

(1) Number of pages_____

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(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	622	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	4-3	1875	
		195-	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th March 1875.*

Read the following letters —

No 126. From Captain J. W. HINDLE, Officiating District Engineer, Vizagapatam, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Vizianagram, 31st October 1874, No. 1,473.

I HAVE the honor to submit, herewith, plans and estimates for the works noted

1 Extract
2 Plans
2 Estimates
2 Specifications

in the margin, and to request you will be good enough to obtain the sanction of Government for the same

Enlarging the present latrine at the Native Infantry Hospital at Vizagapatam
Enlarging two latrines of the Hospital, 12th Regiment Native Infantry at Vizianagram

2 The papers in question have been prepared at the request of the Deputy Assistant Quarter-master-General and approved of by His Excellency the Commander-in-Chief.

3 The Deputy Assistant Quarter-master-General has furnished me with an extract from a letter from the Quarter-master General (copy of which is enclosed), as an explanation for the necessity of the work.

4. In the event of the estimate being sanctioned, I request you will be so kind as to have the necessary funds placed at my disposal at your convenience.

No 127. From the same Officer, dated Waltair, 29th January 1875, No 2,103
WITH reference to your Memorandum, No 931, of 4th December 1874, I have

2 Plans
2 Estimates
2 Specifications

the honor to submit, herewith, for sanction fresh plans and estimates* for enlarging the latrines attached to the Regimental Hospitals at Vizagapatam and Vizianagram

* Latrine at Vizagapatam
Do at Vizianagram

RS
485
886

2 The enlargement of the latrine at Vizianagram will now give a superficial area of 300 square feet as required by the Surgeon-General

3 The narrow passage is intended for privacy, so that the people inside may not be seen

4 The designs under notice have been duly approved of by the Medical Officer in charge.

No 128 ORDER THEREON, 4th March 1875, No 622

MILITARY WORKS, No 4

HIS EXCELLENCY the Governor in Council sanctions the plans and estimates for enlarging the latrines attached to

the Regimental Hospitals at Vizagapatam and Vizianagram, amounting, respectively, to Rupees 485 and Rupees 886.

Proceedings of the Madras Government, Public Works Department,
4th March 1875

2 The alterations in reference to the cistern shown in the plan of the
Vizagapatam Hospital latrine should be carried out.
(True Extract)

Colonel, R E,
Secretary to Government.

To the District Engineer, Vizagapatam
" Controller of Public Works Accounts
" Military Department

Estimate No. 410 of 1874-75

Abstract Estimate of the probable cost of
Enlarging the present Latrine at the New Native Infirmary
Hospital at Vizagapatam
Framed at the request of the Deputy Quarter Master
General Vide his letter No. 4164 of 10th June 1874

Quantity	Particulars of Work	Rate	Per Cent	Amount	Total
9 ⁵ / ₂₇	Cyds of Concrete work	1 8	-	13 12 5	
59 ¹⁹ / ₂₇	Cyds of Rubble masonry in chunam	1 12	-	104 7 8	
1 ³ / ₄	Cyds of Arch work in chunam	4 13	-	8 6 9	
2	Cyds of Brick work in chunam	2 14	-	5 12	
16.72 ⁷ / ₈	Sqrs of Plastering with 2 coats of Chunam and white washing	2 6	-	39 11 8	
2.10	Sqrs of Asphalte ~~with~~ ³ / ₄ inch thick laid over concrete	27	-	56 11 2	
0.95	Sqrs of Asphalte ³ / ₄ inch thick laid over basement	24	-	22 12 9	
2.94 ¹ / ₂	Sqrs of Roofing with teak wood rafters, reepers, nails, flat and pan tiles and chunam borders to main roof	38	-	111 14 6	
0.69 ³ / ₄	Sqrs of Roofing to the ridge ven- tilator with teak wood rafters, reepers, nails, flat and pan tiles and chunam borders	30	-	20 14 9	
3.64 ¹ / ₄	Sqrs of larring the wood work to roof	1 8	-	5 7 5	
	Carried Over			389 15 1	

9.36 Cpt of Teak wood wrought and put
up Brought Over 389 15 1

2 Teak wood ventilators with iron
bars &c. Complete 3 8 - Cpt 32 12 1

Excavating Foundations and
filling in basement 13 " " 26 "
3 " "

Contingencies & superintendence 7 8 - Cent 33 14 10
451 11 2

Total Rupees 485

Executive Engineers Office
Vijayanagram 15th August 1874

M. R. Ramesh
Executive Engineer
Vijayanagram Range

*M. S.
D.*

D. G. D. M. S. Sub. M. S.
Walter 21st August 1874.
Approved
By order
L. H. Roberts Captain
M. S. D. G. D. M. S. Sub. M. S.

M. R. Ramesh Captain
Chief District Engineer, Vijayanagram

J. S. S. S.

Specification to accompany plan and
Estimate for enlarging the two latrines of
the hospital 12th Regiment M. V. Infantry at
Vizianagram

Estimate Rs. 230 -- --

Brick Masonry The foundations, basements, rear, and end
walls above to be of rough stone in Chumam

Brick in Chumam. The front and screen walls are to be built
of brick in Chumam.

Arch work The arch work over the bullock gate is to
be of well burnt brick in Chumam 1 1/2
feet thick throughout

Flooring To be built of brick, on edge, in Chumam
in all 6 inches deep and plastered with
3 Coats of Chumam

Plastering All the walls are to be plastered with
2 Coats of Chumam and white washed.

Roofing To be of saul wood rafters, rippers.
nails flat, and pan tiles Chumam borders
see Complete

Wood work The Bressummers, wall plates, and
eave boards, are to be of saul wood

Executive Engineer's Office }
Vizianagram 19 July 1874 }

M. L.
D.

M. P. Mundle Captain

M. P. Mundle

Executive Engineer

Vizianagram

Off District Engineer, Vizianagram.

Estimate No 40 of 1874-75

Vizianagram Range
Vizagapatnam District

Imperial

Military

Muir & Sons Works

Abstract Estimate
of the probable cost

of Enlarging the two
latrines at the
New Native Infantry
Hospital at Vizag-
apatnam

Estimate No 485-0-0

28 7104/74

P. W. D.

Proceedings of the Madras Government,

Under date the

187

Read the following.—

From

The District Engineer
Vizagapatnam

(No. 1173 of 31 Oct 1874)

The details of the
Latrines are imperfectly
shown on the plans sent
and it is impossible to
ascertain in what principle
they work. The utility
of the narrow passage 3 ft
wide is not understood
and the proposed in-
crease of the building
at Vizianagaram will
obviously not give the

improvement

Specification to be
framed for and sent to
the two stations of the
Regiment
at Vizianagaram.
Schmidt No. 230

Superficial Area of 300
sq ft required by the
Surgeon General.
The Plans and Estimates
will be transferred to the
Military Department
with a view to the changes
proposed being considered
in reference to the Standing
Orders of the Government
of India regarding the
accommodation to be
afforded and the prin-
ciples of construction.
It may appear desirable
to remodel as well as
enlarge the existing
accommodation.

Ames

The District Engineer
is requested to consider
the means of carrying
the estimate for the
enlargement of
the buildings to be
executed in accordance
with the Standing
Orders of the Government
of India regarding the
accommodation to be
afforded and the prin-
ciples of construction.

Extract from a letter from the Quarter
Master General N^o 4164 dated 10th June 1874:-

The Surgeon General, Indian Medi-
cal Department has brought to notice that as
a rule the latrines, attached to Hospitals &
under his control, are too small, and he recom-
mends that those most needing enlargement should
be added to by removing a gable wall, and ex-
tending the building so as to make the super-
ficial contents equal to 300 feet.

(Signed) D. Standen Lieut Colonel
Offy Dist Asst. Dir. M. G. S. D.

(True Copy)

M. N. W.indle Captain
Offy District Engineer Viragapatam

7a

Specification to accompany Plan & Estimate
for enlarging the present Latrine attached to
the New Native Infantry Hospital at Vizagapatam
Amount of Estimate Rs 485-0-0

Concrete work To be one foot thick below the foundations
throughout the enlarged portion and to project
six inches on either side of the foundations.

Stubble masonry All the foundations, basement, and walls
in chunam } above are to be of rough stone in chunam.

Brick arch work To be built of well burnt bricks specially
prepared for the purpose.

Plastering and white washing } Plastering to be of 2 coats of chunam and white
washing throughout the enlarged portion.

Flooring The floor and top of basement to be asphalted,
 $\frac{3}{4}$ inch thick, over stone jelly in chunam, well
rammed.

Roofing The roof is to be tiled, on Teak wood rafters,
with reapers, nails flat and pantiles; and
the rafters are to be placed 18" apart from
centre to centre.

Wood work All the wood used throughout the building
is to be of teak and coated with one coat of
tar in the usual manner

Executive Engineers Office
Vizianagram 16th August 1874

Int.

M. Montuam
Executive Engineer
Vizianagram Range
M. W. W. L. Captain
Offg Dist Engineer Vizagapatam

S. M. 710474
Extract from a letter from
the Quarter Master G. B.
No 464 dated 10th June 1874

Estimate No 34 of 1874-75
 Abstract Estimate of the probable cost of enlarging
 two Latrines of the Hospital 12th Regiment M. I. Infantry at
 Villianagram - Framed at the request of the Deputy
 Quartermaster General vide his letter No 4164 of 10th June 1874.

Quantity	Description of work	Rate	Per Hundred	Amount	Total
20 $\frac{151}{432}$	Cy of Rough stone in Chumam	1 12	Cy	35 99	
2 $\frac{215}{864}$	" of Brick in Chumam	2 14	De	6 75	
$\frac{2}{3}$	" of Arch work Brick in Chumam	4 15	De	3 48	
0.74	Sqrs of Flooring with brick sledge and plastered	7 8	Sq	5 89	
5.44 $\frac{1}{2}$	Sqrs of Plastering with 2 Coats of Chumam and white washed	2 6	De	12 139	
1.17	Sqrs of Roofing with Saulwood rafters require nails flat and pan tiles Chumam borders	25	De	29 12	
	40 Complete				
2.85	Cy of Saulwood wrought & put up	2 8	Cy	7 2	
8 $\frac{1}{2}$	Rft of Cornice work	2 6	Rft	1 53	
	Removing the present wall			2 8	
	Excavating foundation & filling			2	
				106 77	
	Contingencies	7 8	Cent	8 85	
	Total for one Latrine			115	
	Total for two Latrines			230	

Engineering Office
 Villianagram
 19th July 1874

31

M. H. S. Captain
 District Engineer
 Villianagram

M. H. S. Captain
 District Engineer
 Villianagram

S. H. 2104/74

Specification to accom

pany plan and estimate

for enlarging the present

Latrine attached to the

12th M. I. Infantry

Hospital at Villianagram

for report

No. 1473

District Engineer's Office.

Camp Viranagaram 3rd October 1874
Despatch 5th November 1874

From Captain J. W. Hindle
Offg District Engineer
Viragapatam

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

Sir

I have the honor to submit herewith Plans and Estimates for the works noted in the margin and to request you will be good enough to obtain the sanction of Government for the same.

2. The papers in question have been prepared at the request of the Deputy Assistant Quarter Master General, and approved of by His Excellency the Commander-in-Chief.

3. The Deputy Assistant Quarter Master General has furnished me with an Extract from a letter from the Quarter Master General (Copy of which is enclosed) as an explanation for the necessity of the work.

4. In the event of the Estimate being sanctioned

Enlarging the present Latrine at the N.E. Hospital at Viragapatam Rs 485
Enlarging two Latrines of the Hospital
242 Regt. ex. A. at Viranagaram Rs. 230

Estimated at Rs. 36 of 1874-75

Viranagaram Range
Viragapatam District

Municipal

Military

Memorandum

Abstract Estimate of the

proposed cost of enlarging

two Latrines of the

26 Sep 1874 12th Regt.

Native Infantry at

Viranagaram

Estimated Papers 230-230

J. W. Hindle
5/11/74

I request you will be so kind as to have
the necessary funds placed at my disposal at your
convenience.

I have the honor to be
Sir

Your most Obedt Servant.

M W Middle Captain
Offg District Engineer, Viragapatam

Over Concrete

27 5/11/2

Abstract Estimate of the probable cost of enlarging the present Latrine at the New Native Infantry Hospital at Vengalpet.

Quantity	Particulars of Work	Rate Per Item	Amount	Total
9 5/27	Cyds of Concrete work	1 8. Cyt	13 12 5	
59 1/2	do of Rubble masonry in Chunar	1 12. do	104 7 8	
1 3/4	do of Arch work in Chunar	4 13. do	8 6 9	
2	do of Brick work in Chunar	2 14. do	5 12	
16.53 3/4	Sqrs of Plastering with 2 coats of Chunar and white washing	2 6. sq	39 4 5	
0.10	do of 3/4 inch thick laid over concrete	27 1/2 do	56 11 2	
0.95	do of Asphalt 3/4 inch thick laid over basements	24 .. do	22 12 9	
2.94 1/2	do of Roofing with teak wood rafters, piers, nails, flat and pan tiles and Chunar borders to main roof	38 .. do	111 14 6	
0.69 3/4	do of Roofing to the ridge ventilator with teak wood rafters, piers, nails, flat and pan tiles and Chunar borders	30 .. do	20 14 9	
3.61 1/4	do tarring the wood work to roof	1 8. do	5 7 5	
9.36	Cft of Teak wood wrought and put up	3 8. Cft	32 12 1	

C.O.

618-2-18
Camp to be commenced 12/10/94

1894

Case No. 1

1874 10/10/94
Office of the Engineer
The District Engineer
Vengalpet
To the Secretary to Govt P.W.D.
Madras.
Dated 31st October
Dept. of P.W.D. 1894
Recd. 12th Nov
5-10-1894
Cm. 7. 11/14/93
12/10/94
Submitting for sanction
Plan and Estimate for
enlarging the latrine attached
to the Hospital of 7th and
12th Regiments at Vengalpet
and Chunar.
Memo No 931-1-1894/14.
1894 No 122 4-0-95

Camp
1894

618-2-78
Washed & Coarsened 12/10/78

Meyo Co 931-4 - Decm/78
~~618-2-78~~ 622 4-0-98

2. Teak wood ventilators with Iron bars &c Complete	13	each 26	
Excavating foundations and filling in basement			3
			451311
Contingencies and Superintendence	78	Cent	33121
Total. Receipts			485

District Engineers Office
Waltair 29 December 1894
M. M. M. D. Mayor
Offg. District Engineer
Vizagapatam

Superior
Ind. Ins. Co. of N.Y.

Specification to accompany Plan and Estimate for enlarging the present latrine attached to the New Native Infantry Hospital at Vizagapatam

Amount of Estimate Rs. 485-0-0

Concrete work. To be one foot thick below the foundations throughout the enlarged portion and to project six inches on either side of the foundation.

Rubble masonry in Chunam. All the foundations, basement and walls above, are to be of rough stone in Chunam.

Brick arch work. To be built of well burnt bricks specially prepared for the purpose.

Plastering and white washing. Plastering to be of 2 coats of Chunam and white washing throughout the enlarged portion.

Flooring. The floor and top of basement to be asphalted, $\frac{3}{4}$ inch thick, over stone jelly in Chunam, well rammed.

Roofing. The roof is to be tiled on teak wood rafters with reapers, nails, flat and pantiles, and the rafters are to be placed 18 apart from centre to centre.

Wood work. All the wood used throughout the building is to be of teak and coated with one coat of tar in the usual manner.

District Engineer's office
Machilipatnam
29 December 1874

In presence of Major
Offg. District Engineer
Vizagapatam.

P. M. 8/12/75
The above estimate of the probable cost of enlarging the present latrine at the New Native Infantry Hospital at Vizagapatam

Estimate No. 485.

1511

Specification to accompany plan and
Estimate for enlarging the two latrines of the Hospital
12th Regiment M. N. Infantry at Virianagram
Estimate Rs. 886--

- Rubble masonry The foundations, basements, rear, and end walls above to be of rough stone in Chunar.
- Brick in Chunar The front and screen walls are to be built of brick in Chunar.
- Arch work The arch work over the bullseye is to be of well burnt brick in Chunar 1 1/2 feet thick throughout.
- Flooring To be built of brick on edge in Chunar in all 6 inches deep, and plastered with 3 coats of Chunar.
- Plastering All the walls are to be plastered with 2 coats of Chunar and white washed.
- Roofing To be of Saul wood, rafters, keepers, nails, flat, and pantiles Chunar borders complete.
- Wood work The Brusses, wall plates and eave boards are to be of Saul wood.

J. H. White Major
District Engineer's Office
Vizianagaram

Charles M. T. Parker
Surgeon Major
12th Regt. N. I.

District Engineer's Office
Kaltair 29th December 1874

Abstract Estimate of the probable cost of enlarging the
two latrines of the Hospital 12th Regiment N. Infantry at
Virianagram.

Quantity	Description of Work.	Rate Per Item	Amount Total
51 $\frac{15}{16}$	Cyds of Roughstone in Chunar	1 12. Cyt	96 23
12 $\frac{269}{576}$	do of Brick in Chunar	2. 4. do	35 135
1	do of Arch work	4 15. do	4 15.
2. 80 $\frac{1}{2}$	Sqrs of Flooring with brick on edge and plastered	7 8. Sq.	21 07
15. 38 $\frac{19}{24}$	do of Plastering with 2 coats of Chunar and white washed	2 6. do	36 88
3. 78	do of Roofing with Saul wood rafters reapers, nails, flat and fantiles and Chunar borders &c complete	25. . do	94 8.
45. 90	Cft Saul wood wrought & put up	2 8. Cft.	114 12.
27	Cft. of Cornice work	26 Rft.	4 36
	Removing the present wall		2 8.
	Excavating foundations & filling in		2 ..
			412 75
	Contingencies and Superintendence	7 8. Cont	30 87
	Total for one, Rupees		443 ..
	Total for two latrines, Rupees		886

District Engineers Office
Waltair 29th December 1874.

M. H. Kridle Major
Offg District Engineer, Vizapatnam
Charles Harker
Super Major 12th Regt. N.I.

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N^o 2103

District Engineer's Office

Waltour 29th January 1876

From

Major J. W. Hindle

Offg District Engineer

Viragapatam

To

Colonel G. W. Walker R.E.

Secretary to Government P.W.D.

Madras

With reference to your Memorandum N^o 931 of 4th December 1874. I have the honor to submit herewith, for sanction, fresh Plans and Estimates for enlarging the Latrines attached to the Regimental Hospitals at Viragapatam and Virianagram.

2. The enlargement of the Latrine at Virianagram will now give a superficial area of 300 square feet as required by the Surgeon General.

3. The narrow passage is intended for privacy so that the people inside may not be seen.

Latrine at Viragapatam } Rs. 485
 Latrine at Virianagram } 886

24 182

4. The designs under notice have been
duly approved of by the Medical Officers
in charge.

I have the honor to be
Sir,

Your most obedt servant,

M. W. Middle Major

Offg. District Engineer, Tiragapatam

Received
24 182
M. W. Middle
Major
Offg. District Engineer
Tiragapatam

P. W. D.

Proceedings of the Madras Government,

Under date the

187 .

Read the following. —

From the District Engineer
Vizagapatam } (No. 1473 d/31st Oct. 1875)
No. _____ No. _____ (No. 2103 — 29th Jan'y 1876)

122

His Excellency the
Governor in Council sanctions
the Plans and Estimates for
enlarging the Latrines at-
tached to the Regimental
Hospitals at Vizagapatam
and Vizianagaram amounting
respectively to Rs 486 and Rs 886.

2. The alterations in
reference to the Cistern shown
in the Plan of the Vizaga-
patam Hospital Latrine
should be carried out.

Witness

To The Dy. Eng. Vizagapatam ✓
" Controller V. B. Acob ✓
" Military Department ✓

Sept. 5-3-75

P. W. D. 1875 No. 1473
d/31st Oct. 1875
No. 2103 — 29th Jan'y 1876

To The Dy. Eng. Vizagapatam
" Controller V. B. Acob
" Military Department

Recd. 29th Jan'y 1876
No. 2103
Dec. 1-2 Plan submitted

Submitting for sanction
Plans and Estimates for enlarging
the Latrines attached to the
Regimental Hospitals at
Vizagapatam and Vizianagaram.

E. O. No. 224-2-75

Oct 1875

1875-2-25

7104
812 ✓
Govt. of 1875, Madras.

PUBLIC WORKS.

To

The Dist Engr.
Vizagapatam

Dated

Recd.

Encl 13

G O. 41 March 1875, No. 122

Nos. 126-128.

Various Plans & Estimates
for enlarging the latrine
attached to the Dispensary
Hospital at Vizagapatam
Vizianagram sanctioned
with certain instructions -