

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Rubrication* **DEPARTMENT.**

G.O. No.	589	Press
585-86		Mis.
Dated	28. 2.	1871.

Not to be folded or roughly handled

2,146

Cam / Tungsten

26th January 1871

Colonel A. J. Moulby R.C.

emigration

I regret that I am obliged

I regret that Lieutenant Smith's Poli-
= mals for means of experimenting on
the water supply has turned out wholly
inefficient. I enclose the Potometer
which we rather like, as the new P-
= mals are Superior Engines, and are

The Chief Engineer, for

been completed. I beg that early
sanction may be accorded to enable me
to adjust the accounts.

250

[illegible][illegible]

Sept 27 - 1890

25th Nov 25m

4-559-28-11/1

Public / New works Kristina bistrić _____

Kristina bist du!

Work, - Constructing Cistern sluice and Calingulate
for Irrigation experiment at Chey Hole _____
Prepared by Mr. Coghlan. Caling. Bureau.

Work, - Constructing Cistern sluice and Calingulate
for Irrigation experiment at Chey Hole _____
Prepared by Mr. Cogblaw. Caling. Bureau.

Constructing Cistern

Foundation - walls all round	1	44	2	3	264
Superstructure — do —	1	44	1	3	132
Flooring —	1	9	9	1	81
		Total			477
Reductions for notes —	1	5	1	1 1/2	7 1/2
Total Cubic feet of rough stone in Churna					469 1/2
do - Cubic fms — do —					17 7/8

<u>Plastering</u>	1	48	3	"	144
Walls all round	1	40	3	"	120
Inside - do	1	10	10	"	100
Flooring	1	44	1	"	44
Top of walls					
Total Square feet of Plastering					408
deduct for notch	1	12	1	"	12
Total Squares of Plastering					3.86
Open to Cistern	1	Area = 25 1/4	1		25 1/4
Total Cys of rough stone open					1
<u>Earthwork</u> - Walls all round	1	44	3	3	896
Total Cubic Yards of Earthwork					14 2/3

"Water Courses"		1	10	$1\frac{1}{4}$	$\frac{2}{3}$	$8\frac{1}{3}$
Middle	---	2	115	$1\frac{1}{4}$	$\frac{2}{3}$	$191\frac{1}{3}$
Sides	---					
Total Cubic ft. of rough stone in Chumam Zoo						
do	Yards	bo	bo	bo	bo	$7\frac{1}{2}$
do	---	1	220	$1\frac{1}{2}$	"	330
Plastering	bo					
Total Square of Plastering	---					$3\frac{1}{2}$

our love for

"Calingulali"

Foundations	1	6	1 1/2	1 1/2	13 1/2
Superstructure	1	6 1/4	1 1/2	3 1/2	27 3/4
Total Cft of rough stone in Chunnam					41 1/16
do - yards	do	do	do	do	1 25/48

"Strice"

Foundations of wing & abutment	2	10	2	2	80
Flooring	1	10	1	1	10
Superstructure	2	4	1 1/2	1	12
do - wings	4	3	1 1/2	1/2	9
Total Cft of Rough Stone in Chunnam					111
do - yards	do	do	do	do	4 9/16

Plastering

Flooring & abutments	1	4	3	"	12
between wings	2	2	3	"	12
Wings	4	1 1/2	1	"	6
Total Plastering in Squares					30

"Earthwork"

Round the gacris in yards	1	840	1	2/3	560
For cross bunds	2	210	1	1/2	210
Drainage channel bund	1	160	1	1/2	80
Damming irrigation channel bund	1	12	1	1	12
Closing breaches in - do -	4	6	1	1	20

Total Cubic Yards of Earthwork 882

Rough Stone same across Channel 1 3 1 1 3

Total Cubic Yards of rough stone 3

I am Sir
Campbell
Camp Chabola
22 October 1871
Respectfully
Yours
J. H. Campbell

Public/Reo Works

Kashmir District

Abstract Estimate No 10 of 1870/71

Work - Constructing Cistern, sluice & Calingulali
for Irrigation & experiment at Chy hole

Quantity	Particulars	Rate	Amount	Total
	"Cistern"			
	Cyds of rough stone in Chunnam per Cyd	3 8 "	60 10 8	
17 1/3	Sqds of rough stone in Chunnam per square	3 " "	12 " "	
4	Sqds of Plastering per square	1 " "	1 " "	
1	Cyd of rough stone workment - Cyd	" " 9 "	11 "	
14 2/3	do - Earthwork	do	74 5 8	
	Sundries at 5 Per Cent		3 10 4	
	Total			78 " "
	"Water Course"			
	Cyds of rough stone in Chunnam Cyd	2 8 "	18 5 4	
7 1/3	Sqds of rough stone in Chunnam per square	2 8 "	8 5 4	
3 1/3	Sq. of Plastering	Total	26 10 8	
	Sundries at 5 Per Cent		1 5 4	
	Total			28 " "
	"Calingulali"			
1 1/2	Cyds of rough stone in Chunnam Cyd	3 8 "	5 4 "	
	Sundries		" 12 "	
	Total			6 " "
	"Strice"			
4 1/9	Cyds Rough Stone in Chunnam Cyd	3 8 "	14 6 3	
1/3	Sq. of Plastering - per square	2 8 "	13 4	
	Sundries at 5 Per Cent		15 3 7	
	Total		" 12 5	
	"Earthwork"			
882	Cyds of Earthwork - per Cyd	" " 9 41 5 6	" 10 6	
	Sundries		Total	42 " "
	Wages at 5 Rs for 5 months			30 " "
	Grand Total Rupees			200 " "

I am Sir
Campbell
Camp Chabola
22 October 1871
Respectfully
Yours
J. H. Campbell
J. H. Campbell
Camp Chabola
22 October 1871
Respectfully
Yours
J. H. Campbell

Plastering - Hooping					
End & outside walls	1	10	10	"	60
Inside walls	1	26	2 1/2	"	90
Top - do - do	1	20	2 1/2	"	75
Total Squares of Plastering	1	56	1	"	53
deductions for notes	2	6	1	"	10
Total Squares of Plastering					2.98
Battlement					
End & c.					

	2	6	1	"	10
Hardwood					2.00
Total Square of Plastering					2.00
End & Side walls					
Flooring	1	3 1/2	7 1/2	7 1/2	2 1/2
For Plasterment	1	8 1/2	8 1/2	1	7 1/4
Total Cubic feet of Plasterwork	1	area = 25	1		25
— do — Cubic Yards		30			11 3/4
Rough Stone Plasterment					
Total Cfgs of rough stone Plasterment	1	area = 25	1		25
Constructing Caligulak					25 1/2
Foundation					

Superstructures	1	5	2	2	20		
Plastering	2	1 1/2	1	1 1/2	4 1/2		
Total Cubic Yards of Brick work in chimneys					21 1/2		
Walls	2	1 1/2	1	1	15		
Loft of - do	2	1 1/2	1	1	8		
Total Square ft. Plastering					15		
Rattemwork	1	6	2 1/2	2	20		
Total Cubic Yards of Rattemwork					1 1/9		
Water Courses							
Total							

Railroad work

For Hammer Jack of Brick work in Chumaw -	450	"	"	450
To surrounding and dividing lands &c. Cattle &c.	600			
Total value of Railroad work	_____			600

IInd in Baupetta Range office
Camp. Chhole 4 November 1890
J. H. Campbell
Lieut. Col.
British India

_____ Station District _____
 _____ Abstract Estimate No 11 of 1887/8 _____
 Work, _____
 Constructing a Shute, Cistern, Calvingulade &c. for
 Irrigation Experiment at Parley

Quantity	Particulars	Rate	Amount	Total
<u>"Constructing Sluice"</u>				
52 1/2	Cub. ft. of Bricks in Chumam Per Cft.	2	68 13	"
2 1/2	Squares of Plastering Per Square---	3	6	"
38	Cybs of Earthwork Per Cyd-----	9	1 12 6	
	<u>Total</u>		73 9 6	
	<u>Sundries Per Cent-----</u>	5	4 6 6	
	<u>Total Rupees</u>			78 " "
<u>"Constructing Cisterns"</u>				
33 1	Cft. of Bricks in Chumam Per Cft.---	2	41 6	"
2	Squares of Plastering Per Square---	3	9	"
11	Cybs of Earthwork Per Cyd-----	9	5 3	
1	<u>Total</u>		4	"
	<u>Sundries Per Cent-----</u>	5	2 1 9	
	<u>Total Rupees</u>			57 " "
<u>"Constructing Calmagulaki"</u>				
24 1/2	Cft. of Rough Stone in Chumam Per Cft.---	2	3 1	"
15	Squares of Plastering Per Square---	3	7 2	
1 9	Cybs of Earthwork Per Cyd-----	9	10	
1	<u>Total</u>		4 18	"
	<u>Sundries Per Cent-----</u>	5	4 7	
	<u>Total Rupees</u>			54 " "
<u>"Water Courses"</u>				
430	Rough ft. of Bricks in Chumam Per R. ft.	6	14 1	"
600	Cybs of Earthwork Per Cyd-----	9	26 2	"
1	<u>Total</u>		1	"
	<u>Sundries Per Cent-----</u>	5	2 9	
	<u>Total Rupees</u>			45 12 " "
1	Caravan for 4 men to the site	6	24	"
	<u>Total Rupees</u>			210 " "

The Baupettus Range Office
 Camp Childs 4th Dec 1883

Proceedings of the Madras Government
 under date the 28th Feb 1871
 No 589
 And the following

From the S. Eng. 2nd Div (S. E. No 1467 26 Jan/71

Under the circum-
 stances reported by the
 Sup^r Engineer S^r Du
 Rupes 210 in addition
 to the 200 Rupees granted
 in A. O. of the 15th June
 last No 1462 are sanc-
 tioned* for the water
 experiments in the
 Krishna District, near
 Chelavale and Perahy.

* from the Reserve under Agri-
 Cultural held at the disposal
 of Govt. No 4. & 2957 d/6 Dec/70

by 16/2/71

To
 The Sup^r Engineer
 Controller
 Chief Engr. for Agr.

Wb

Recd 2/3/71

Estimated for construction
 a sluice, culvert, & bridge
 - for the purpose of irrigation
 supervised by Mr. P. S. S. S.
 Commr. of the 2nd Div

The Supt^r Engineer
 2nd Div
 Mr. S. S. S. S.
 Mr. S. S. S. S.

1870
 1871

Re 15 June / 30 N 194-195
" 6 Dec? - - - 118-119

1222 Feb 4/71 R. 25-

C/12597

Govt. of 1871 Madras.

PUBLIC WORKS.

To The Superintending Engineers
2nd & 6th Divisions

W. W. W.

Date:

Recd.

No. 2 ✓

G. O. 28 Feb 1871 No. 589.

No. 585 & 586

Experiments. (Irrigation). Rs.

210 in addition to the 200 Rs.
granted in G. O. No. 462 of 1870
for the conducting experiments
to ascertain the quantity of
water required for rice
cultivation in the near
Chebrole & Perai in the
Kistna D., sanctioned.

1222 Feb 4/71 R. 25.