M.R.O. 1—77,000—8-6-31.

(1) Number of pages.

(2) Date of repair.

(3) Initials of the Referencer.

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. Press
Mis.

Dated 18

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
12th May 1864.

No. 258. Read the following Proceedings of the Madras Government in the Military Department :—

Approving of the Estimates, amounting in the aggregate to Rupees 31,715, for certain Military buildings at Bellary and Ramandroog. } (Here enter 2nd May 1864, No. 1,475.)

No. 259. ORDER THEREON, 12th May 1864, No. 1371.

1. Communicated to the Superintending Engineer, 3rd Division, for information and guidance.

No. 3,523, 1st December 1863. 2. Colonel Hemery will be reminded that under the Orders marginally noted the works cannot be commenced until the Budget for the current year shall have received the sanction of the Government of India.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 3rd Division.
" Accountant General.
" Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

Abstract Estimate of the Probable expense for Constructing one Wash House to Each married Quarters at Ramandroog

Quantities	Description of Work	Rate	Per	amount		Total
	Constructing 2 Wash Houses					
1256 3/8	Cubic feet Stone in Chunam	" 1 6	Cft	117	12 6	
577 12	Superficial feet Pointing	1 8	Square	14	10 7	
128	Square feet Flooring with rough Stone Pointed in Chunam	5 " "	Do	6	6 4	
9	Running feet of Steps	" 4 "	Rft	2	4 "	
2	Batten Doors	19 8 "	Each	39	" "	
2	Do Windows	9 " "	Do	18	" "	
28	Running feet of Granite Slabs	" 6 "	Rft	10	8 "	
256/2	Roofing with flat and pot tiles and Chunam borders	10 " "	Square	25	10 4	
19-2-"	Cubic feet of Muggerwood wrought and put up	2 8 "	Cft	47	14 8	
436	Cubic feet of Filling in Basement	" " 2	Do	4	8 8	
114	Painting to Doors and Windows	3 " "	Square	3	6 8	
2 1/4	Squares of Wood Ceiling	1 8 "	Do	3	6 "	
3	Casts for Carriage of woodwork from Bellary to Ramandroog	5 " "	Each	15	" "	
13 1/2	C. Yards of Excavation	" 4 "	CY.	3	3 "	
					311	12 9
	Sundries &c at 10 per Cent				33	3 3
	Total Estimate for 2 Wash Houses Rupees				345	" "
	for 8 Ditto Rupees				1380	

Bellary
5th March 1864

Wm. T. Kirkpatrick Captain R.E.
Executive Engineer 1st Class

Lt. & C.R.E.
Supg. Engineer 3d Division

New work
Military

Estimate of the probable expense for constructing verandahs to 13 Cells in the Cantonment of Bellary, as called for in the Proceedings of the Madras Government No 2795 dated 26th September 1863.

Quantities	Description of work	Rate	Per	Amount	Total
1138	Stone in Chunam	1	C ft	27 6	
206¼	D	12	do	15 7	
484.6	Plastering with 2 coats of chunam	2 8	pedge	12 1 9	
50	Lspl ft of slabs	14	pcd ft	4 2 8	
55.33	C ft of Nuggerwood wrought & put up	2 4	C ft	124 5 9	
40¼	Terracing with brick on edge 3 comers of flat tiles &c	22 8	Square	9 10	
412	Roofing with 3 corners of flat tiles and 3 coats of plaster	9 10	do	39 10 5	
5¾	Sqrs of wood oiling	1 8	do	8 10	
280	Making up gravel flooring to verandah	1	do	2 12 9	
142	C yds of Excavation	2	C yard	1 13	
	Filling in basement, scaffolding and Sundries &c at 10 per cent			25 1 3 2 5 3	
	Total for one			270	1120
	do do two				540
	Add 25 per cent for one on the Citadel			337 8	
	For 11 required on the do				3712 8
					1120
	Total Estimate Rupees				4262 8

One hundred [illegible]

Wm H Eichen Capt RE
Executive Engineer 1st Class

Dewcum Lt RE
Dep Qr Engineer
3 Div

2224.

Rec.d 18th Sept.r 1863.

Asst.r Adj.t Genl
Mil.y Dep.t

Abstract Estimate of the probable expenditure for executing Barracks &c &c at Cannanore with the Establishment of Artillery & Sappers & Miners required for the same as called for in Proceedings of the Madras Government No.2795 dated 26th September 1863.

New Work.

Military.

Abstract Estimate.

Work. Constructing Quarters for Hospital Serjeant at Bellair. as called for in the Proceedings of the Madras Government No.2795 dated 26th September 1863.

Contract.		Rate			Per	Amount			Total		
3381-6.	Stone in Mud.	.	1	.	₰	211	5	6			
1833-9.	" " Common.	.	1	2	"	352	7	4			
3828.	Plastering with 2 Coats of Common.	2	8	.	₰	95	11	2			
134.	Rft of Cornice work.	"	4	.	₰	33	8	"			
2371.	Pointing with Common.	1	"	.	₰	28	11	4			
374.	Rft of Sheds over doors & Windows &c.	.	2	.	₰	46	12	.			
345-6	Flooring with Syro-Granite Slabs.	7	8	.	₰	100	4	7.			
54.	Rft of Steps.	"	4	.	₰	13	8	.			
6.	Doors. 3-6x6-6. ₰ Panelled & ₰ Venetian	25	10	.	each	153	12	.			
4.	Do 3-6x7-" ₰ Do & ₰ Do.	27	9	.	"	110	4	.			
8.	Windows. 3-6x4-6. ₰ Do & ₰ Do.	17	12	.	"	142	"	"			
10.	Ventilators. 3x1-6. Glazed	8	"	.	"	80	"	"			
10	Crome Ventilators Sheet Iron	.	8	.	"	5	"	"			
231.	Rft of Angle wood. wrought & planed.	2	4	.	₰	519	12	"			
9-6	Roofing & Large rooms with Terracotta tiles on 4 Coats 3 Courses of Battens. Laths & 2 Coats of Common.	22	9	.	₰	159	10	2			
104.	Roofing & Verandahs on Balls, roomes with 3 Courses of Flat tiles in Common with 2 Coats of plaster & Mugger wood & Rafters.	8	"	.	"	88	5	1.			
12-6.	Sqrs of Green painting. with 2 Coats.	3	.	.	"	37	8	"			
13.	" of wood Oiling. 2 Coats	1	8	.	"	19	8	"			
90	Cubic of Excavating.	.	2	.	₰	11	4	"			
						2209	13	2			
	Filling in Basement & Sundries &c. at 10 ₰ Cent.					221	2	10	2431	"	"
	Cook. house.										
723.	Stone in Mud.	"	1	.	₰	45	3	.			
272¼	" in Common.	"	1	2	"	19	13	7			
1.	Door 6x2-6. Batten.	13	2	"	each	13	2	"			
3.	Venetian Standing windows 2-6x1-6.	5	"	.	"	15	"	"			
2.	Crome ventilators Iron.	"	8	.	"	1	"	"			
50.	Flooring.	7	3	"	₰	3	12	"			
	Fire place Complete.	"	"	"	"	10	"	"			
	Chimney.	"	"	"	"	7	"	"			
353.	Cubic of pointing.	1	"	.	₰	8	3	5			
2½	Rft of Steps.	"	4	.	₰	"	10	"			
10.	Cubic Excavation.	.	2	.	₰	1	4	"			
	Carried forward					125	5	.	2431	"	"

	Brought forward.						125	5	·	2431	" "
1/2	Sqrs of Green painting.	@	3	"	·	ysqrs	1	8	"		
25	Sqrs ft of Iron Oiling	@	1	8	"	"	"	6	"		
10.6	C/ft of Rugger wood wrought & put up	@	2	4	·	yC/ft	23	10	"		
89¼	Sqrs ft of Tarracing.	@	22	8	·	ysqrs	20	1	8		
30.	Rft of Slates.	@	"	1	"	yscore	1	14	"		
							172	12	3		
	Sm drics & Cs @ 10 per Cent.						17	3	9	190	" "
	Prices										
911.6	Stone in Bm C.	@	"	1	·	yC/ft	56	15	6		
193.6.	" in Chimand.	@	"	1	2	"	14	1	9.		
6.9	C/ft of Rugger wood wrought & put up	@	2	4	·	"	15	3	"		
70¼	Sqrs ft of Tarracing.	@	22	8	"	ysqrs	15	12	10.		
21.	Rft of Coping	@	"	4	·	yRft	5	4	"		
1.	Door Batten 2.6 x 6.	@	13	2	·	each	13	2	"		
3.	Venetian Ventilators. 2 x 2.	@	5	"	"	"	15	"	"		
3.	Gromd Ventilators	@	"	3	"	"	1	8	"		
53½	Flooring.	@	7	3	·	ysqrs	4	6	2		
849	Sqrs ft pointing.	@	1	"	"	"	8	7	10.		
½	Sqrs of Green painting	@	3	"	·	·	1	8	"		
¼	" of Iron Oiling.	@	1	8	"	"	"	6	"		
3.	Rft of Slips	@	"	4	·	yRft	·	12	"		
1.	Set Compotes.	@	"	"	"	·	5	"	"		
							157	7	¾		
	Sm drics & Cs @ 10 per Cent.						15	8	11	173	" "
	Total Estimated Prices									2794	" "

Mo: H Richmond Capt RE.
Executive Engineer 1st Class

Ex. Engineers Office
Bellary 2d Nov 1863

Brevet Lt Col RE
Superg: Engineer
3d Div

New Work — Abstract

Military

Estimate of the probable expense of Constructing Four additional Cells with verandahs for the 74th Highlanders at Bellary as called for in the Procdgs of the Madras Govt No 2795 dated 26th September 1863

Quantities	Description of work	Rate	Per	Amount	Total
1094	Stone in Chunam	" 1 "	C.ft.	68 6 "	
1434.6	do	1 2 "	"	104 9 7	
1888 3/4	Plastering with 2 coats of chunam	2 8 "	Sqe	47 3 6	
108.6	Flooring with square granite slabs	7 8 "	do	8 2 2	
239 3/4	Sqft ft of slabs	" 1 4	S.F.	19 15 8	
25	Rg feet of Cornice	" 8 4	R.F.	6 4 "	
69.8.2	6 ft of Nuggur wood wrought & put	2 4 "	C.F.	156 12 6	
168	Terracing with brick on edge 3 courses of flat tiles, jelly & 2 coats of plaster	22 8 "	Sqe	37 12 9	
412	Roofing with 3 courses of flat tiles and 3 coats of plaster	9 10 "	do	39 10 5	
2	Batten doors 2.6" x 6' each	15 " "	each	30 " "	
1	Trap door			3 " "	
3	Rg ft of steps	15 " "	R.F.	45 " "	
2		" 4 "		" 12 "	
3	Tin spouts	5 " "	each	15 " "	
1		1 " "		3 " "	
60	Green painting	4 " "	Sqe.	16 " "	
		3 " "		1 12 9	
717	wood oiling	1 8 "	do	10 12 5	
35	Cqrs of Excavation	" 2 "	Cqd.	4 6 "	
280	Sqft ft of gravel flooring	1 " "	Sqe	2 12 9	
	Filling in basement, scaffolding and Sundries at 10 per cent			65 12 2 ~~64 11 6~~	
					650 " "
	Total for 1 cell				600
	-do- 4 required				2400 " "
					2770 " "

Engr. Engineers Office
Bellary 2nd Nov 1863

Asst Engr
Dpty. Engineer 3 Dn

Lt. R.E.

W. F. Eichin Capt R.E.
Executive Engineer 1st Class

Sum required for the Artillery Mess and Men &c.

2026
Dft 4485/1864
Rs. D. No 1978 of 1864.

Abstract Estimate of the
4 Cells for Confinement &
Quarters for a Hospital
Sergeant at Bellary amounting
to Rupees 2770 — — —

Sept 8 1868

New Works
Military

Abstract

Work Constructing a Building for the performance of Divine Service on the Ramandroog.

Contents		Rate Per	Amount	Total
11.935⅓	Stone in Chunam ——— ⊙	- 1 6	₹ C.Ft	1118 15 -
517	Arch work of Brick in Chunam ———	- 4 -	-	129 4 -
8,072½	Plastering with 2 Coats of Chunam ———	- 3 6	₹ Sq.t	272 4 1
2885	Flooring with Square Slabs ———	- 10 -	-	288 8 -
698	Square feet of Slabs ———	- 2 -	₹ Sq.t	87 4 -
2370	Roofing the Main Building ———	- 40 -	₹ Sq.t	948 - -
2227	" the Verandah ×½ ———	- 30 -	₹ Sq.t	698 1 7
322½	Honey Comb Work ———	- 5 -	₹ Sq.t	16 2 -
43-6-0	C.ft of Nuggur Wood wrought & put up	- 2 4	₹ C.Ft	97 14 -
2	Batten Doors 5×7 Each ———	- 35 -	Each	70 - -
1	——— Do ——— Do 3×6 — " ———	- 18 -	-	18 - -
14	Glazed Windows 4-6×6 — " ———	- 27 -	-	378 - -
1	——— Do ——— Do 3×4½ — " ———	- 14 -	-	14 - -
10	— Do Ventilators 3×1-6 — " ———	- 5 -	-	50 - -
2	Do Sunlights Over Doors ——— "	- 17 -	Each	34 - -
14	Venetian Window Shutters 5×6½ — "	- 33 -	-	462 - -
1	——— Do ——— Do 3×4-6 — "	- 14 -	-	14 - -
12	Iron Ties ———	- 17 -	-	206 - -
9	Sqs of Green Painting ———	- 3 8	₹ Sq.t	31 8 -
3,343	Wood oiling ———	- 2 -	-	66 13 9
25	Bandies for Carriage from Bellary to Ramandroog ———	4 8	Each	112 8 -
133	C.e Yards of Excavation ——— ⊙	- 3 -	C.Ft	24 15 -
	Probable Cost of Furniture ———	318	- -	5454-4-5
	Sundries ab 10 ₹ Cent ———			545-11-7
	Total Estimate Rupees ———			6000 - -

Exc: Engineer's offis
Bellary 19th November 1863

Wm. F. Fraser Capt R.E.
Exc: Engineer 1st Class

Approved
L.t Col R.E.
Superg: Engineer 3d Div.

Abstract Estimate of the probable expense for erecting one additional cells with verandah for the 74th Regt Lancers at Bellary amounts to Rupees 2400 - - -

Lt Hoggs

Bellary, 488 of 1864.

Rec.d Nov.r 28th 1864.

2026

2026
P.W. 1885/64

P.W.D. No 18 of 1864.

Log R 11480

New Work
Military

Abstract Estimate of the probable expense for Constructing a Commissariat Store at Ramandroog as called for in the Proceedings of the Madras Government No 2,795 dated 26th September 1863

Quantities	Description	Rate			Per	Amount			Total
3731⅜	Stone in Chunam @	.	1	6	C.ft	349	13	1	
55½	Flat arch work in Chunam @	.	4	6	do	15	9	9	
110	Cornice @	.	4	.	R.F.	27	8	.	
1233	Pointing the interior @	1	2	.	Cyr	13	13	11	
2223½	Plastering 2 Coats of Chunam @	3	6	.	—"—	75	.	8	
29×1½	Slabs of Basement @	"	6	"	R.F.	11	1	.	
5×1½	do to Doorway @	"	6	.	—"—	1	14	.	
16×1½	do over Ventilators. (4) @	"	6	.	—"—	6	.	.	
8×2	do to Pillar heads (2) @	"	8	.	—"—	4	.	.	
449¼	Flooring with @	10	.	.	Sqare	44	14	10	
405	Roofing with Terrace Brick on edge. Selly 3 courses of Flat Tiles ½ coats of Chunam @	25	.	.	—"—	101	4	.	
180	Roofing with flat & Pot Tiles & chunam borders @	10	.	.	—"—	18	.	.	
4×7	1 Teak wood batten door complete @	28	"	.	each	28	.	.	
3×4½	3 do Batten windows with iron bars @	21	9	.	—"—	64	8	.	
3×4½	1 do Glass windows with do @	24	"	.	each	24	.	.	
3×1½	4 Ventilators - Batten @	5	.	.	"	20	.	.	
2"	30 Wooden Pegs @	"	6	.	"	11	4	.	
	6 Iron Ground Ventilators @	"	6	.	"	2	4	.	
22	Steps @	.	6	.	R.F.	8	4	.	
35	Excavation @	"	3	.	Cyr	6	9	.	
	Filling in basement @					10	.	.	
124½	Teak wood @	2	8	.	C.ft	311	4	.	
	Carpenters for Shelves					10	.	.	
323	Painting Green 2 coats @	3	8	.	Sqre	11	4	10	
750	Wood oiling @	2	.	.	—do—	15	.	.	
	For to provide Handles for carriage of wood 12. work doors windows &c &c from Bellary @	5	"	.	each	9	"	"	
1400	White washing 3 coats @	.	4	.	Sqre	60	.	.	
	Sundries for Scaffolding & minor Superintendance @ 10 per cent.					3	8	.	
						126	2	11	
	Total Estimate Rupees								1390 — "

Bellary 2d November 863. E Denny Lieut RE Asstt Engineer 3d Class

Wm. F. Fischer Capt
Exc. Engineer 1st Corps

Abstract Estimate of the probable expense for Constructing a Commissariat Store room at Ramandroog, amounting to Rs 1390——

New Work. Military

Estimate of the probable cost of the proposed additions to Wash houses for each block of Barracks of the 74th Highlanders at Bellary as called for in the Proceedings of the Madras Government No 2795 dated 26th September 1863.

Quantities	Description of work.	Rate	Per	Amount	Total
1470½	Stone in Chunam	. 12	Cft	107 3 7	
49½	Cft arch work.	. 3 .	do.	9 4 6	
100.9	Honey comb work.	. 3 .	Sqeft	18 14 3	
1321¾	Plastering 3 coats of chunam	3 1 .	Square	40 7 7	
77	R.F. Cornice	. 4 .	R.F.	19 4 .	
285	Sqft floor with square granite slabs	7 8 .	Square	21 6 .	
6	Rg ft of steps.	. 4 .	R.F.	1 4 .	
183	S.F. Paving.	9 4 .	Sqre	16 14 10	
42.8.4	Cft Sugger wood wrought & put up	2 4 .	Cft	96 1 .	
279½	Terracing with brick on edge 3 coats of flat tiles & 2 coats of plaster	22 8 .	Sqre.	62 14 2	
1	Batten door.			35 . .	
3/4	Sqrs Green painting to doors &c	3 . .	do	2 4 .	
2½	do wood oiling.	1 8 .	do	3 12 .	
39	R.F. Masonry drain	. 4 .	R.F.	9 12 .	
1	Cistern with Lid complete.			30 . .	
3	Tin ventilator tubes			3 . .	
	Excavation, Sundries &c at 10 per cent.			45 10 1	
	Total Rupees.			523 . .	
	For nine required.			4707 . .	

Exd. Engineer's Office
Bellary 2nd Nov. 1863

Wm. F. Fletcher Capt. R.E.
Exd. Engineer 1st Class.

(Decency Lt. R.E.)

Superg: Engineer 3rd Class

No 2026
Dated 4th Nov. 1863.

Rd. D. Sept. 1863 Ult.

New Work
Military

Estimate of the probable cost of the proposed additions to the expenses of Commissariat Office & Quarters of Assistant Commissariat General & Deputy Commissariat General & Quarter Master General & Deputy Quarter Master General & Deputy Assistant Quarter Master General & Deputy Assistant Adjutant General & Deputy Judge Advocate General & Deputy Superintendent of Stores & Deputy Superintendent of Ordnance as called for in the Proceedings of the Madras Government No 2795 dated 26th September 1863.

Sept No 19918

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper :—

From the Superintending Engineer 3rd Division, Camp Madanapalle, 9th April 1864, *No.* 314 ; *to the Secretary to Government, Public Works Department.*

With reference to my letter as per margin, I have the honor herewith to forward for the approval and sanction of Government, the undermentioned Estimates amounting in the aggregate to Rupees 31,751, for Military Buildings at Bellary and Ramandroog, entered in Part I of the Budget of 1864-65.

No. 219, 27*th November* 1863.
Enclosures 20.
10 *Estimates*, 9 *Plans*, 1 *letter with enclosure.*

Bellary.

Additions to the Wash-houses of the European Regiment... ...	Rupees	4,707
Eight additional Cells with Verandahs...	„	5,440
Verandahs to existing Cells...	„	1,120
One Hospital Serjeant's Quarters...	„	2,794
One Apothecary's Quarters...	„	3,446
Six Privies, separate Latrines for males and females of one Cavalry and two Native Infantry Regiments...	„	3,480

Ramandroog.

One Commissariat Store...	„	1,380
One Bath-room to each married Quarters...	„	1,360
A School-room...	„	2,154
Do. for the performance of Divine Worship...	„	5,870
Total Rupees...		31,751

2. Eight additional Cells have been provided for at the request of the Major General Commanding the Division, namely, four for the European Regiment and two for each of the two Batteries of Artillery at Bellary.

Referred to the Military Department.
(Signed) C. A. ORR, Colonel, R. E.,
Secretary to Government, P. W. D.

18*th April* 1864.

ORDER, No. 1475, *2nd May* 1864.
Approved.
(True Extract.)

Deputy Secretary to Government.

To the Public Works Dept., with 10 Plans and 12 Estimates, &c. & 20 Spare Copies.
„ Quarter Master General.

Exd. W. Regel.

28/5-1/3 ✓

C.P.N. 1864 Despatch
Govt of Fort St George
No 2026

Pub: Mg 1865

Mil: Sec: Mily Despatch

Recd 23 May/64
Read 25 May/64

C.P. 22 10/475

C.P. 3693/64

× Env Estimate & Letter quoted in margin Nos 2195/66 28-5-66

No 1371 — 12th May 1864.

Approving of the Estimates amounting in the aggregate to Rs 31,751 for certain Military buildings at Bellary and Ramandroog.

No 255-2 Cy

Letter and Orders.

1371

No 1371

1 Communicated to the Superintending Engineer 3d Div for information and guidance.

2. Lt Col Kemery will be Requested that under the orders marginally noted the works Cannot be Commenced until the Budget for the current year shall have received the Sanction of the Government of India.

3523.1 Dec 1/63

With 9 Reports & 2 Letters

To The Supt Engr 3d Div Chepaud
" Accountant Genl
" Controller & Auditor Genl
" Telegraph Department
Dup 12th May

12th May 1864

X 87