coimbatore } (P.E. No. 91 d/ 22d October 1874

" " do — A.E. No. 92 d/ 22nd - do -

3225

The revised estimate forwarded with the above letter, for a house & office for the Asst Supt of Police at Erode is sanctioned. Its amoun

Rs 8340, is Rs 840 in excess o

the one sanctioned in G.O.

54 of the 11th December 187

difference is fully accoun

for in the Comparative St

-ment and the letter o

the Superintending Enginee

and was for the most pa

unavoidable.

2960

Ordered

A.G. Controller ✓
Coutt with Comparative ~~Statement~~ ✓
Judl. Deptmt ✓
Copies despd. 20/11/74.

P. W. 1874 Department
of Pub. of Govt. for No. 8860
From
The Supg. Engineer
Coimbatore.
To The Secy to Govt.
P.W.
Dated 22d } Octr/74
Recd 2d } Novr/74
No 92

Forwards the sanctioned estimate of the dwelling house of the Assistant Superintendent of Police at Erode.

P.E. No. 3225. 14-11-74.

No 237 A

6859
6860

Govt. of {1874} Madras.

PUBLIC WORKS.

To The Supg: Engr
Coimbatore

Dated

Recd. Encl. 2

G. O. [illegible] 4 Nov. 1874, No. 3225

Nos. 237-238.

House and Office for the Assistant Superintendent of Police at Erode Coimbatore Dt

The Revised Estimate for the Building sanctioned.