(1) பக்கங்களின் எண்ணிக்கை 68
(2) புதுக்கித் திருப்பிய நாள் May. 88
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண். 653 / 54 W.
அச்சகம் / பலவகை

நாள் : 24.2.1888 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண, கா-1—18,006—15-6-87.

24th February 1888, No. 653 W., Public Works.

6538/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following papers:—

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 5th July 1887, No. 2357 A.

I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the estimates and plan below mentioned, which have been approved by the Commander-in-Chief. The plans and estimates have been countersigned:—

Two estimates, amounting to Rs. 8,000 and 13,400, respectively, for constructing quarters for an apothecary and two assistant apothecaries attached to the Station Hospital at Wellington, with two plans.

2. The work is included in the final issue of the budget for 1887-88, item 2, class B.

No. 4026, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

Ootacamund,
7th July 1887.

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

No. 2356 C.

Returned to the Superintending Engineer in view to the plans and estimates being countersigned, and a report, specification and general abstract submitted.

(By Order.)

13th July 1887.

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Dy. Chief Engineer, P.W.D.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Udamalpet, 19th August 1887, No. 348/E.W.

I have the honor to return the two plans and estimates received with your endorsement, No. 2356 C., dated 13th ultimo, one for constructing quarters with out-houses for an apothecary at Wellington, amounting to Rs. 7,860, and the other for quarters for two assistant apothecaries at the same station, amounting to Rs. 13,310, together with a report, specification and duplicate abstracts of the estimates.

2. The plans and estimates have now been countersigned. The letter of the Executive Engineer, Nilgiri Division (in original), No. 1531, of 15th August 1887, is herewith forwarded for your information.

Memorandum, No. 539 D.

In returning the papers received with letter from the Superintending Engineer, IV Circle, No. 348/E.W., dated 19th August 1887, the undersigned has the honor to draw attention to the remark of the Government of India in paragraph 3 (ii) of their resolution printed with Proceedings, No 1160 W., dated 28th April 1887, and to inquire whether a less expensive class of buildings cannot be provided for medical subordinates at Wellington. In the plan of quarters for two assistant apothecaries provision is made for two servants' godowns for each set of quarters, whereas appendix C, section I, Public Works Code, allows three servants' quarters for two assistant apothecaries' quarters built *en bloc*; also one general cook-house with a compartment for each set of quarters. The estimates for main buildings should also be scrutinised carefully in view to reductions being effected if practicable.

2. It should be explained how the figure, Rs. 5 per square foot, as the prevailing local rate, is arrived at.

3. An early reply is requested.

OOTACAMUND,
7th September 1887.
(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, Public Works Department.

From J. W. MARTIN, Esq., Executive Engineer, in charge of IV Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 2nd January 1888, No. 4/E.W.

In continuation of this office letter, No. 492/E.W., dated 12th December 1887, and with reference to your memorandum, Nos. 2356 C. and 539 D., of 13th July and 7th September 1887, respectively, I have the honor to forward plans and estimates, amounting to Rs. 18,500, for constructing three apothecaries' quarters at Wellington, together with a general abstract of the estimates and a report and specification.

2 The plan and estimate, amounting to Rs. 21,170, originally submitted have been carefully scrutinised and every endeavour made to reduce the cost to Rs. 16,000 as suggested in G.O., No. 3163 W., of 22nd November 1887; but it cannot be reduced below Rs. 18,500.

3. The reduction has been effected by—

I. Building the three quarters in one block instead of two.

II. Reducing the area to practically the dimensions* given in appendix C, section I, of the Public Works Code.

* Please see the accompanying statement.
(Intld.) J. W. M.

III. Building with brick in mud instead of with brick in chunam.

4. With regard to paragraph 2 of your memorandum, No. 539 D., dated 7th September 1887, the Executive Engineer, Nílgiri Division, states that the latest single storied building constructed at Wellington, viz., the Barrack Serjeant's quarters, is built of brick in mud and costs Rs. 4-12-4 per square foot, and a rate of Rs. 5 was therefore taken as local rate.

5. The papers received with your memorandum, No. 2356 C., are herewith returned.

No. 267 C.

The revised plan and estimate are forwarded for the approval of Government in the Military Department.

(By Order.)

CHEPÁK,
21st January 1888.
(Signed) W. L. C. BADDELEY, Captain, R.E.,
Under Secy. to Govt, P.W.D.

No. 512, Military.

Referred to His Excellency the Commander-in-Chief.

(By Order.)

FORT ST. GEORGE,
24th January 1888.
(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 7th February 1888, No. 589 A.

I have the honor, by order, to return, duly approved by the Commander-in-Chief, the revised plan and estimate, amounting to Rs. 18,500, for constructing quarters for three apothecaries at Wellington, received under Reference G.O., No. 512, of 24th ultimo.

No. 1007, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

FORT ST. GEORGE,
13th February 1888.
(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

ORDER—dated 24th February 1888, No. 653 W., Public Works.

Ordered to be forwarded to the Government of India with reference to their remark in paragraph 3 (ii) of the resolution printed with Proceedings of Government, No. 1161 W., dated 28th April 1887.

(Here enter No. 654 W., dated 24th February 1888.)

(True Extract.)

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Military Department.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1888) Madras.

PUBLIC WORKS.

Dated February, 24th.

Recd. *Recd.*

G.O., 24th Feb. 1888, No. 653 W.

FEBRUARY.

Quarters for three Apothecaries at Wellington

[Certain correspondence regarding the onstruction of —, ordered to be forwarded to the Government of India.

24th February 1888, No. 654 W., Public Works.

65889/3

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Letter—from
Colonel H. R. MEAD, R.E.,
Joint Secretary to the Government of Madras,
Public Works Department,

To
The SECRETARY to the GOVERNMENT of INDIA,
Military Department.

Sir,

With reference to the remark in paragraph 3 (ii) of Government of India resolution, No. 607 M.W., dated 18th March 1887, to the effect that the provision of Rs. 16,000 made in the Madras Military Works budget for 1887-88, for constructing quarters for three apothecaries at Wellington, seemed too high, and that the allotment was admitted on the condition that no excess is permitted to take place, I am directed to forward a copy of the Proceedings of this Government, No. 653 W., dated 24th February 1888, together with a plan and estimate, amounting to Rs. 18,500, for constructing the quarters in question. The original estimate for the work amounted to Rs. 21,170, but in view of the remarks of the Government of India above referred to, it has been reduced to Rs. 18,500 by restricting the accommodation to the area allowed in section I, appendix C, Madras Public Works Code, and by substituting brick in mud for brick in mortar. Owing to the high cost of all building work on the Nílgiris, it does not seem practicable to reduce the estimate any further, and I am directed to request that the Government of India will permit the work to be carried out in accordance with the revised design and estimate now submitted.

2. The current year's budget allotment of Rs. 16,000 has been reappropriated to other purposes, it being now too late in the year to spend any money on the work, but a grant of Rs. 6,500 has been provided for it in the preliminary issue of the budget for 1888-89.

3. The return of the enclosures is requested.

I have the honor to be,
Sir,
Your most obedient servant,

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

Fort St. George,
24th February 1888.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated February, 24th.

Recd. *Encl.*

G.O., 24th Feb. 1888, No. 654 W.

FEBRUARY.

Quarters for three Apothecaries at Wellington

Forwarding revised plan and estimate for constructing — and submitting explanation with regard to the cost of the work.

PWC No 6604.

W 6 15/3 See note by B

The Govt of India having sanctioned 16000 Rs in this year's budget for three Apothecaries quarters at Wellington, on the understanding that this sum is not exceeded; it is necessary to enquire into the scale of accommodation provided by the Ex Engr Nilgiris, as his estimate for quarters for an Apothecary and two Assistant Apothecaries, amounts to

Apothecary	7860
2 Asst Apothecaries	13,310
Total Rs	21,170

The accompanying statement shows the various scales of accomodation laid down; but with regard to that provided for in the PW Code, I am inclined to think that it is merely intended as a guide for settling compensation; for you in

---

ublic Works Department.

o. 6604

are that Typ: Plan No 12
which may be taken as
recent authority; provides
a much more liberal scale of
accommodation.

At the same time I think the
buildings provided by the
Ex Engr Nilgiris are of too
high a class, and it would
be advisable to return the
plans & estimates for revision
if there is likely to be any
difficulty about obtaining
the additional funds. If not
the plans and estimates may
be sanctioned, and the
question of obtaining additional
funds may be allowed to lie over.
It is desirable that the grant
of 16000 be fully utilised this
year, and if the plans & Est
are revised, it is certain that
most of the grant will lapse.
The Ex Engr says that the pro rates
at which the quarters are to be
constructed is 4-8 per cent for
compares favourably with the
and DPW rates on the Nilgiris
2.9.37

Cns 6604
6538/E

To W

For orders whether,
as suggested by DW. i.e.
the papers shall be returned
for preparation of a cheaper
design. Having regard to
the cost of buildings on
the Nilgiris, it does not
seem ~~likely~~ likely that a
cheaper design will be
made without curtailing
the accommodation.

If the present
design be accepted, it
seems necessary to ask
India's permission to
commence the work vide
their remarks in para 3
(ii) of Resolution No 607 ...
of 15.3.37. It is possible
that the G. of I. meant
that the provision of funds
for the current year
seems too high, & that
they did not intend
to place a limit on the
total amount of the

---

ublic Works Department.

s. 6604

348

estimate, which is within the power of sanction of the Govt. If they intended to limit the amount of the estimate, such action would be an interference with the powers vested in this Govt ~~*~~ by the P.W. Code.

Ch
5.9.87

The provision of 2 godowns & a stable for each set of quarters seems excessive & I do not know if it is authorised. The prevailing rate of 5 Rs a sq: ft quoted by the Exec: Engr is not explained. The S.E. should be requested to report with reference to the G of I remarks.

Jn
5/9/87

To
W

According to Appendix C, Sec i P.W. Code, an apothecary is allowed 2 godowns ~~[illegible]~~ or

and DPW notes on

2.9.87

Public Works Department.

No. 6604
348

or servants houses, one cook-house & one stable. 5/9/7

For Asst. Apothecaries, when two quarters are built en bloc, three servants quarters, one cook house with two compartments, & two stables are allowed for the block.

The only excess therefore is one godown in the plan for Asst. Apothecaries.

The accommodation in main buildings is in excess of that allowed by appendix C, but less than that allowed in the G. of I. type plan.

With ~~[illegible]~~ respect to the prevailing rate of Rs 5 per sq. ft., the S.E. gives the same figure as prevailing rate in calculating the Govt grant for the military Churches at Wellington.

Ch
6/9/87

The S.E. should be called on to report & explain, with reference to G of I remarks, the cause of the estimate being so large. Jn 6/9/87

D. W. 6589/8

In para 2 II of their resolution No. 607 M. W. dated 18th March 1887 printed with G. O. No. 1160 W dated 28th April 1887, the Govt. of India notice that the sum of Rs. 16,000 provided in the current year's budget for apothecaries' quarters at Wellington is too high and sanction the amount on the condition that no excess will be permitted to take place.

2. The S. E's attention was drawn to these remarks in para 2 of G. O. No. 1160 W d/28th April 1887. In spite, the S. E. submits an estimate for the work amounting to Rs. 21,170 or Rs 5,170 in excess of the allotment so admitted by the Govt. of India. The S. E. does not assign any reason for the increase. In para 3 of the report that accompanies the estimate the E. E. however explains that the estimate compares very favorably with the prevailing local rate per Square ft.

3. If the excess is considered indispensably necessary, the sanction of the Govt. of India should be obtained.

Submitted for orders.

[illegible] 9.9.87

N/19

2. 9.

Public Works Department.

Current No. 6604

Letter No. 348/E.W.

Dated the 19th August 1887

From the S. E. IV Circle

6538 59 / 2 9

7860
13310
21,170

NOTE OF REMARKS.

1. With reference to Chief Engineer's endorsement No. 2356C of 13th July 1887 the accompanying plans and estimates have been returned from the S. E. IV. One for constructing Apothecary's Quarters with out houses at Wellington amounting to Rs. 7,860, & the other for two Assistant Apothecaries Quarters with out houses amounting to Rs. 13,310.

2. Estimate of Rs. 7,860 for Apothecary's Quarters with out-houses is div[illegible] as follows:—

[illegible] Rs. 5461

2.9

Capt R.

Brought forward Rs 5461

Kitchen & Godown &c	Rs	2137
Latrine	"	262
Total	Rs	7860

3. Estimate Rs 13,310 for two Assistant Apothecaries Quarters with outhouses is divided as follows:—

Main building	Rs	9,360
Kitchen & Godown &c	"	3,510
Latrine	"	440
Total	Rs	13,310

4. Full particulars regarding the constructions of these Quarters are explained in the accompanying report. The specification is submitted.

5. It is proposed to construct these Quarters as per Scale laid down for hi[ill] stations vide Appendix C Section: I of the P.W.D. Code.

6. [illegible] of the type design of "Block plan of Quarters for Medical subordinates attached to a Station Hospital of 124 beds" lately received vide G.O. No 1979 W of 25th July 187 is put up for your information.

7. Apothecary's and Asstt Apothecaries Quarters with out houses.

Foundations of the main buildings & out houses except latrines are to rest on concrete of blue metal 9" thick.

Foundations, basements, and Superstructures including archworks of the main buildings are to be built of brick in mortar; as for out-houses & latrines these are to be built of brick in clay except the archwork in brick in chunam. Plastering to main building is to be of 2 coats chunam and

Capt R.
Dy. Chief Engineer P.W.

[illegible]

for outhouses & latrines they are to be of one coat of Chunam & white-washed.

Boarded floors, Sitting rooms, bed rooms. & dining rooms of the Apothecary's & Two Asst. Apothecaries Quarters are to be floored with teak boards, Joists & wall plates &c complete; the bath rooms & Verandahs and out houses (except the stables which are to be floored with 6" of gravel) of the above Quarters are to be floored with 9" Sqre bricks on 4½" concrete pointed with Cement.

trines of both the Quarters e to be floored with ½" asphalte on 4½" concrete.

Roofings to main buildings, outhouses & latrines of both Quarters are to be of corrugated iron, pantiles & chunam bands complete.

All wood work for the main buildings of both Quarters are to be of teak, & those for

658859
H.

for outhouses & latrines are to be of venteak wrought & put up & all the wood-work are to be wood oiled 2 coats.

The scantlings of timbers are correct except the first two items in the detailed estimates of wood work of the main buildings of both Quarters (i.e. in the Sitting rooms & bed rooms) which scantlings seem not to be of proper size. The estimates allow 6"×9" for ridge purlins & 3"×5" for purlins. I beg to submit that these should be altered to 3"×8" & 4"×8" respectively which would be the proper scantlings, the alterations have been made in pencil in the plans & in the detailed estimates, which if approved will be inked in. By these alterations the estimate amount of each Quarter will be increased by Rupees 50.

Capt. K
Dy. Chief Engineer P.W.

All doors & windows &c are to be made of Burmah teak & are to be painted with 2 coats of Chocolate paint.

8. The rates are fair.

9. The following lump sums are provided in the estimates for the undermentioned items which cannot be checked.

Apothecary's Quarters
Main building.

Wood oiling to roof timbers - - - - -	Rs 50.
Anchor bolts for wall purlins - -	" - 25.
Zinc Valleys and ridge laps - - -	" - 25.
Cutting high ground filling at Godowns & levelling site - -	" - 150.

Two Asstt Apothecaries Quarters
Main building.

Wood oiling to roof timbers	Rs 80,
Anchor bolts for wall - purlins &c. —	" 50,
Zinc guttering & laps to Valleys &c. - - -	" 50,
Cutting high ground and levelling site. -	" 400, ✓

Also there are fewer items of lump sums provided in the estimates of out houses of both Quarters, but they do not seem very heavy.

65859/12

10. Contingencies and Petty supervision are separately charged at 2½ per cent.

11. In para 2 of his letter the S.E. says:— "The plans and estimates have now been countersigned". But only the estimates have been countersigned & not the plans. The plans & estimates have however been countersigned by the Qr Mr General and approved in the Military Department.

SHC.

25.8.87. The plans & Ests may be sanctioned.

Note by E.W.

The scantlings of the roof timbers in the main buildings, have been

C. No. 9256

altered as marked on the plans in red ink.

29.8.87

539 D

Statement shewing the scales of accommodation authorised by the P. W. Code, and by Type Plan No. 12 (Hospitals); compared with that provided by the Executive Engineer Nilgiri Division, in his plans and estimates, for Quarters for an Apothecary and two Assistant Apothecaries at Wellington.

Authority	Details	Main and verandah rooms	Verandah	Out houses including servants' quarters Stable & Latrine	Remarks
As per P.W.D. Code	1. Apothecary's Qrtrs	480	"	412	Verandahs being details of construction are not included in "accommodation" except when formed into a "verandah room".
Do	1. Asst. do do	472	"	412	
Do	1. do do do	472	"	412	
	Total Sqr feet	1424	"	1236	
As per Type Plan No. 12	1. Apothecary's Qrtrs	946	885 1/2	"	No scale for out houses given in Type Plan No. 12
Do	1. Asst. do do	735 1/2	350 3/4	"	
Do	1. do do do	735 1/2	350 3/4	"	
	Total Sqr feet	2417	1587	"	
As per Ex: Engineer's Design. Nilgiri	1. Apothecary's Qrtrs	609	531	460	These scales approximate closely to the P.W. Code.
Do	1. Asst. do do	575 3/4	540	462	
Do	1. do do do	575 3/4	540	462	
	Total Sqr feet	1760 1/2	1611	1384	

2.9.87

2356C

C. No. 10161
circ 14-12-87

65285⁹/14

Public Works Department.

Current No. 5257
Letter No. Nil
Dated the 7th July 1887
From the Secy. to Govt. Mily. Dept.

NOTE OF REMARKS.

The accompanying Estimate amounting to Rs 13400 provides for constructing Quarters for an Apothecary and two Assistant Apothecaries attached to the Station hospital at Wellington.

As the plans and Estimates are not countersigned by the Supg. Engineer may they be sent on to him for the purpose before they are checked.

The Report Specification and General Abstract

are wanting and
these may be called
for at the same
time —

C.W.P.
12/7/87

Dw.

Please sign
Endorsement
on the current.

F.B.
13/7/87.

1887

P. W. DEPARTMENT.

Current No. 5257 658/15

From

The Military Dept.

Enclos.— 7
(2 plans)

No. 4026

Dated 7th July 1887

Received 9 — do.

Subject.

Forwarding Estimates & plans for Constructing quarters for an Apothecary & two assistant apothecaries attached to the station Hospital at Wellington.

Disposal.

No2356c Dated 13th July 1887

Returned to the Supt'g Engineer in view to the plans & Estimates being countersigned and a report, specification & general abstract submitted

(By order)

C.W.P.
13/7/87 (Sd) W. L. C. Baddeley
Capt. R.E.

Public Works Department.

G.O. No. 1161 W d/ 28-4-87
" 1130 W - 25-4-87

Public Works Department.

Current No. 242 653854/16

Letter No. 4/S.W.

Dated the 2nd January/88

From the Exe. Engineer in charge IV. Circle

To Mil^y Deptt for approval.

NOTE OF REMARKS. Wm 20.1.88

1. With reference to Chief Engineer's memo Nos 2356C and 539D of 13th July & 7th September/87, the accompanying plans & estimates provide for constructing 3 Apothecaries Quarters at Wellington have been submitted by the Exe: Engineer in charge IV. Circle. The amount of the estimate is Rupees 18,500.

2. The plan and estimate amounting to Rs 21170, originally submitted, the S.E. states have been carefully scrutinized and every endeavour made to reduce the cost to Rs 16000, as suggested in G.O. No. 3163 W of 22nd November/87, but it cannot be reduced below Rs 18,500.

3. The amount of Rs 18500, is divided

divided as follows:—

(a) Main building	Rs	12,600
(b) Kitchen &c	"	4,830
(c) Latrine	"	570
(d) Forming road and gravelling sides of quarters	"	500
Total Rupees		18500

4. The reduction of Rs 2,670, has been effected by:—

Building the three quarters in one block instead of two;

Reducing the area to practically* the dimensions given in Appendix C. Section I of the P.W. Code;

Building with brick in mud instead of with brick in chunam.

* Please see the accompanying statement.

5. With regard to para 2 of Chief Engineer's memorandum No. 539 D of 7th September /87, the Ex: Engineer Nilgiri Division states that the latest single storied building constructed at Wellington, viz: the barrack Sergeants quarters, is built of brick in mud & costs Rs 4.12.4 per square foot, and a rate of Rs 5 was therefore taken as local rate.

6528.54/17

6. The foundations of the main building as well as out houses are to rest on concrete 9" thick. The foundations, basements & superstructures of the main building, out houses & latrine are to be built of burnt brick in clay. In & outside of the main building are to be plastered with 2 coats of chunam & 2 coats of white wash, as for out houses & latrine are to be plastered with 1 coat of chunam & 2 coats of white wash.

7. The roof timbers &c such as purlins, hip rafters, principal rafters, bressummers & posts &c of the main building are to be of teak; as for the out houses & latrine are to be of Venteak.

8. The roof timbers of the main

main building are to be wood oiled & the doors & windows, verandah posts, & bressummers are to be painted with 2 coats of Carsons Chocolate paint. The roof timbers of the out houses & latrine are to be wood oiled and doors & windows, verandah posts & bressummers ~~of the~~ are to be painted with 2 coats of Carsons oak.

9. The scantlings of the ridge & the intermediate purlins both in the main building and out houses seem rather too little, however light the proposed roofing of corrugated iron over laid with Mangalore tiles may be. Some of the scantlings are noted in pencil on the plans for your kind perusal.

10. Flooring to Apothecary's and

653854/18

and Asstt. Apothecaries sitting rooms, dining rooms, & bed rooms is to be of teak boarded on venteak joists & wall plates. Flooring to Apothecary's and Asstt. Apothecaries bath rooms, front & rear verandahs is to be of square bricks on 4½" concrete & pointed with Portland Cement. Flooring to front, rear & side steps is to be of square bricks set in mortar. Flooring to Kitchen and verandah of the out houses is to be of square paving tiles on 4½" concrete & pointed with Cement. Flooring to Servants & Godown is to be of 6" concrete & plastered with Cement.

11. Roofing to main building, out houses & latrine is to be of corrugated iron covered with Mangalore tiles.

12.

12. Report with specification has been submitted.

13. The rates are fair.

14. Contingencies & Petty supervision are separately charged for each estimate at 2½ per cent.

15. The plans and estimates have not been countersigned nor approved by the Military authorities.

EC

19.1.88

Dvl

The Govt. of India have objected to any expenditure in excess of Rs 18000 on buildings, their sanction must apparently be obtained to the execution of the works at the estimated cost of Rs 18,500.

The first step to be taken however is to send the papers to the Military Dept. for approval to the revised estimate. — C

20.1.88

6538 5/9 / 19

Enclosures Nos 1–7 of a letter No. 4/EW of 2nd Jany. /88 from the Superintendg. Engineer, 4th Circle.

2 Plans
1 Estimate
1 General Abstract
1 Report and specification
1 Statement
1 Endorsement of Chief Engineer No. 2356/C of 13th July 1887 returned.

Recd [illegible] 15-1-88

1888.

P. W. DEPARTMENT.

6538 59
26

Current No. 5257, 6604
& 242

From

The Supdg. Engineer
IV circle

Enclos.—9
(2 plans)

No. 4/E.W.

Dated 2nd January 1888

Received 10 —— do ——

SUBJECT.

Submg: with remarks plans & estimates amounting to Rs 18500 for Constructing 3 Apothecaries quarters at Wellington.

No 6538 d/ 24/12/87

DISPOSAL.

No. 267 C Dated 21 Jany 1888

The revised plan & estimate are forwarded for the approval of Govt in the Military Dept.

(By order)
(Sd) W. L. C. Baddeley Captn. R.E.
Under Secy. to Govt. P. W. D.

The Secy. to Govt. Mily. Dept
with copy of memo No. 5520 B d/ 7-9-87

No. 5298 d/7-7-87
" 1161W " 28-4-87
" 2356C " 13-7-87
" 3491W " 20-12-87
" 3441-2W " 16-12-87
" 2937W " 5-11-87
" 2714W " 4-11-87
" 2806-7W " 20-10-87
" 2982W " 7-11-87
" 2694W " 13-10-87
" 3565C " 19-10-87
" 40A " 25-4-87
" 3163W " 22-11-87

21/1

Read – the following papers:–

Quarter Master General's Office,
Ootacamund, 5th July 1887.

Barracks and Buildings
Estimates.

No. 2357.A.

6538 54/P
91

From
BRIGADIER-GENERAL E. FAUNCE,
~~The~~ QUARTER MASTER GENERAL,

To
The SECRETARY TO GOVERNMENT,
Military Department.

Sir,

I have the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimates, plan, ~~&c.~~, below-mentioned which have been approved by the Commander-in-Chief. The plans and estimates have been countersigned.

Two Estimates amounting to Rs: 8000 and 13400 respectively for constructing Quarters for an apothecary and two assistant apothecaries attached to the Station Hospital at Wellington with two plans.

2. The work is included in the final issue of the Budget for 1887/88 item 2 Class B.

I have the honor to be,
Sir,
Your obedt. Servant,
E. Faunce
Brigr. Genl.,
Quarter Master Genl.

SUPG: ENGINEER'S OFFICE
No. 799W
9- SEP. 87
P. W. D.
FOURTH CIRCLE

Enclo 12.

SUPG: ENGINEER'S OFFICE
No. 602W
15 JUL. 87
P. W. D.
FOURTH CIRCLE

Enclo. 8

Encl 8/4

PW 5257/87
~~1604~~
~~242~~/88
1534

P. W. Dept.
To be returned with reply.

7 JUL 87

65354/22

2 P

Military (1887) Department.

PW 5257/87

No. 4489

~~1604~~
~~242~~
1534/88

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SUPG: ENGINEER'S OFFICE
No. 799W
9- SEP. 87
P. W. D.
FOURTH CIRCLE

SUPG: ENGINEER'S OFFICE
No. 602W
15 JUL. 87
P. W. D.
FOURTH CIRCLE

Enclo. 13

No. 2357 A.

Dated 5th } July.
Received 7th }

R 9.7.87

P. W. Dept.
To be returned with reply.

ENCLOSURES. 6 (42 plans)

Forwards Estimates & plans for constg. Qrs. for an apothecary & two assistant apothecaries attached to the station Hospl. at Wellington.

153 C 87

Vid

Jn No. 5571 of

Military Department
Ootacamund
7th July '87.

No. 4026. Approved & transferred to the Public Works Department for disposal.

By order,

A Kenney Herbert Brig Genl
Secy. to Government

31 P

No. 2356 C dated 13th July 1887

Returned to the Supdg: Engineer in view to the plans and Estimates being counter-signed and a report, specification & general abstract submitted

(By order)

W C Baddeley Capt R.E.
Dy. Chief Engineer P. W. D.

To S. E. IV circle

Supg. Engineer's Office, 4th circle
Camp Udumalapet 19th August/87.

No. 348/E.W.

6583/93 4/8

From

Colonel J. Beatty R.E.,
Superintg. Engineer, 4th circle.

To

The Chief Engineer,
P.W. Department.

Sir,

Enclosures 10
2 Plans
2 Estimates
2 Abstracts in Duplicate
1 Report
1 specification
1 Do. letter of Qr. Mr: General with Ch. Engr's Endorsement No: 2356 C of 13th July 1887.
1 Do. letter of the Ex. Engr: Nilgiri Dn. No: 1531 of 15th Augt: 1887.

I have the honor to return the two plans and Estimates received with your Endorsement No: 2356 C, dated 13th Ultimo; one for Constructing Quarters with Out houses for an Apothecary at Wellington, amounting to Rs: 7,860, and the other for Quarters for two Assistant Apothecaries at the same Station, amounting to Rs: 13,310; together with a Report, Specification and Duplicate Abstracts of the Estimates.

2. The Plans and Estimates have now been countersigned. The letter of

of the Executive Engineer, Nilgiri Division (in original) No. 1531 of 15th August 1887 is herewith forwarded for your information.

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

J. Beatty Colonel R.E.,
Superintg: Engineer, 4th Circle.

65384/94

G.O. 1161W - 28-4-87
" 1130W - 25-4-87
No 255bC " 13-7-87

P.W.C. No 6604
(7)

From
The Supg. Engineer,
Fourth Circle.

To
The Chief Engineer,
P.W. Department.

Dated 19th } Augt: 1887.
Recd: 25 }

No. 348/P.W.
Encls: 10 13

Quarters with out Houses for an apothecary; and Quarters for two Assistant Apothecaries, at Wellington

Returning countersigned the Estimate and plan &c of Rs: 7,860 and 13,310 respectively for Constructing—

13310
7860
21,170

No. 539D.

Public Works Dept
Ootacamund 7th Septr 1887

6535/95 5-P

Memorandum

In returning the papers received with letter from the Suptg. Engineer IV circle No 348 P.W dated 19th August 1887, the undersigned has the honor to draw attention to the remark of the Government of India in para 3(ii) of their Resolution printed with Proceedings No. 1160W dated 28th April 1887, and to inquire whether a less expensive class of buildings cannot be provided for medical subordinates at Wellington. In the plan of quarters for two Assistant apothecaries, provision is made for two servants godowns for each set of quarters, whereas appendix C, sec i P.W. Code allows three servants' quarters for two Asst. apothecaries' quarters built *en bloc*; also one general Cook house, with a Compartment for

for each set of quarters. The estimates for main buildings should also be scrutinised carefully, in view to reductions being effected, if practicable.

2. It should be explained how the figure, Rs 5 per square foot, as the prevailing local rate, is arrived at.

3. An early reply is requested.

(Sd) J.O. Hasted Colt. R.E.
Chief Engineer P.W.D.

(True copy)

B. Pereira
Head Clerk
P.W. Secretariat.

2

Supg: Engineer's office IV circle
Camp Ootacamund 2nd ~~Decr.~~ January ~~1887~~ 1888

6 P

From,

No $\frac{4}{EW}$

J. W. Martin Esq
Executive Engineer in charge
of IV circle.

To,

The Chief Engineer
P.W. Department

Sir,

Enclos: 7
2 Plans
1 estimate
1 General abstract
1 Report & Specification
1 statement
1 Endorsement No: 2356C of 13th July 1887 (returned)

In continuation of this office letter No. $\frac{492}{EW}$ dated 12th December/87 and with reference to your memo: Nos. 2356 C and 539 D of 13th July and 7th September 1887 respectively I have the honor to forward Plans and Estimates amounting to Rs 18,500 for constructing 3 Apothecaries Quarters at Wellington together with a General abstract of the Estimates, and a report and specification.

2. The plan and estimate amounting to Rs 21,170 originally submitted have been carefully scrutinized and every endeavour made to reduce the cost to Rs 16,000 as suggested in G.O. No 3163 W of 22d November 1887; but

if

it cannot be reduced below Rs 18,500.

3. The reduction has been effected by:—

I. Building the three quarters in one block instead of two;

II Reducing the area to practically the* dimensions given in appendix C. section I of the P.W. Code;

*Please see the accompanying statement— EWM

III Building with brick in mud instead of with brick in chunam.

4. With regard to para 2 of your memorandum No. 569-D dated 7th September 1887, the Executive Engineer Nilgiri Division states that the latest single storied building constructed at Wellington, viz: the barrack serjeants Quarters is built of Brick in mud and costs Rs 4-12-4 per square foot, and a rate of Rupees 5 was therefore taken as local rate.

5. The papers received with your Memo No. 2356 C. are herewith returned.

I have the honor to be
Sir
Your most obt servt

E.W. Martin
Executive Engineer.
in charge of IV Circle

P.G. 16.5.1887. nos: 342-343 R
P.G. 9.11.1887 nos: 248-249 R.

7 P

No. 267C d/ 21st Jany 1888

The revised plan & estimate are forwarded for the approval of Govt in the Military Dept.

(By order)

W C Bouldton
Capt R.E.
Under Secy to Govt P.W.D.

REQUESTED TO BE RETURNED WITH REPLY.

To the Secy to Govt Mily Dept with copy of memo No. 5398 of 7-9-87.

8 P

Fort St George,
24th January 1888.

No. 512 Referred to H. E. the Commander in Chief.

A Kenney Herbert.
Br. Genl
Secy. to Government.

To
The Quarter Master General.

P.W.C. No. ~~5...~~

Mily: 1888 Regs: 1534/88
No. 557

From
J. W. Martin Esq
Executive Engineer
in Charge IV Circle.

from the [illegible]
No. 267C
d/ 21/22 Jany/88

Dated 2
Recd
January 1888

No. 4.
Enc

Enclosures. 7

Apothecaries Quarters at Wellington.

Forwards Plans and Estimates amounting to Rs 18500 for constructing 3 — and explains why the amount cannot be reduced.

Referred.
Mily 557a
Dn 7th 3rd

Form No. 20 A. / 7 B.

Quarter Master General's Office,
Ootacamund,
7th February 1888.

No. 589 A.

6534/98

9 P

From
Brigadier-General E. FAUNCE,
Quarter Master General,

To
The SECRETARY to GOVERNMENT,
Military Department.

Sir,

I have the honor, by order, to return duly approved by the Commander in Chief the revised plan and Estimate amounting to Rs. 18500/- for constructing Quarters for 3 apothecaries at Wellington, received under Reference O. G. No. 512 of 24th Ultimo.

I have the honor to be,
Sir,
Your obedt. servant,

D J S McLeod Lt Col,
Dy. Qr. Mr. Genl.

G.O. 3163 W d/22.11.87
" 3491 W d/30.11.87
" 2356 C d/13.7.87
" 267 C d/21.1.88
" 539 D d/7.9.87
" 1160. I W d/18.4.87

PWCN-1534

Military (1888) Department.

No. 1028.

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

No. 589. A.

Dated 7 } Febry.
Received 9 }

R/ 17.2.88

ENCLOSURES. 1/1 (+2 plans)

Returns approved plan &c. for consty. quarters for 3 apothecaries at Wellington.

Fort Saint George
13th February /88 } 10P

No. 1007. Approved and transferred to the Public Works Department for disposal.
By order

A Kenny Herbert
Brig. Genl
Secretary to Govt. M. D.

12/2

The Quarter Master General.

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653 54 W

Public Works Department.

6538 54 / 30

Current No. 1534
Letter No. 1007
Dated the 13th February 1888
From the Secy. to Govt. Mily. Dept.

NOTE OF REMARKS.

Del.
The plans & estimates must apparently now be sent on to G of I for sanction – vide Memo No. 539 D d/7-9-87 & para 1 of G.O. No 3163 W d/22-11-87.
For orders whether they may be forwarded.
18-2-88

Yes – The reason for the excess is the high price of all building work in the Nilgherries.
18.2.88

The accompanying plan and Estimate amounting to Rs 18,500 for providing 3 Apothecaries Quarters at Wellington was sent for the approval of Govt: in the Mily: Deptt: with this Office despatch No 267 C d/21st January 1888. The plan and Estimate are now returned duly approved.
18/2/87

the plan & [illegible]

P.W.D.

Memo 653854/28

In returning the papers received with letter from the S. E. IV Circle No. 3248 W. of 19th August 1887, the undersigned has the honor to draw attention to the remarks of the Govt of India in para 3(ii) of their Resolution printed with Pro No. 1160 W. of 28th April 1887, & to inquire whether a less expensive class of buildings cannot be provided for medical subordinates at Wellington. In the plan of quarters for two Assistant Apothecaries, provision is made for two servants godowns for each set of quarters, whereas Appendix C, Sec i P.W. Code allows three servants' quarters for two Asst. Apothecaries' Quarters built en bloc; also one general cook house, with a compartment for each set of quarters. The estimates for main buildings should also be scrutinised carefully in view to reductions being effected, if practicable.

2. It should be explained how the figure, Rs 5 per square foot, as the prevailing local rate, is arrived at.

3. An early reply is requested.

6/9/87

EW

Cy

No. 539 D of 7 Sept

S.E. IV Circle, with 13 enclos; Code & plans returned.

Mily. works

PUBLIC WORKS DEPARTMENT.

No. 653 W

11 P

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 24th Feby/88

653 W

READ the following

From the Quarter Master General	No. 2357 A. of 6th July 1887
Endorsement in the Military Department.	Hd. No. 4026. of 7th July 1887
Endorsement in the Public Works Department.	" No. 2356. C of 13th July 1887
From the Superintending Engineer IV Circle.	No. 348 EW. of 19th August/87
Memo to Superintending Engineer IV Circle	" No. 539 D. of 7th September/87
From Superintending Engineer IV Circle	" No. 4 EW. of 2nd January/88.
Endorsement in the P.W.D.	" No. 267. C. of 21st January/88
Endorsement in the Military Dept	" No. 512 of 24th January 1888
From the Quarter Master General	" No. 589 A. of 7th February 1888
Endorsement in the Military Dept	" No. 1007 of 13th February 1888.

Ordered to be forwarded to the Government of India with reference to their remark in para 3(x) of the Resolution printed with G.O. No. 1161 W dated 25th April 1887.

D/3/3

To The Supdg. Engr. IV Circle
" Examr. P.W. Accts.
" Military Department.

H

M.E. 654 W./24th Feby/88

To

The Secretary to the Government
of India,
Military Department

Sir,

With reference to the remark in para 3 (ii) of Government of India Resolution, No 607 M.W. dated 18th March 1887 to the effect that the provision of Rs 16,000 made in the Madras Military Works Budget for 1887-88, for constructing quarters for three apothecaries at Wellington, seemed too high, and that the allotment was admitted on the condition that no excess is permitted to take place, I am directed to forward a copy of the Proceedings of this Government, No 653 W. dated 24th February 1888, together with a plan and estimate amounting to Rs 18,500, for constructing the quarters in question. The original estimate for

No papers were in the file when the letter was drafted

65854/23

for the work amounted to Rs 24,170 but in view of the remarks of the Government of India above referred to, it has been reduced to Rs 18,500 by restricting the accommodation to the area allowed in Sec. I Appendix C. Madras P.W. Code and by substituting brick in mud for brick in mortar. Owing to the high cost of all building work on the Nilgiris, it does not seem practicable to reduce the estimate any further, and I am directed to request that the Government of India will permit the work to be carried out in accordance with the revised design and estimate now submitted.

2. The current year's budget allotment of Rs 16,000 has been reappropriated to other purposes, it being now too late in the year

~~6538-54~~
34

year to spend any money on the work, but a grant of Rs. 6.500 has been provided for it in the preliminary issue of the Budget for 1888-89

3. The return of the enclosures is requested.

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21. 2-88

21/2/88

8/3/88

22.2.88

22.2.88

Govt. of (1888) Madras.

PUBLIC WORKS

Recd urgent 24/2/88

Dated

Recd.

Encl.

G.O. 24th Feby 1888 No. 653/654 W.

Quarters for three apothecaries at Wellington

Certain correspondence regarding the construction of — ordered to be forwarded to the Government of India.

Quarters for three apothecaries at Wellington

Forwarding revised plan and estimate for constructing — and submitting explanation with regard to the cost of the work.

20/4

20/2

30

28/2