M.R.O. 1—77,006—8-6-37.

(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. 2530 Press / Mis.
478-481

Dated 28- 10- 1872.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
23th October 1872.

Read the following papers:—

No. 478. From the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Camp at Wandewash, 13th July 1872, No. 1,548.

1 Sketch of Vellore.
1 Estimate.

Referring to Government Orders Nos. 160 and 112, dated 18th May and 12th June 1872, I have the honour to report that I have carefully examined the Cantonment of Vellore, and believe that there is no reason for abandoning the present Regiment lines, or forbidding the re-construction of the huts in the Cusbah.

2. Immediately above the latter, at the part marked A in the sketch,* a tank formerly covered the Roman Catholic premises and several adjacent gardens. Its surplus passed over a rock to the westward into the Nakkal kavai, which carries the surplus of Thorapaudy, and several other tanks to the Palar, flowing in a shallow bed through a cultivated valley.

* This is not true to scale, and in point of distances is far from correct. It is only intended to give a general idea.

3. Some forty years ago the tank breached, as I am inclined to think, at a sluice; and enlarged the irrigation channel below it into the Cusbah Nullah, which flows along the side of the slope, and intercepts the drainage from the town and lines.

4. Major Searle, the Vice-President of the Municipal Commission, who accompanied me one morning over the ground, was anxious that I should turn it directly through to the Nakkal kavai, but this would be expensive in itself, and would cut off a large area of land from its proper source of supply.

5. I propose, therefore, to adhere to the existing channel. Shortly after passing out of the old tank it is crossed by a bridge which has been much injured by the flood. It consisted formerly of six vents, flat topped, 6 feet space. Three-quarters of a mile further down the nullah receives the surplus of the Sariagunta and town drainage and, barred by a masonry dam (which has now been breached,) threw a supply of water into the Fort ditch; to this dam we may attribute the existence of very much of the silt which has raised the bed to nearly the level of the ground. I have desired its entire removal. The Range Officer reports that this is done.

6. Below this point the proper course of the nullah has been apparently taken up by cultivators, the only way left being an irrigating channel which passes under the Bangalore road by a vent 3½ feet by 3 feet,* and throws some small quantity by the road trench into the Nakkal kavai.

7. I propose re-opening the free course of the Cusbah Nullah across the paddy fields into the Nakkal kavai, see Sketch B, for the supply of the small area now under the irrigation channel on each side of the Bangalore road. I have allowed for posts and shutters to be put on an apron, flush with the bed of the Cusbah Nullah at the head of the new cut.

8. Below the Bangalore road the combined streams have a fall of 6 feet in the first and 4 feet in the second mile to the Palar; but as that river may be in

flood, it is impossible to calculate on free discharge, and we must be content to submerge the crops for a few hours.

9. It is certain that water from the breaches of Veroopachy and Allapooram tanks must have passed over intervening country and down the choked-up Cusbah Nullah; the survey of the country above these tanks is very incomplete, see map, but in itself the Cusbah Nullah appears to drain about five square miles.

10. In laying out the channel in Cantonment I find that we have between floors of two bridges a fall of 22·89 feet in 6,970 feet or 17′·3 per mile; a channel 21 feet wide at bottom to the junction of the Sariagunta, and thence increasing gradually to 30 feet at the bend will drain ½ inch rainfall over the above area; the earth taken out, added to the existing bank, will easily pass 1½ yard more in depth if necessary, and this will allow for upwards of 1″ per hour.

11. I propose to run a catch-drain to convey the water from the Regiment lines to the Sariagunta surplus at its junction with the Cusbah Nullah.

12. The Cusbah itself will drain into the paddy fields behind and be protected by a bank from extraordinary floods.

13. I think it will be wise to defer the repair of the Veroopachy and Allapooram tanks till we can more carefully study the subject; the damage is so great that we can ill-afford to restore the bank, and I doubt if the cost would not far exceed the returns.

14. I have, therefore, suggested to the Collector that its bed be let for dry cultivation probably for the next four years; the loosening of the silt, 12 feet thick, will probably cause the removal of a great deal of it into the chasms which now exist. This will diminish the cost of bank when we do restore it, and somewhat increase the contents of the tank, which must be provided with a long surplus weir at a good level and a discharging channel to convey the water clear of the town to other tanks which will probably utilize it.

15. The enclosed estimate will, I think, make the place secure. I beg its early consideration, and I trust that, if approved by Government, I may be speedily supplied with funds to carry it on as the health and comfort of the Military and their families are likely to suffer.

No. 479. From the same Officer, dated Madras, 2nd September 1872, No. 2,421.

I HAVE the honour to enclose estimates for putting up mud walls to the stables occupied by, and building latrines for the use of, the families of Regiments sent to Raneepett after the destruction of the huts at the Cusbah of Vellore.

1 Plan.
2 Estimates.

2. They were prepared at the request of the Military authorities; but as the local officers all thought well of my plan for clearing and securing the Cusbah, so as to allow of the people returning to it, as they were particularly anxious to do, I withheld the papers till I received your memorandum No. 24 of 2nd August 1872.

RETURNED to the Superintending Engineer, 4th Division, with a view to the papers being submitted for the approval of His Excellency the Commander-in-Chief, in accordance with paragraph 77, Chapter V. of the Code.

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

OOTACAMUND,
9th September 1872.

No. 480. From the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated 24th September 1872, No. 2,683.

WITH reference to your endorsement on my letter No. 2,421, dated 2nd instant, I have the honour to inform you that the plan and estimates forwarded with the above letter have been duly approved of by His Excellency the Commander-in-Chief, *vide* copy of letter No. 365-6603, dated 26th August 1872, from the Quarter Master General enclosed.

1 Plan.
2 Estimates.
1 Copy of letter.
1 Original letter.

From the Officiating Quarter Master General, to the Superintending Engineer, 4th Division, dated Ootacamund, 26th August 1872, No. 365-6,603.

I HAVE the honour by order to return, with the approval of His Excellency the Commander-in-Chief, the plan and estimates received with your letter No. 2,087, dated 13th instant.

1 Estimate for Rupees 110 for constructing screen walls to the Cavalry sick lines at Raneepett.
1 Estimate for Rupees 1,300 for constructing latrines for the use of Native families occupying barracks at Raneepett.

No. 481. ORDER THEREON, 28th October 1872, No. 2,530.

MILITARY WORKS, No. 20.

IN G. O., No. 160, of 18th May, the Superintending Engineer of the 4th Division was ordered to report on the subject of abandoning the tanks at Vellore, and in No. 112 of 12th June to state the nature and amount of assistance actually required by him for work in the Vellore and Chittoor Ranges.

2. Referring to the above orders the Superintending Engineer reported in his letter No. 1,548 of 13th July, that there was "no reason for abandoning the present Regimental lines, or forbidding the re-construction of the huts in the Cusbah," and he submitted an estimate of Rupees 5,000 for improving the drainage of the place, with a rough sketch of the locality; reporting at the same time his opinion that the repair of the Veroopachy and Allapoorum tanks should be deferred until the subject could be more carefully studied.

3. Being reminded by the Chief Engineer that the question of retention of Regimental lines, and re-construction of huts was not a subject remitted for his consideration by either of the Government orders quoted in his letter, the Superintending Engineer has now sent up for sanction estimates for work at Arcot

originally called for by the Military Authorities, but which he had withheld because "the local officers all thought well of his plan for clearing and securing the Cusbah" of Vellore.

4. These estimates are, it appears, for erecting six blocks of privies adjacent to the barracks at Raneepett at a cost of Rupees 1,300, and a number of screen walls to the Cavalry sick lines—works of a nature urgently required to supplement the accommodation provided for the families of the 14th and 27th Regiments, and in delaying the construction of which Colonel Moberly has taken a serious responsibility on himself. He will now proceed emergently with both works from the funds already at his disposal; but as the stay of the families at Raneepett may not be of very long duration, he will provide latrine accommodation of a more temporary nature than that designed, using wattle and daub in lieu of brick-in-chunam or mud, and mud floors well rammed instead of asphalte.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 4th Divisi
„ Controller of Public Works Accounts
„ Military Department.

Exd. S. T. Austin.

1 Plan & Estimate & Supplies 15-2-73

Guindy 7
15th February 1873

Respected Sir

I request that you will kindly return the Plan and Estimate of the Vellore Cashab forwarded for your reference as per your accompanying Memo dated 9th October 1872.

These papers are urgently required for reference & disposal

I beg to remain
Sir
Your obedient Servant

Dd Administrative A.D. Clerk
Lieut Engr Office, N. Camp

P.W.D.

Memo

Requested for reference the Plan and Estimate forwarded with this Office No 248 of 2nd Augt 72

7 Octr 72

2nd Asstt

To the Manager in the Supt Engr Office H.D.

No 1548

Superintending Engineer's Office H.D.
Camp Wandewash
13th July 1872.

From

Colonel F. J. Mealey R.E.
Superintending Engineer H.D.

To

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

Sir,

Enclosure
1 Sketch of Vellore
1 Estimate

1 Referring to Government Order No 1607 of 112 dated 18th May and 12th June/72, I have the honor to report that I have carefully examined the Cantonments of Vellore, and believe that there is no reason for abandoning the present regiment lines, or for building the reconstruction of the huts in the Cantonment.

2 Immediately above the latter, at the point marked A in the sketch, a tank formerly covered the Roman Catholic premises, and several adjacent gardens. Its surplus paper bounds a rock to the Westward into the Nakkal Kavai, which carries the surplus of Khoraipandy, and several other tanks, to the Pálár, flowing in a shallow bed through a cultivated valley.

× This is not drawn to scale and in points of distances is far from correct. It is only intended to give a general idea.

3 Some 40 years ago the tank breached, as I am inclined to think, as a sluice, and enlarged the

the irrigation channel below it into the Cuvbak Nullah, which flows along the side of the slope, and intercepts the drainage from the town and lines.

4 Major Searle, the Vice President of the Municipal Commission, who accompanied me one morning over the ground, was anxious that I should turn it directly through to the Nakkal Kavai, but this would be expensive in itself, and would cut off a large area of land from its proper source of supply.

5 I propose therefore to adhere to the existing channel; shortly after passing out of the old fort it is crossed by a bridge which has been much injured by the flood. It consists of formerly of 6 vents flat topped 6' spans 3/4 mile further down, the Nullah receives the surplus of the Sariaguntu, and town drainage, and, barred by a masonry dam, (which has now been breached) threw a supply of water into the Fort ditches. to this dam we may attribute the existence of very much of the silt which has raised the bed to nearly the level of the ground. I have desired its entire removal. the Range Officer reports that this is done.

6 Below this point, the proper course of the Nullah has been apparently taken up by cultivation the only way left being an irrigation channel which passes under the Bangalore road by a vent 3/4 x 3/4 and throws some small quantity by the road trench into the Nakkal Kavai.

7 I propose reopening the free course of the Cuvbak Nullah across the paddy fields into the Nakkal Kavai, see sketch B. for the supply of the small area now under the irrigation channel on each side of the Bangalore road, I have allowed for posts and shutters to be put on an apron, flush with the bed of the Cuvbak Nullah at the head of the new cut.

8 Below the Bangalore road the combined streams have a fall of 6 feet in the first and 4 feet in the second mile to the Palar; but as that river may be in flood it is impossible to calculate on free discharge and we must be content to submerge the crops for a few hours.

9 It is certain that water from the breaches of Viroopachy and Allapuram tanks must have passed over intervening country and down the choked up Cuvbak Nullah. The survey of the country above these tanks is very incomplete. see sketch but in itself the Cuvbak Nullah appears to drain about 6 square miles.

10 In laying out the channel in Cantonment I find that we have between floors of 2 bridges a fall of 22.89 feet in 6970 feet or

1/3

1/2 per Mile— a channel 21 feet wide at bottom to the junction of the Sarsaguntu and there increasing gradually to 30 feet at the head will drain 1/2 inch rain fall ~~per hour~~ over the above area the earth taken out added to the existing bank will easily gain 1/2 yard more in depth of ~~1~~ per hour.

11 I propose to run a catch drain to convey the water from the regiment lines to the Sarsaguntu surplus at its junction with the Cuchak Nullah.

12 The Cuchak itself will drain into the paddy fields behind and be protected by a bank from extraordinary floods.

13 I think it will be wise to defer the repair of the Veroopachy and Allapuram banks till we can more carefully study the subject, the damage is so great that we can ill afford to restore the bank and I doubt if the cash would not far exceed the returns.

14 I have therefore suggested to the Collector that it had be let for dry cultivation probably for the next 5 years; the loosening of the silt, 12 feet thick will probably cause the removal of a great deal of it into the Chasms which now exist. This will ~~gradually~~ diminish the cost of bank when we do restore it and some what increase the contents of the tank

tank; which must be provided with a long surplus weir at a good level and a discharging channel to convey the water ~~c~~ of the town to other tanks which will probably utilize it.

15 The enclosed estimate will I think make the place secure. I beg its early consideration and I trust that if approved by Government I may be speedily supplied with funds to carry it on as the health and comfort of the Military and their families are likely to suffer.

I have the honor to be
Sir
Your Most Obed Servant

J. Fleeby Colle
Superintending Engineer &c &c

Improvements
New Works

15

Military

Detailed Estimate No. 13 of 1872/73

District North Arcot

Taluq Wallajah

Village

Constructing Screen Walls to the Cavalry Sick Lines at Ranneepett

Particulars.	No.	Measurement. L	B.	D.	Cubical contents.
Raising Principal Wall North side at West End	5	10	1	3	62-6
Do Do Do	1	11-6	1	3	14-4½
Constructing Cross Wall including foundation	4	12	1	3	450
Closing Doorways Do Do	4	1	1	3	37-6
Raising Principal Wall south side at West End	1	11-6	1	3	14-4½
Do Do Do	2	10	1	3	25
Constructing Cross Wall including foundation	2	12	1	3	225
Closing Doorways Do Do	2	1	1	3	18-9
Constructing Screen Wall south side including foundation	21	10	1	3	1968-9
Do Do Do	18	10	1	3	1687-6
Do Centre Wall Do Do	1	9-6	1	3	89-¾
Total					4592-9
Deduct for Doorways	18	3	1	3	900
Total Cubic feet					3692-9
Cubic yards of Mud Work					136-20¾/27
Smoothening Walls with Mud & Coarding	5	10	2		100
	1	11-6	2		23
	4	12	13		624
	4	1	13		52
	1	11-6	2		23
Carried Over					822

P.W.D. 18/72 Military
Ranneepett
Screen Walls
Cavalry Sick Lines
Improvements
New Works
Dy Engineer
1st Division

Dy Secretary - Military Department

Estimate for Constructing Screen Walls to the Cavalry Sick Lines at Ranneepett

Rs 2530-28 Rupees

Rs 244

Rs 2286

Rs 1548

Dy Engineer

Contingencies 5 p.c. Rs 112

Rs 2398

Rs 132

Rs 2530

Executive Engineer

Ch 4 by 8

Ch 4 by 8

Ch 4 by 8

Public Works Department

Detailed Estimate No. 12 of 1872-73.

District North Arcot

Taluq Wallaja

Village

Work

Constructing Screen Wall to the Cannery Lock Lines, at Cannepette

4644

P. R. 42855/2.

Estimate Rupees 110

Particulars	No.	Measurements L	B	D	Cubical Contents
Draught forward					822
	2	10	2		40
	2	12	13		312
	2	1	13		26
	21	10	13		2730
	18	10	13		2340
	1	9 — 6	14		133
Total					6403
Deduct for Door Ways	18	3	5		720
Total Square feet or					5683
Squares of Smoothening & Cowdunging Walls					56-83/100
Whitewashing Centre Walls	24	10	15 — 3		3660
Principal Wall North side at West End	1	73	13		949
West end Wall Outside	1	30	8		240
Principal Wall South side at East end	1	39	13		507
West End Wall inside	1	26	8		208
Cross Walls North side at West end	6	12	14 — 3		1026
Do South side Do	3	12	14 — 3		513
Do Do	18	12	9		1944
Do North side	17	12	1		204
Pillars south side	18	8 — 6	7		1071
Do North side	17	8	6 — 7		1011 — 6
Screen Wall south side	21	10	13		2730
Do Do North side	18	10	13		2340
East Room Outside	1	59 — 6	8 — 6		505 — 9
Total					16909-3
Deduct for Doorways	18	3	5		720
Total Square feet or					16189-3
Squares Whitewashing with 2 Coats in Chunam					161-89/100
Bamboo Doors	18	3	5		

12 D. C. Rs. 16 4/9
2 D. C. Rs. 1 6 3/4
2 D. C. Rs. 2 6 2 3/4

Value of Building Rs 2000 ABSTRACT.

Quantity.	Description of Charges.	Rate.	
136 20 3/4 / 27	Cu. yds Mud Work including Carting	"	3 "
56 83/100	Squares of Smoothening & Cowdunging Wall	"	3 "
161 89/100	Do of Whitewashing with 2 Coats in Clu	"	2 "
48	No of Bamboo Doors including Carting	1	" 1
	Sundries and Uneven Items		

Grand Total of Estimate Rupees One hun
and Ten Only

Examined

Superintending Engineer

Executive Engineer

Contractor

No. 1 or Wallajah Range Office
Camp Ranipett 3d July 1872.

Supt Engr Ord Dept

In charge of W

Quarter Master General's Office
Head Quarters.
Octacamund 26 August 1872.

No. 365
6603

To,
The Superintending Engineer
4th Division
Ranipett.

Sir,

I have the honor by order to return with the approval of His Excellency the Commander-in-Chief, the Plan and Estimates received with your letter No. 2087 dated 13th Instant.

1 Estimate for Rs 110 for Constructing Screen walls to the Cavalry Sick Lines at Ranipett.

1 Estimate for Rs 1300 for Constructing Latrines for the use of Native Families occupying Barracks at Ranipett

I have &c
Signed W. H. O'Connell Colonel.
Offg Quartermaster General

A true Copy
J Murdoch Capt R E
Supt Engineer 4 Dn

Military — Emergent Nuisance

Detailed Estimate No 12 of 1872/73

District North Arcot

Taluq Wallajah

Village Ranneput

Work. Constructing Latrines for use of Native Families occupying Infantry & Cavalry Barracks Ranneput

Particulars

Infantry Barracks
Latrine for Women

Particulars	Number	Measurement L	B	D	Contents
Foundation					
Longitudinal walls	4	58.	6	2.6	1170
" Cross and End "	5	17.	"	2.6	425
" Screen "	8	3.	"	2.	96
Total					1691
Deduct	8	2.	"	2.6	80
Superstructure					1611
" Longitudinal walls	4	58	2.	6.6	3016
" Cross and End "	5	10	2.	6.6	1170
" Screen "	8	3	1.6	6.6	234
" Trough	8	6.9	"	9 2.	81
Total					6112
Deduct for old wall and openings					958½
Total Cft-s					5154½
Cubic Yards Brick walls					190 21/27

Carried over

Particulars	Number	Measurement L	B	d	Contents
Brought forward					
Concrete base for Asphalte flooring	6	12. 9		9	486
Total C.y.d. Brick Jelly in Chunam					18
Flooring	6	15	12		1080
Deduct for Troughs & Screen walls	6	3.9	3.9		111
	6	3	4	8	
Total Sft Flooring with Asphalt					969
Plastering					
" Longitudinal walls	4	80		6.6	2080
" Cross	4	18.6		6.6	481
" End	4	22.6		6.6	585
" Screen	6	7.6		6.6	292.6
" Trough	6	13.6		4.6	364.6
Total					3803
Deduct	6	5		6.6	195
Total Sft Plastering with Sand					3608
Coping with tiles in Chunam Rft		230			230
Excavation		262	2.6	2	1310
Total C.y.d. of Excavation					48 11/27
Making Roadway & tamping	44	3		5	732
Total S.y.d. Yards					14 6/9

Cavalry Barracks

Latrines for Men & Women

Particulars	Number	Measurement L	B	d	Contents
Foundation					
" Longitudinal walls	4	30.6	2.6	2	610
" Cross & End walls	3	17	2.6	2	255
" Screen	4	3	2	2	48
Total					913
Deduct	8	2.6	2		40
Superstructure					893
" Longitudinal walls	4	30	2	6.6	1560
" Cross and End "	3	18	2	6.6	702
" Screen	4	3	1.6	6.6	117
" Trough	4	6.9	9"	2	40.6
Total					3312.6
Deduct	10	2	6.6		130
Total C.ft a					3182.6
Cubic Yards Rend wall					117 23/27
Seats					
Foundation	4	12	1.9	1	84
Above	4	12	1.6	1.6	108
Total C.ft.					192
or C.y.d. Brick in Chunam					7 3/27
Concrete base for Asphalte flooring	4	12	9	9	324
Total C.y.d. Brick Jelly in Chunam					12

Carried Over

Particulars.	Numbers	Measurement L	B	D	Contents
Brought forward					
Flooring	4	15	12		720.
Deduct for Troughs and Screen walls	4	3.9	3.9		56.3.
	4	3	1.6		
Total Sft Flooring with Asphalte ½ thick					663¾
Plastering					
" Longitudinal walls	4	54		6.6	1404
" Cross "	2	18½		6.6	240½
" End	4	22½		6.6	585
" Screen	4	7.6		6.6	195
" Troughs	4	13½		4.6	243
Total					2667½
Deduct	20			6.6	130
Total Sft Plastering with Mud					2537½
Coping with tiles in Chunnam Rft	168				168
Excavation	176	2.6	2		880
Total Cyds of Excavation					32 16/27
Making Roadway & Tamping	30	3			90
Total Sq yards					10

Abstract

Quantity	Description of Charges	Rate	Amount	Total
	Infantry Barracks			
	Latrine for Women			
190 24/27	Cyds of Mud wall	" 3.	35 12 8	
14 6/27	" of Brick in Chunnam	3 8.	49 12 5	
24	" of Concrete Base	2 "	48 "	
12.91½	Squares of Asphalte Flooring ½" thick	10 "	129 2 5	
14.70½	" of Plastering with mud	" 16	4 3 1	
317	Sft of Coping with tiles in Chm	" 3.	59 7 "	
7 21/27	Cyds " Excavation	" 9	2 11 4	
19 3/9	Sq Yds " Roadway & Tamping	" 16	1 13 "	
	Total		330 13 11	
	Sundries	6 2 1	3.3.7	
	Infantry Barracks			
	Latrine for Men			
137 25/27	Cyds of Mud wall	" 3.	25 11 11	
10 2/3	" Brick in Chunnam	3 8.	37 5 4	
18. CD's	" Concrete Base	2 "	36 " "	
9.69	Sqrs of Asphalte flooring	10 "	96 14 5	
6.08	" Plastering with Mud	" 16	3 6 1	
30	Rft, Coping with Tiles in Chm	" 3.	[illegible]	
	Carried over		242 7 9	337 " "

Quantity	Description of Charges	Rate	Amount	Total
	Brought forward			242 7 9 337 - 1 -
18 11/27	Cyds Excavation	-	9	2 4 5
14 6/9	Sq Yds of Roadway & Tamping	-	16	1 6 -
	Total			246 2 2
	Sundries			5 13 10 257 - 1 -
	Cavalry Barracks			
	Latrines for men and Women			
117 23/27	Cyds. of Mud wall	-	3 -	22 1 6
7 3/27	" Brick in Chunnam	3 8	-	24 14 1
12	" Concrete Base	2	-	24 - -
66.3 3/4	Sqrs Asphalte flooring	10	-	66 6 -
25.37 1/2	" Plastering with Mud	-	16	2 6 -
168	Rft. coping with tiles in Chunn	-	3 -	31 8 -
32 16/27	Cyds. Excavations	-	9	1 8 5
10	Sqr yds. Roadway & Tamping	-	16	- 15 -
	Sundries			4 4 -
	Total for one			178 - -
	" for four			712 - -
	Grand Total Rs			1300 - -

No 1 or Wallajah Range Office
Camp Arcot 3rd July 1872.

J. W. A. Stephens
Superintendent in Ch: No 1 or Wallajah Range

Certified that the Quantities stated in the above Bill are correct

Lt Col R.E.
Supt Engr 1st Div

Examined

Lt Col R.E.
Supt Engr 1st Div

Examined

Lt Col R.E.
Supt Engr 1st Div

No: 3421

Asst. Q. M. G. Office Q. M. G.
Madras 22nd Sept. (No. 1072

Stone,

Colonel, C. E. J. Malcolmson P. C.
Superintending Engineer 4th Div.

Sir,

Colonel G. W. Mallock P. C.
Secretary to Government C. M. D.

Sir,

I have the honor to enclose estimate for painting repairing and building Latrines for the Regimental Followers attached to the Artillery Cantonments at Trichinopoly.

2. The works are required at the Artillery Cantonments, and the Local Officers all thought it needful to carry them out.

The Estimate amounts to Rs 1300-0-0

I have the honor to be
Sir
Your most obedient Servant
Colonel
Asst. Q. M. G.

Enclosures
1 Plan
2 Estimates

Military Emergent New Work

Detailed Estimate No. 12
of 1872/73

District North Arcot
Taluq Wallajah
Village Ranneypettah

Work.

Constructing Latrines for use of Native families occupying Infantry & Cavalry Barracks. Ranneypettah

P. W. ~~4285~~ 4646/72.

Estimate Rs 1300-0-0

P.D. 2nd Dept. 1649
P.D. 2nd Dept. 1636.
4 to No. 25-30 of 26 October 72

No 2483.

Supt Engineer's Office
4th September 1872.

From
Lieut Colonel H. Robertson R.E.
Superintending Engineer
&
Lieut Colonel G. H. Walker R.E.
Secretary to Government
P.W. Department.

Correspondence Noted in the margin.
Letter No. 2421 dated 22nd ultimo
with enclosures.

Memo to Supt Engr Work that the
Plan and Estimate forwarded
with the above letter have been
duly approved by His Excellency
the Commander-in-Chief vide
Secretariat letter No. 3055
of 9th Inst. to Chief Engr
Dated 10th ultimo from the
Quarter Master General which
is returned herewith.

Sd/ [illegible]
Executive Engineer

Submitted to the Superintending Engineer
for his
Sd/ [illegible]
Supt Engr
4th September 1872.

Rd 2nd August/72 No 2483 Encl

Returned to the Supt Engineer 4th Div with a view to the papers being submitted for the approval of His Excellency the Commander-in-Chief in accordance with para 77 Chapter X of the Code.

W. Walker Col R.E.
Secy to Govt
P.W.D.

Do Recommend
9th September
1872.

P. W. 1872 Despatch.
From Offg Govt for Secy
No. 4285.
The Superintending Engineer
&c &c &c

To,
The Secretary to Government
Public Works Deptt.

Dated 22
Recd 3 } Sept 1872
No. 2421.

1 Plan
2 Enc: P.W. 4644/72

Encloses Estimates for putting up Mud Walls to the Stables occupied by and building Latrines for the use of the Families of Regiment sent to Kamerpet after the destruction of the Huts at the Cudiah at Vellore
No 2483 Dated 3rd Sept 1872

No 473
Rec'd 5th Sept 72

No 2530. Public Works Dept.

Proceedings of the Madras Government.

Read the following.

From

The Supt Engr 4th Div No No 1548 dd 13th July 1872

Do — Do — No No 2421 dd 12th September 1872

Do — Do — 2683 dd 24th —

In G. O. No 160 of 18th May, the Supt Engineer 4th Division was ordered to report on the subject of abandoning the Sankeys at Vellore, and in No 112 of 12th June to state the nature and amount of assistance actually required by him for work in the Vellore and Chittoor Ranges

Referring to the

Mr. Sims Superintendg Engr

Ch. Engr

Unless the families are to be kept at Ranee Kut for a long time this is a large sum to be charged as "Incidentals" - surely Mr Sims should state more definitely

Mr. Sims Superintendg Engr

Ch. Engr

Dr. 1872 Oct 4

Public Works Dept

Proceedings of the Madras Government

Read the following

From

The Supt Engr 4th Div No 2683 dd 24th September 1872

To

The Secretary to Government

Dated 24th September 1872

Rec'd 25th September 1872

Subject

Requesting that the Sankeys at Vellore may be abandoned

Sir

In forwarding that the Sankeys at Vellore may be abandoned as the building requisitioned by and for the Collector Salaries for the Engineer Establishment for the Registrar to Ranee Kut have been drawn duly attested by the Executive Officer

No 2530 - 28th October 1872

above orders the Superintending Engineer reported in his letter No. 1548 of 13th July that there was "no reason for abandoning the present "Regimental lines, or "forbidding the reconstruction of the huts "in the Cuddah" - and he submitted an estimate of Rs 5,000 for improving the drainage of the place, with a rough sketch of the locality; reporting at the same time his opinion that the repair of the Verandahs and Allapooram Sanctions should be deferred until the subject

could be more carefully studied.

Being reminded by the Chief Engineer that the question of retention of Regimental Lines and reconstruction of huts was not a subject remitted for his consideration by either of the Government orders quoted in his letter, the Supt Engineer has now sent up for sanction, Estimates for work at Arcot originally called for by the Military authorities, but which he had withheld because "the local officers

all thought well of
his plan for clearing
and securing the
Cavalry Lick Lines.

These estimates are,
it appears for erecting
six blocks of privies
adjacent to the Barracks
at Rainepet at a cost
of Rs 1300, and a number
of screen walls to the
Cavalry Lick Lines.

Works of a nature
urgently required to
supplement the accom-
-modation provided
for the families of the
14th and 27th Regiments,
and in delaying the

construction of which
Col. Moberly has taken
an unwarrantable
responsibility on
himself - He will now
proceed energetically with
both works ~~from funds at~~
from the funds at
ready at his dis-
posal; but as
the stay of the
families at Ra-
nepett may not
be of any long
duration, he
will provide
latrine accom-
modation of a
more temporary
nature than
that designed,
using Wattle and
Daub in lieu of
Brick in Common
or Mud & Mud
floors with cement
instead of Asphalt -

GMW

For the S. Engr. Circle
Controller
Mily Depts
Dec 2/11/92

the lesser from the funds
already at his disposal,
and devoting to future
specific allotment of
funds for the Privies -
He is further expected
to take up the question
of restoring the tank Rs
at Vellore in a thoroughly
professional and
systematic manner -

GMW

Ch 4285, 4644 + 3453

Govt. of {1872} Madras.

PUBLIC WORKS.

To the Superintending Engr. 4th Div.

Dated

Rcvd. Encl. 2

G. O. 28th October No. 2530.

Nos. 478 & 481

Military Works at Ranneped.

Passing orders on letters from the Supt. Engr. Nos 4 & 5 Cir. submitting estimates for erecting privies adjacent to the Barracks at Ranneped and for screen walls to two Cavalry Picketlines.