M.R.O. 1—77,005—8-6-37.

(1) Number of pages 12

(2) Date of repair 6.2.43.

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Revenue Labour DEPARTMENT.

G.O. No. 7334 Press / Mis.

Dated 12-4-42 18

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 29th September 1862.

No. 522. Read the following Proceedings of the Madras Government in the Military Department, dated 19th September 1862, No. 3,242 :—

Approving of the estimate for repairing the Lines occupied by the 44th Madras Native Infantry at Perambore. (Vide Military Proceedings, 19th September 1862, Nos. 430-431.)

No. 523. ORDER THEREON, 29th September 1862, No. 2,335.

Communicated to the Acting Deputy Chief Engineer, Central Circle, for information and guidance.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

" " For - 1 - Hut - - - " " 33

Abstract Estimate № 143 of 1862
District Presidency.

Work. For Certain alterations to the Huts occupied by the 44th Regiment. N. I. at Perambore. prepared agreeably to the Orders of Government № 1711 of the 17th July 1862.

Quantity	Description of work	Rate	Amount			Total	
	№ 1						
	Raising a Privates Hut in the single range						
32 3/16	Brickwork in clay	"	1	10½	3	11	8
89 7/8	Brick work in chunam	"	2	5	13	7	3
4 1/5	Flat arch work in chunam.	"	3	4	"	15	7
211	Covering the roof with 7/8 new and 7/8 old pantiles including ridge & eve chunam borders	1	3	6	2	9	3
53 3/4	Roofing the verandah with new split palmirah rafters and nails	4	11	"	2	8	4
123 5/8	Covering roof with old palmirah rafters obtained in the huts including joining the rafters	"	12	"	"	14	10
150½	Lining with 7/16 of new palmirah reepers and 15/16 old D° with new nails	"	12	6	1	2	10
11-6	1 Palmirah purlin to support the joint palmirahs in the roome	"	1	3	"	14	4
11-6	1 Palmirah joint breastsummer of the best quality including nails and coolly hire 8 1/2 placed at the edge way	"	2	9	1	15	7
	2 Gall posts with caps	1	14	"	2	8	"
188	Coolly hire for removing the old roof together with pantiles rafters and reepers also collecting old materials safely	"	2	6	"	14	5/7
	Sundry Charges and scaffolding including Tax &c	"	"	"	1	15	5/7
	For - 1 - Hut	"	"	"	33	"	"
	For - 49 - "	33	"		1617	"	1617 -
	№ 2.						
	Raising one privates Hut in the double range.						
56 7/16	Brickwork in clay	"	1	10½	6	8	8
31 13/16	Brick work in Chunam	"	2	5	4	12	11
	Carried Over	"	"	"	11	5	7

Quantity	Description of work	Rate	Amount		Total
	Brought Over	"	11	5 7	1617
1 11/16	Flat arch work in chunam	"	3 4	" 15 7	
193 7/8	Covering the roof with 7/8 new and 7/8 old pantiles including Chunam borders to the ridge and eave only	1	3 6	2 5 9	
53 3/4	Roofing the verandah with new split palmirah rafters and nails	4	11 "	2 8 4	
123 5/8	Roofing the inside the huts with old palmirah rafters jointly laid including nails	"	12 "	" 14 10	
130 1/2	Lining with 7/16 of new palmirah reepers and 15/16 old including new nails	"	12 6	1 2 10	
11-6	1 Palmirah purlin of the best quality placed at the edge way to support the joint palmirah rafters	"	1 3	" 14 11	
11-6	1 Palmirah joint breastsummer of the best quality including nails & cooly &c placed at the edge way	"	2 9	1 15 7	
	2 Gall wood posts with caps	1	4 "	2 8 "	
173 5/16	Cooly hire for removing the old roof together with pantiles and reepers also collecting the old materials safely	"	2 6	" 4 4	
	Sundry charges & scaffoldings including tar &c	"	" "	1 8 10	
	For - 1 - Hut	"	" "	26 8 "	
	For - 572 - Huts	26	8 "	" " "	1518 "
	No 3				
	Naiguas and Drummers huts Single range				
37 1/2	Brick work in clay	"	1 10 1/4	4 5 6	
118 5/16	Brick work in chunam	"	2 5	17 7 6	
4 11/16	Flat arch work in chunam	"	3 4	" 15 7	
288	Covering the roof with 7/8 new and 7/8 old pantiles including chunam borders to the ridge and to the eave only	1	3 6	3 8 2	
75	Roofing the verandah with new split palmirah rafters and nails	4	11 "	3 8 3	
172 1/2	Roofing with old palmirah rafters obtained in the huts including joining the rafters	"	12 "	1 4 8	
	Carried Over		31	1 5	1677 5

Quantity	Description of work	Rate	Amount		Total
					52
	Brought Over		31	8 1/2	1677 5 "
5/16	Lining over the rafters with 7/16 new palmirah reepers and 15/16 old Do including new nails	"	12 6	1 10 3	
16	1 Palmirah joint breastsummer of the best quality placed at the edge way over the posts in the verandah including nails & cooly hire &c	"	2 9	2 12 "	
256	Cooly hire for removing the old roof together with pantiles rafters reepers & collecting the materials	"	2 6	" 6 5 "	
" 2 6	Teakwood brackets wrought and put up	3	10 "	" 12 1	
16	Palmirah purlin of the best quality placed at the edge way over the uprights to support the joint palmirah rafters	"	1 3	1 4 "	
	2 Gallwood posts with country wood caps	1	4 "	2 8 "	
	Sundry charges and scaffoldings &c	"	" "	2 3 1/4 10	
	For - 1 - Hut	"	" "	43 " "	
	For 20 including 3 Naiks & 17 Drummers	"	" "	" " "	860 " "
	No 4				
	Naiguas Huts in the double range				
7 1/2	Brickwork in clay	"	1 10 1/4	8 2 9	
40 5/16	Brick work in chunam	"	2 5	6 1 5	
4 11/16	Flat arch work in chunam	"	3 4	" 15 7	
236	Cooly hire for removing the old roof together with pantiles rafters reepers and nails also collecting the old materials	"	2 6	" 6 "	
361	Covering the roof with 7/8 new pantiles 7/8 old Do including chunam borders to the ridge & eave only	1	3 6	3 3 6	
75	Roofing with new palmirah rafters to the Verandah	4	11 "	3 8 3	
172 1/2	Roofing with old palmirah rafters inside the huts	"	12 "	1 4 8	
210	Lining over the rafters with 7/8 new palmirah reepers & 7/8 old Do with new nails	"	12 6	1 10 3	
16	Palmirah joint breastsummer of the best quality placed at the edge way in the Verandah	"	2 9	2 12 "	
16	Palmirah purlin inside the roof to support the joint rafters	"	1 3	1 4 "	
	1 Teakwood bracket wrought and put up	3	10 "	" 12 1	
	2 Country wood posts with Caps &c complete	1	4 "	2 8 "	
	Carried Over	"	" "	32 8 6	17635 "

Quantity	Description of work	Rate	Amount		Total	
	Brought Over	"	"	32	5 6	1635 "
	Sundry charges and scaffoldings &c			1	7 6	
	For 1 hut			34	" "	
	For 45 huts	34	"	"	" "	1530 "
	No 5					
	Raising the Havildar huts Single range					
42 3/16	Brick work in clay	"	1	10½	4 14	3
12+5 15/16	Brickwork in Chunam	"	2	5	21/22 1/2+1/8	
4 11/16	Flat arch work in Chunam	"	3	4	" 15	7
316	Cooly hire for removing the present roof with pantiles rafters & reepers &c also collecting the old materials	"	2	6	" 7	11
353½	Covering the roof with ⅞ new and ⅞ old pantiles including Chunam borders to the ridge & ewe only	1	3	6	1 5	4
93¾	Roofing with new palmirah rafters to the verandah	1	11	"	1 6	4
215 5/8	Roofing with old palmirah joint rafters inside the huts	"	12	"	1 9	10
262½	Lining over the rafter with ⅞ new & ⅞ old palmirah reepers	"	12	6	2 "	10
19-9	Palmirah purlin inside the roof to support the joint rafters	"	1	3	1 8	8
19-9	Palmirah joint breastsummer to be placed at the edge way in the Verandah	"	2	9	3 6	4
2	Country wood posts each with [illegible] caps & iron rings &c Complete	1	4	"	2 8	"
" 5 " 2	Teakwood brackets wrought and put up	3	10	"	1 8	2
	Sundry Charges and scaffoldings &c	"	"	"	3 2	5
	For 1 hut				52 10	1
	For 2 Do	52	8	"	" "	"
	No 6					
	Havildars Huts double range					
82 15/16	Brick work in clay	"	1	10½	9	9
48 11/16	Brick work in Chunam	"	2	5	7	5 8
4 11/16	Flat arch work in Chunam	"	3	4	" 15	7
291¼	Cooly hire for removing the old roof together with pantiles rafters reepers and nails also collecting the old materials	"	2	6	" 7	3
325¾	Covering the roof with ⅞ new & ⅞ old pantiles including Chunam borders to the ridge ewe only	1	3	6	3 15	6
	Carried Over				22 5	1 1/2

Quantity	Description of work	Rate	Amount		Total	
	Brought Over			22	5 9	1937½ "
93¾	Roofing with new palmirah split rafters and nails to the Verandah	1	11	" 4	6	4
215½	Roofing with old joint palmirah inside the huts	1	"	" 2/7	2	6
262½	Lining over the rafters with ⅞ new and ⅞ old palmirah reepers and new nails	"	12	6 2	"	10
2	Country wood posts with caps	1	4	" 2	8	"
19-9	Palmirah purlin inside the roof to support the joint rafters	"	1	3 1	8	8
19-9	Palmirah joint breastsummer of the best quality placed at the edge way in the Verandah	"	2	9 3	6	4
2	Teakwood brackets wrought and put up	3	10	" 1	8	2
	Sundry Charges & scaffoldings &c	"	"	" 2	1	5
	For 1 Havildar hut	"	"	" 41/41	"	"
	For 39 Do	41	"	" "	"	" 1638 "
						1599
	No 7					
	Raising Jamadar Huts in double range					
45 15/16	Brick work in clay	"	1	10½	13 10	3/4
70½	Brick work in Chunam	"	2	5	10 10	4
9⅜	Flat arch work in Chunam	"	3	4	1 5	3
	Cooly hire for removing the old roof together with pantiles rafters reepers and nails also collecting the old materials safely	"	2	6	" 11	3
1814	Covering the roof with ⅞ new & ⅞ old pantiles including Chunam borders to the ridge & ewe only	1	3	6	5 4	3
1164	Roofing with new palmirah rafters to the Verandah	1	11	"	6 13	8
336½	Roofing with old palmirah rafters jointly laid including nails	1	"	"	3 5	10
1091	Lining over the rafters with ⅞ new and ⅞ old palmirah reepers and new nails	"	12	6	3 3	2
4	Country wood posts with caps	1	4	"	5 "	"
30-3	Palmirah purlin inside the roof to support the joint rafters	"	1	3	2 5	7
30-3	Palmirah joint double breast summer placed at the edge way in the Verandah	"	2	9	5 3	2
1	Teakwood wrought and put up	3	10	"	3 2	5
	Sundry charges and scaffoldings	"	"	"	3 6	8
	For 1 Jamadar hut	"	"	"	66 "	"
	Carried over	"	"	"	66 "	" 2086 " 2093

Quantity	Description of work	Rate	Amount	Total
	Brought Over	" " " 66	" 2090	2090
	For 8 Jamadar huts	66 " " " " "	528 "	2618
	1 & 8			
	Raising Subadar huts in Single range.			
683½	Brick work in clay — — — —	" 1 10½	7 15 6	
292¾	Brick work in Chunam — — —	" 2 5	44 3 6	
9⅞	Flat arch work in chunam — — —	" 3 4	1 15 3	
656	Cooly hire for removing the present roof together with pantiles rafters and reepers &c also collecting the old materials — —	" 2 6	1 " 5	
738	Covering the roof with ⅛ new and ⅞ old pantiles including chunam borders to the ridge & eve only	1 3 6	8 18 9	
200	Roofing with new palmirah rafters to the Verandah	4 11 "	9 6 "	
460	Roofing with old palmirah joint rafters inside the huts	" 12 "	3 7 2	
560	Laying over the rafters with ⅛ new and ⅞ old palmirah reepers with new nails —	" 12 6	4 6 "	
41	Palmirah purlin inside the roof to support the joint rafters	" 1 3	3 3 3	
41	Palmirah joint breastsummer to be placed at the edge way over the posts in the Verandah	" 2 9	7 " 9	
4	Country wood posts each with Cases — —	1 4 "	5 " "	
1-5-6½	Teakwood wrought and put up — —	3 10 "	5 4 7	
	Sundry Charges & scaffoldings &c — —	" " "	5 9 10	
	For — 1 — Subadar hut —	" " "	107 8 "	
	For 2 Do	107 8 "	" " "	215 "
	№ 9			
	Raising the Subadar huts in the double range			
153 5/15	Brick work in clay — — —	" 1 10½	17 12 3	
92⅞	Brick work in Chunam — — —	" 2 5	14 " 5	
9⅞	Flat arch work in Chunam — —	" 3 4	1 15 3	
60	Cooly hire for removing the old roof together with pantiles rafters reepers and nails also collecting the old materials	" 2 6	" 15 1	
656	Covering the roof with ⅛ new & ⅞ old pantiles including chunam borders to the ridge & eve only	1 3 6	7 15 11	
200	Roofing with new palmirah rafters to the Verandah — —	4 11 "	9 6 "	
	Carried Over	" " "	522 " 11	2165 2165

Quantity	Description of Work	Rate	Amount	Total
	Brought Over	" " " 52	" 11	2165 2165
560	Laying over the rafter with ⅛ new and ⅞ old palmirah reepers and nails —	" 12 6	4 6 "	
460	Roofing with old joint palmirah rafters and nails inside the huts — —	" 12 "	3 7 2	
4	Country wood posts with Cases and iron rings &c Complete —	1 4 "	5 " "	
41	Palmirah purlin inside the roof to support the joint rafters — — —	" 1 3	3 3 3	
41	Palmirah double breastsummer placed at the edge way over the posts in the Verandah — — —	" 2 9	7 " 9	
1-5-6	Teakwood wrought and put up — —	3 10 "	5 4 7	
	Sundry charges and scaffoldings &c — —	" " "	4 9 4	
	For — 1 hut — —	" " "	85 " "	
	For 6 huts — —	85 " "	" " "	510 "
	№ 10			
	Rebuilding the back wall of the right wing on the West side and constructing buttresses.			
451 7/15	Brick work in clay. — — —	" 1 10½	5 18 14 9	
6000	Plastering with 2 Coats of Chunam to the exterior walls where required —	2 " 2	120 10 "	
	Sundry charges and scaffoldings including excavating foundation and demolishing the old wall — — —	" " "	36 7 3	676 "
	№ 11			
1771½	Raising the end walls of 11 double and 6 single ranges with brick in Chunam and not included in the Items above mentioned — —	" 2 5	267 15 9	
	Carried Over		267 15 9	22798 22837

Quantity

Description of work

Rate | Amount | Total

Brought Over " " " 267 15 9 22-98

Repairing the masonry troughs and outlets for the drainage of the huts in the ranges wherever required - - - " " " 92 12 "

Sundry Charges &c - - - - " " " 21 4 3 3-82 3 8 3

Total Rupees Twenty three thousand one hundred and eighty 23180- 23220

Ft. St. George

Dist. Engrs Office
Madras
26th August 1862

H W Hitchins Lieut Col
District Engineer Presidency

11C

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following letter:—

From the Acting Deputy Chief Engineer Central Circle, Chepauk, 10th September 1862; No. 227; to the Secretary to Government, Public Works Department.

In pursuance of the Order of Government No. 1711, of the 17th July 1862, I have the honor herewith to submit for sanction, an Estimate amounting to Rupees 23,220, for repairing the Lines occupied by the 44th Madras Native Infantry, at Perambore.

Enclosures five.

1 *Letter from the District Engineer, Presidency, dated 26th August 1862, No. 1139.*
1 *Abstract Estimate.*
1 *Specification.*
2 *Plans.*

2. The necessity for this large outlay on 743 Huts, the reduced strength of Native Infantry Regiments, is stated to be owing to the limited amount originally allowed for the construction of these Lines, and to the very inferior workmanship of the Buildings.

3. The Lines consist of rows of Huts, each row having a centre wall of raw bricks in mud, with a sloping roof on each side. The end rows have a roof on the inner side only, the exterior portion of the wall being faced with burnt bricks. All these walls are more or less bulged and cracked, some portions must be entirely re-built, whilst other less injured portions must be strengthened by buttresses. The rise of the roof of these Huts is only 5½ feet in a span of 26 feet which causes them to leak very much. It is proposed to remedy this defect by raising the centre wall 3½ feet, so as to give a greater slope to the roof, the portion thus added to be of brick in mud with the exception of one foot along the top which is to be of brick in chunam.

4. Of the total number of Huts originally built, namely, 851, only 753 are now required as above stated. The excess 98, will be pulled down and the materials used for repairing the Huts that are to be retained.

5. Acting on the instructions contained in the Order of Government No. 1711, of the 17th July last, the District Engineer Presidency has commenced the work; up to the end of August about Rupees 2,500 had been expended, and Lieutenant-Colonel Hitchins hopes to lay out altogether 10,000 Rupees before the monsoon sets in.

6. The expenditure can, for the present, be defrayed from the General Funds of the Presidency District, which however must hereafter be supplemented from the Reserve Fund owing to the large amount of this and of other Estimates sanctioned since the 1st May last and not provided for in the Budget of the current official year.

Referred to the Military Department, with reference to the Orders in that Department, No. 2400, dated 8th July 1862.

CHEPAUK,
11th September 1862.

(Signed) W. I. BIRDWOOD, Colonel, R.E.,
Secretary to Government, P.W.D.

ORDER, No. 3242, *19th September* 1862.

Approved.

(True Extract.)

Deputy Secretary to Government.

To the Public Works Department, with five enclosures.
" Quarter Master General.
" Adjutant General.
" Brigade Major Fort Saint George.
" Controller of Military Finance.
" Barrack Master, for information.

Ed. A. A. DeMonte.

No. 1862 Despatch
Rec.d from Govt. for Information
No. 2875

From the Undersecretary
the Military Department

Dated 19th September/62
Received 24th "

No. 3242

Enclosure:
2 Sketches to the Asst. Chief Engr.
C.E.

Submitting for the information
of the Secretary the Sketches
received herewith & 4th Circular
of Inland Navigation &c
Paramatta

Military Dept. Order
No. 2335 - 29th September.

No. 2335.

Communicated to the Asst. Chief Engr. for
Central Circle for information and guidance.

13 Copies.

To The Asst. Chief Engr. Central Circle with 2 Encls. & 8 Copies
3. — " — Accountant General with Military Corr. & the Military Corr. Despr. 30th

X:87

Chepauk
29th September 1862.

No. 622. 5 Feb.