

(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.	1559	Press
B.P. No.		Mis.
Dated	3 - 6 -	195 -
		875

Not to be folded or roughly handled

No. 79. Read the following letter from Major H. SMALLEY, R.E., Officiating District Engineer, Ganjam, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Itchapoor, 26th January 1875, No. 71:—

I HAVE the honor to forward a supplemental estimate, amounting to Rupees 1,220, together with comparative statement of original estimate and actual expenditure under each sub-head for the Sub-Magistrate's Cutcherry at Sompetta in this district.

2. The work was begun in 1868-69, stopped in 1869-70, and re-commenced in 1873-74. The original estimate, amounting to Rupees 5,200, was prepared by Mr. Executive Engineer Harris, and was revised by him before re-commencing work. He also was Range Officer from the commencement of the work till its stoppage, expenditure Rupees 1,785-0-4, and from its re-commencement till May 1874 expenditure Rupees 2,458-5-8. From May till July 1874 Mr. Leggatt was Range Officer, expenditure Rupees 964-13-6, and from July till the present date expenditure Rupees 16-2-0. I myself have been in charge of the range in addition to my other duties. The Overseers employed on the work are Mr. Gamble, P. Moonesawmi Naidu, T. Mulligasapuram Pillai, and W. Soobbaroyadu Naidu.

3. The work is now completed, but accounts have not been finally settled. The hospital was stopped in November 1873 on receipt of G. O., No. 2,367, dated 25th September 1873, after its foundations were built. The chief excess has been in the following items:—

1. Wood work both as to quantity and rate.
2. Iron work in rate.
3. Pointing in rate owing to deviation.
4. Brick work in quantity.
5. Arch work in rate owing to deviation.
6. Deterioration of materials.

4. The excess in quantity of wood work has been occasioned chiefly by increasing the dimensions of the verandah posts from 6 inches $\times$ 6 inches to 10 inches $\times$ 10 inches under the apprehension that the former were insufficient taking into consideration the character of the timber procurable.

5. The increased rate of iron work is due to the great rise in price of the metal in the market.

6. The increase in quantity of brick work was occasioned by the necessity of removing much of the walls originally built to fit them for receiving the roofing and for rebuilding the arch work over doors and windows. They had been exposed to four monsoons without any protection whatever.

7. The deviations in substituting plastering in soorkee with joints picked out for simple plastering was not reported by Mr. Harris at the time as should have been done. The object was to give the walls so long exposed as before stated a durable outer facing of a better quality than ordinary plaster, as well as to add to the look of the building.

8. The deviations in substituting cement for lime in the arch work was not reported by Mr. Harris at the time. The object was to ensure thoroughly reliable work over the door and window frames so long exposed.

9. Lastly an insufficient allowance for deterioration of materials exposed so long, the greater part of which were stolen, lost, or destroyed before the work was re-commenced.

No. 80.

ORDER THEREON, 3rd June 1875, No. 1,559.

CIVIL WORKS, No. 8.

THIS work having been commenced in 1868-69, building operations were suspended in 1869-70, and not resumed till 1873-74. The greater portion of the excess of Rupees 1,220 is due directly or indirectly to the length of time over which the work extended. The unfinished building was damaged by the rains, the materials at site deteriorated, and the price of iron has risen since the original estimate was framed.

2. The estimate now presented by the District Engineer, amounting to Rs. 6,420, is sanctioned. The necessary funds for the completion of the Cutcherry were allotted last year.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,

Officiating Joint Secretary to Government.

To the Judicial Department.

„ Controller of Public Works Accounts.
„ District Engineer, Ganjam.

807

Govt. of 1875
PUBLIC WORKS.

To The Dist. Supt.

Recd.

Recd.

1 June 1875

75-80

Sub-Magistrate Cuttack
at Simpettah, Bazar
The revised estimate
Rs: 6,420, for the
sanctioned
with remarks.

P.W. 807/75

2

Ex 3 June 75 mts 1875

Comparative Statement of the Original & Revised Estimate of the Repair & Scaffolding at Sompatta - Bikanpore Range - Gangan Dist.

Description of Work.	Quantities		Rates		Amount.		Remarks.
	Original.	Revised.	Original.	Revised.	Original.	Revised.	
Bricks in Chumau. 3,225 3/4	2 12	2 12	2 12	2 12	2 12	2 12	The increase in quantity of brickwork was occasioned by the necessity of removing much of the walls originally built to fit them for receiving the roof and for rebuilding the Archwork over doors & windows.
Flat Arch work in Chumau } do 6 1/2	3 8	3 8	3 8	3 8	3 8	3 8	Substituting Cement for lime in the Archwork was not reported at the time. The object was to ensure thoroughly reliable work over door & window frames. The deviation in substituting plastering in some of the joints picked out for simple plastering was not reported at the time. The object was to give the walls as long exposed as durable. The facing of a better quality than ordinary plaster.
Painting in Chumau. 100	100	100	100	100	100	100	The excess in quantity has been occasioned chiefly by increasing the dimensions of the Venetian ports from 6" x 8" to 10" x 10". Under the impression that the former were insufficient taking into consideration the character of the timber procurable.
Iron pailed doors with hinges &c. 216	12	12	12	12	12	12	The increased rate of ironwork is due to the great rise in price of the metal in the market. Insufficient allowance was made for deterioration of materials & exposed to the greater part of which were stolen, broken or destroyed before the work was commenced.

Govt. Litto: Department
 Fort. St. George.
 Madras. April 1875.

Under Secy. to Govt. R.O.S.
 Major P.C.

C. J. J. J.

Comparative Statement to accompany the revised Estimate for instructing the Deputy Sasildar's Lutchery at Sompetta

at I or Berhampore Rans' Main District

to executed.

Difference

Remarks

Quantity	Particulars of work	Rate	Per	Amount	Total Quantity	Particulars of work	Rate	Per	Amount	Total Quantity	Difference	Remarks
Main Building												
255 ⁵ / ₂₇	Cycle of Rough Lons in Chumam	1	9	cyd	445 12 5	255 ⁵ / ₂₇	Cycle of Rough					
245 ¹ / ₂₄	of Brick in Chumam	2	12	cy	674 8 10	264 ⁶¹ / ₇₂	of Brick					
2 ² / ₃	Cy of Cut stone in Chumam for steps	7		cyd	18 10 8	2 ² / ₃	Cy of Cut stone					
7 ¹ / ₅	Sq of concrete jelly in Chumam			Sq	126	7 ¹ / ₅	Sq of					
	and asphalt over it	17		Sq	126		Chumam and					
31	Squares of Cut stone jelly	12	8	Sq	387 8	31	Squares of					
6 ¹ / ₂	Cy of Flat arch work in Chumam	3	8	cyd	22 12	6 ¹ / ₂	Cy of Flat					
1 ¹ / ₂₅	Sq of apr work of Police Hall	8		Sq	8 15 4	1 ¹ / ₂₅	Sq of apr					
107 ⁴² / ₁₀₀	Sq of Plastering in Chumam	1	6	Sq	147 11	66 ¹ / ₁₀	Sq of Pls					
16 ² / ₃	Cy of cornice work in Chumam			Cy		48 ⁴⁸ / ₂₅	Sq of Pointing					
	over the gable end of	5	12	cyd	12 8	16 ² / ₃	Cy of					
	Submagistrate's Lutchery						Chumam over					
156 ¹ / ₃	Cy of cornice work in Chumam all			Cy	78 2 8	156 ¹ / ₃	Cy of					
	the inner room	5	8	cyd	78 2 8		Chumam all					
657 ⁴ / ₂₈₈	Cy of Sandwood wrought and			Cy	492 4 8	657 ⁴ / ₂₈₈	Cy of Sand					
	put up	5	12	cyd	492 4 8		put up					
60 ⁷² / ₁₀₀	Sq of Pls with plaster render			Sq	604 15	60 ⁷² / ₁₀₀	Sq of Pls					
	flat and pan tiles Chumam	10		Sq	604 15		flat and					
	boards & complete						boards &					
396	Sq of half battened half			Sq	180	396	Sq of					
	ventilation doors	5	8	Sq	180		half ventilation					
							doors					
Building												
	Stone in Chumam	1	9	cyd	445 12 5		Stone in Chumam					
	in Chumam	2	14 ⁶¹ / ₇₂	cyd	770 2 6		in Chumam					
	in Chumam for steps	7		cyd	18 10 8		in Chumam for steps					
	concrete jelly in			Sq	144		concrete jelly in					
	asphalt over it	20		Sq	144		asphalt over it					
	Cut stone jelly	12	8	Sq	387 8		Cut stone jelly					
	Arch work in present	12	1	Sq	48 7		Arch work in present					
	work of Police Hall	16	3	Sq	18 2 11		work of Police Hall					
	terrace in Chumam	1	7	Sq	95 15 10		terrace in Chumam					
	in Chumam	3	1	Sq	151 7 10		in Chumam					
	cornice work in						cornice work in					
	the gable end of	5	12	cyd	12 8		the gable end of					
	Submagistrate's Lutchery						Submagistrate's Lutchery					
	cornice work in			cyd	78 2 8		cornice work in					
	the inner room						the inner room					
	wood wrought and			cyd	1018 8 10		wood wrought and					
	put up	1	2	cyd	1018 8 10		put up					
	with plaster render						with plaster render					
	pan tiles Chumam	10		Sq	604 15		pan tiles Chumam					
	boards & complete						boards & complete					
	Sq of half battened half			Sq	198		Sq of half battened half					
	ventilation doors			Sq	198		ventilation doors					

Comparative Statement to accompany the revised Estimate for constructing the Deputy Sasildar's Quarters at Sompetta

at or Berhampore Rang Ranjan District

original estimate

to executed

Difference

Remarks

Quantity	Particulars of work	Rate	Per	Amount	Quantity	Particulars of work	Rate	Per	Amount	Total	Excess	Decrease
----------	---------------------	------	-----	--------	----------	---------------------	------	-----	--------	-------	--------	----------

216	Sq ft of Iron painted door with fittings, bolt rings & complete	12	Sq ft	162	216	Sq ft of with fittings	12	Sq ft	2592	135		
78 3/4	Sq ft of Iron painted ventilators with frames & complete	10	Sq ft	783	78 3/4	Sq ft of Iron frames & complete	10	Sq ft	783			
2	Similar glazed ventilators on gable end of Submagistrate's Quarters	30	Each	60	2	Similar on gable end	30	Each	60			
	Excavating foundations			19		Excavating foundations			19			
	Contingencies and Superintendence	10	Cent	438		Contingencies			438			

3922-100

27 1/2	Cy of Rough Stone in Humam	1	9	42	27 1/2	Cy of Rough Stone in Humam	1	9	42			
4 1/2	Cy of Brick in Humam	2	12	13	4 1/2	Cy of Brick in Humam	2	12	13			
23 1/2	Cy of Excavating foundations	1		12	23 1/2	Cy of Excavating foundations	1		12			
	Contingencies and Superintendence	10	Cent	5		Contingencies			5			

63-100

10 1/4	Sq of mud wall	4	Sq	2	10 1/4	Sq of mud wall	4	Sq	2			
5	Sq of whitewashing in Humam	2	Sq	10	5	Sq of whitewashing in Humam	2	Sq	10			
7 1/2	Cy of Brick in Humam	2	10	18	7 1/2	Cy of Brick in Humam	2	10	18			
2 55/100	Sq of plastering in Humam one coat	1	7	3	2 55/100	Sq of plastering in Humam one coat	1	7	3			
2 127/100	Sq of flooring with Broken Stone in Humam	5	8	11	2 127/100	Sq of flooring with Broken Stone in Humam	5	8	11			

10 1/2

5	Sq of plastering in Humam	1	7	7	5	Sq of plastering in Humam	1	7	7			
2 127/100	Sq of flooring with Broken Stone in Humam	5	8	11	2 127/100	Sq of flooring with Broken Stone in Humam	5	8	11			

27 1/2	Cy of Rough Stone in Humam	1	9	42	27 1/2	Cy of Rough Stone in Humam	1	9	42			
4 1/2	Cy of Brick in Humam	2	12	13	4 1/2	Cy of Brick in Humam	2	12	13			
23 1/2	Cy of Excavating foundations	1		12	23 1/2	Cy of Excavating foundations	1		12			
	Contingencies and Superintendence	10	Cent	5		Contingencies & Superintendence	10	Cent	5			

63

Look Room

10 1/4	Sq of mud wall	4	Sq	2	10 1/4	Sq of mud wall	4	Sq	2			
5	Sq of whitewashing in Humam	2	Sq	10	5	Sq of whitewashing in Humam	2	Sq	10			
7 1/2	Cy of Brick in Humam	2	10	18	7 1/2	Cy of Brick in Humam	2	10	18			
2 55/100	Sq of plastering in Humam one coat	1	7	3	2 55/100	Sq of plastering in Humam one coat	1	7	3			
2 127/100	Sq of flooring with Broken Stone in Humam	5	8	11	2 127/100	Sq of flooring with Broken Stone in Humam	5	8	11			

Comparative Statement to accompany the revised Estimate for constructing the Deputy Sasildar's Lathery at Sompetta

original estimate

to executed

Difference

Remarks

Quantity	Particulars of work	Rate	Per	Amount	Total Quantity	Particulars of work	Rate	Per	Amount	Total Quantity	Difference
52 ¹⁹⁹ / ₅₇₆	ft of Sautwood wrought & put up	12	ft	39 4 1		52 ¹⁹⁹ / ₅₇₆	ft of Sautwood wrought & put up	12	ft	39 4 1	
4 ³ / ₈	Sqrs of Roofing with reaper nails &c	8	Sq	35		4 ³ / ₈	Sqrs of Roofing with reaper nails &c	8	Sq	35	
	complete						complete				
1	Pair Batt and doors with frames &c &c complete	15	Each	15		1	Pair Batt and doors with frames &c &c complete	15	Each	15	
1	Do window with wooden railings complete	8	Each	8		1	Do window with wooden railings complete	8	Each	8	
	Contingencies	10	cent	12 10 7			Contingencies	10	cent	12 12 4	
				147						138 10 7	19 7

Laterine

43	yo of mud wall	4	yo	10 12	
1 ¹⁷ / ₁₈	yo of Brick in Chumam	2 10	yo	5 1 8	
8	yo of Brick in clay	1 14	yo	15 8	
1 ⁶⁷ / ₄₀₀	Sqrs of flooring to be asphalted	15 8	Sq	18 1 6	
3	Sqrs Asphalt coated for trenches and troughs	12		36	
11 ⁴² / ₂₀₀	Sqrs of White washing in ft	2	Sq	1 7 5	
53 ¹⁶⁷ / ₁₉₂	ft of Sautwood wrought and put up	12	ft	40 6 5	
52 ¹⁰ / ₁₀	Sqrs of roofing with reaper nails &c complete	8	Sq	45 9 7	
	Contingencies	10	cent	16 8 9	

Laterine

43	Raw Brick in mud	14 8	yo	39 6 8	28 10 8
9 ¹⁷ / ₁₈	yo of Brick in Chumam	2 10 1	yo	28 3	22 14 7
					15 8
1 ⁶⁷ / ₄₀₀	Sqrs of flooring to be Asphalted	20	Sq	23 5 7	5 4 1
3	Sqrs for trenches and troughs	15	Sq	45	9
11 ⁴² / ₂₀₀	Sqrs of whitewashing	2	Sq	1 7 5	
53 ¹⁶⁷ / ₁₉₂	ft of Sautwood wrought	1 8 4	ft	82 2 1	41 9 8
5 ⁷ / ₁₀	Sqrs of roofing with reaper nails &c complete	8	Sq	45 9 7	
53 ⁴ / ₄	Sqrs plastering	1 8	Sq	8 10	8 10
3 ⁵ / ₅	Open work to Gable walls	6		3 9 7	3 9 7
	Contingencies	10		28 14 10	12 6 1

Comparative Statement to accompany the revised Estimate for constructing the Deputy Sasildar's Lathery at Sompetta at or Berhampore Rang Rangain District

original estimate					to be executed					Difference	Remarks
Quantity	Particulars of work	Rate	Per	Amount	Particulars of work	Rate	Per	Amount	Total	Decrease	
Well											
302 ¹⁷ / ₂₇	cys of excavating foundations	5	sq	94 91	302 ¹⁷ / ₂₇	Excavating foundations	5	sq	94 91		
76 ¹⁵ / ₂₇	of fullstone in Chumam	7	sq	536 14 10	76 ¹⁵ / ₂₇	Exp of cuttings in Chumam	7	sq	536 14 10		
23 ⁵ / ₈	left of Pampapa wood pieces wrought and put up	6	sq	8 13 9	23 ⁵ / ₈	Exp of fine wood wrought and put up	6	sq	8 13 9		
	Baling water			30					30		
	Contingencies	10	cent	71 10 4		Contingencies	10	cent	71 10 4		
				742					742		
Deterioration of materials											
60,000	Pan tiles	1	sq	1000 60	60,000	Pan tiles	1	sq	1000 60		
29,000	Flat tiles	1	sq	29	29,000	Flat tiles	1	sq	29		
108	Scaffolding	2	Each	13 8	108	Scaffolding	2	Each	13 8		
10	do Bamboos	5	do	3 2	10	do	5	do	3 2		
64	Para Chumam	6	Para	24	64	Para Chumam	6	Para	24		
12	Charcoal	1	sq	12	12	Charcoal	1	sq	12		
300	Broken Bricks	2	sq	1000 60	300	Broken Bricks	2	sq	1000 60		
				136-60					152 10		
				Grand Total 52.00					289 152 10		
									6420 1307 12 5 87 12 5		

Comparative Statement to accompany the revised Estimate for constructing the Deputy Sasildar's Quarters at Sompetta

original estimate

at 1st or Berhampore Rang Ganga District

to executed

Difference

Remarks

Quantity

Particulars of work

Rate

Per

Amount

Total Quantity

Particulars of work

Rate

Per

Amount

Total

Decrease

Abstract			
Main building	3922-10		
Hospital	60-00		
Cook Room	147		
Lathierie	189		
Well	742		
Deterioration of materials	136-60		
	5200		
Amount			

Main building	4882	1011	12	51	112
Hospital	63	-	-	-	-
Cook Room	151	25	7	21	7
Lathierie	293	119	8	15	8
Well	742	-	-	-	-
Deterioration of materials	289	152	10	-	-
Total	6420	1307	125	87	125
Deduct original estimate of Rs	5200				
no requirement to be sanctioned	1220				

Camp Sicha
25 January

Hunsley

Major R.E.

for Range officer

Berhampore

Hunsley Major R.E.
Off District Engineer Ganga

DISTRICT ENGINEER'S OFFICE, GANJAM,
No. 71. *Cable, Bhopal*
26 January 1875.

From
THE DISTRICT ENGINEER,
GANJAM.

To
The *Chief Engineer*
and Secretary to Government
Fort Saint George
Madras.
SIR,

Enclosures 2

- 1. *Direct*
Estimate
- 1. *Comparative*
Statement

I have the honor to forward a Supplemental Estimate amounting to Rupees 1220 together with Comparative statement of original Estimate and actual Expenditure under each sub head for the Magistrate's Catchment at Tondapetta in this District.

2. The work was begun in 1868-69, stopped in 1869-70 and recommenced in 1873-74. The original estimate amounting to Rupees

Not to be folded or roughly handled

Revised 5200 was prepared by
Mr. Benjamin Engineer Harris
and was revised by him before
re-commencing work. He also
was Range Officer from the
commencement of the work till
to storage expenditure Reper
-85-1-4 and from its recommen-
ment till May 1874 Expendi-
ture Rs 2458-5-8. From May
till July 1-4 Mr. Regatt was
Range Officer Expenditure Reper
554-13-6 and from July till the
present date Expenditure Rs 162-2-11

I myself have been in Charge
of the Range in addition to my
other duties. The overseers
employed on the work are
Mr. Gaiable, P. Moosavani
Vaidar, S. Mulligasuran
pillai, and Mr. Soobarayadai
Vaidar.

The work is now completed
but

but accounts have not been
finally settled. The Hospital was
started in November 1873 on receipt
of L. O. No. 2307 dated 25th September 1873
after its foundations were built.
The Chief Engineer has been in
the following items.

1. Wood work both as to quantity
and rate.
2. Iron work in rate
3. Painting in rate owing to deterioration
4. Brick work in quantity
5. Steel work in rate owing to deterioration
6. Deterioration of materials.

The excess in quantity of wood work
has been occasioned chiefly by in-
crease in the dimensions of the iron
-slab posts from 6" x 6" to 10" x 10" under
the impression that the former
were insufficient taking into consi-
deration the character of the
timber available.

The increased rate of iron work
is due to the great rise in price
of

of the metal, in the market.

The increase in quantity of
brickwork was occasioned by the
necessity of removing much of the
walls originally built to fit them
for receiving the roofing and for re-
building the arch work over doors
and windows. They had been
exposed to 4 months without
any protection whatever.

The deviation in substituting
plastering in. ~~Booke~~ with joints
picked out for simple plastering
was not reported by Mr. Harris
at the time as it should have
been done. The object was to give
the walls so long exposed as
before, stated, a durable outer
facing, of a better quality than
ordinary plaster, as well as to
add to the look of the building.

The deviation in substituting
cement for lime in the arch
work was not reported by Mr.
Harris.

Harriet at the time. The object
was to ensure thoroughly reliable
work over the door and window
frames so long exposed.

Lastly, an insufficient allowance was made for deterioration of materials exposed to long the greater part of which were stolen, lost, or destroyed before the work was re-commenced.

I have the honor
Sir
To Mr. M. C. St.
Hawley Major &
Off District Engineer
Cebu

DETAILED.

Revised. ESTIMATE No. of 1874-75.

District Ganjam

Taluq Bethampoor

Approximate Value

Last Repairs

Work Constructing a Deputy Shasileer's Cutcherry
at Sompetta.

Particulars.	No.	Measurement.			Cubical contents or square.	Cubic yards or square.
		Length.	Breadth.	Depth.		
<u>— Foundation —</u>						
Front and rear walls of Submagistrates Cutcherry	2	20	2½	3	300	
do — clerks record room & Police Hall	2	48½	2½	3	727½	
do — of wards — do — do	2	19	2½	3	285	
End walls of Sub Magistrates Cutcherry	2	24	2½	3	360	
Expos walls of record clerks and Police rooms	2	15	2½	3	225	
End walls of male & female wards	2	51½	2½	3	772½	
Expos walls of do — do — do	3	14	2½	3	315	
Retaining walls all round the building	1	345	2	3	2070	
Steps	4	6½	2½	1	65	
<u>— Basement —</u>						
Front and rear walls of Submagistrates Cutcherry	2	19½	2	2	156	
do — clerks and record room	2	49	2	2	392	
do — wards — do — do	2	18½	2	2	148	

Carried forward

20. 1874-75. 31/10/75
102. 692. 688. 24/10/75
102. 187. 219. 8/10/75

P. W. 1875 Repairs

From No. 807.

THE DISTRICT ENGINEER,

To A. L. Buel. S. GANJAM.

The Civil Engineer

Secretary to Govt

works

No. 71

Dated

26/1

Despatched

29 January 1875

Received

8/2/75

Enclosures. 2

By No. 1553. 2-6/75

to wards. complete.

Residual estimate and

comparative statement

original estimate

and expenditure under

each sub head for the

sub magistrates building

at Sompetta for Sompetta

10/11/10

Brought over					
End walls of Submagistrates	2	24 1/2	2	2	196
Butchery					
Expos walls record & clerk room	2	15 1/2	2	2	124
End walls of male & female wards	2	52	2	2	416
Expos walls of - Butts - Butts	2	14 1/2	2	2	116
Retaining wall all round the Building	1	345	1 1/2	2	1035
Total cubic yards of Rough Stone in chunam 7703 or 28					
Superstructure					
Front and rear walls of					
Sub Magistrates Butchery	2	19	1 1/2	12 3/4	726 3/4
Do clerks & record room	2	38 1/2	1 1/2	12 3/4	1472 5/8
Do - do - of ward	2	18	1 1/2	12 3/4	688 1/2
End walls of Sub Magistrates					
Butchery	2	25	1 1/2	12 3/4	956 1/4
Expos walls of clerks & record room	2	16	1 1/2	12 3/4	612
End walls of male & female wards	2	52 1/2	1 1/2	12 3/4	2088
Expos walls of - do - do	3	15	1 1/2	12 3/4	860 5/8
Grable wall of Sub Magistrates					
in front and rear	2	19	1 1/2	5	285
do - clerks & record room	3	16	1 1/2	2 3/4	198
do - of male & female wards	3	15	1 1/2	2 3/4	185 5/8
do - for male ward only	1	16	1 1/2	2 3/4	66
Removing & rebuilding front					
& rear walls of Police Hall	2	30	1 1/2	4	360
do - male & female wards	1	20	1 1/2	4	120
over door ways					
Piers between arches	2	2	2	6	48
Carries 12					8587 1/2

Brought over					
erection for doors, Ventila					8587 1/2
tors arches &c - &c					1436 5/8
					7150 7/8 or 264 6/7
Total Cubic Yards of Brick in chunam					
Stone Steps	4	6	2 1/2	72	264 6/7
Total Cys of Cut Stone work for steps					
leading to male wards	2	15	16	480	72 or 2 2/3
" female do	2	15	8	240	
Sigs of Concrete jelly in					
man & asphalted over it					720 or 7 5/8
leading to Sub Magistrates					
Butchery	1	16	25	400	
do - to Clerks room	1	12	16	192	
do - to record room	1	12	16	192	
do - Police Hall	1	22 1/2	16	360	
do - do Entrance	2	12	1 1/2	36	
do - Verandah all round	1	320	4	1920	
building					
Total Squares of Cut Stone flooring					
arches over door	17	6 1/2	1 1/2	13 1/4	3101 or 31
do - " Ventilation	7	6 1/2	1 1/2	3 1/4	124 5/8
do - " Ventilation	7	6 1/2	1 1/2	3 1/4	51 3/8
Total Cys of Arch work in Cement					
175 1/2					6 1/2
b. f. d.					

10/11/10

Brought over					
Open work for Police Hall front & rear	2	7	8	112	
Total Squares of open work				112	or $1\frac{3}{25}$
Front & rear walls inside of Sub Magistrates Catecherry	2	19	$12\frac{3}{4}$	484 $\frac{1}{2}$	
End of do do do	2	25	$12\frac{3}{4}$	637 $\frac{1}{2}$	
Gable walls front & rear	8	19	5	760	
Front & rear of Clerk's room	2	16	$12\frac{3}{4}$	408	
do do do	2	12	$12\frac{3}{4}$	306	
do do record room	2	16	$12\frac{3}{4}$	408	
do do do	2	12	$12\frac{3}{4}$	306	
do do Police Hall	2	22 $\frac{1}{2}$	$12\frac{3}{4}$	578 $\frac{3}{4}$	
do do do	2	16	$12\frac{3}{4}$	408	
Gable walls of do	3	16	$4\frac{3}{4}$	228	
Male wards inside	4	16	$12\frac{3}{4}$	816	
do do do	4	15	$12\frac{3}{4}$	765	
Female wards	4	15	$12\frac{3}{4}$	765	
Gable walls of male and female wards	6	15	$4\frac{3}{4}$	1032	
				7126 $\frac{1}{4}$	
Account for Doors see				516 $\frac{1}{4}$	
Total Squares of Plastering one coat				6610	or $66\frac{1}{10}$
Painting to outside walls of the Sub Magistrates Catecherry & all round the building	1	38 $\frac{1}{6}$	$12\frac{3}{4}$	487 $\frac{5}{8}$	or $48\frac{18}{25}$
Total Squares of Painting in chimneys				487 $\frac{5}{8}$	or $48\frac{18}{25}$

Brought over					
Cornice work	2	25	"	"	50
Total Sqrs of Cornice work in Chumam over the Gable end of Sub Magistrates Catecherry					50 or $16\frac{2}{3}$
Interior Cornice work of do	1	82	"	"	82
do Clerks & record rooms	2	56	"	"	112
do Police Hall	1	55	"	"	55
do Male wards	2	62	"	"	124
do Female do	2	48	"	"	96
Total Sqrs of Cornice work in Chumam to all the inner rooms					469 or $156\frac{1}{3}$
Wood Work					
Posts in Verandah	36	8 $\frac{1}{2}$	$\frac{10}{12}$	$\frac{10}{12}$	212 $\frac{1}{2}$
Struts	72	5 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	99
Tie Beams	5	19	$\frac{5}{12}$	$\frac{5}{12}$	26 $\frac{5}{8}$
King Posts	9	4 $\frac{3}{4}$	$\frac{5}{12}$	$\frac{5}{12}$	72 $\frac{5}{8}$
Queen do	18	4 $\frac{1}{2}$	$\frac{5}{12}$	$\frac{5}{12}$	141 $\frac{1}{6}$
Purlins	1	263	$\frac{1}{4}$	$\frac{1}{3}$	21 $\frac{11}{12}$
Hip rafters	6	24	$\frac{1}{2}$	$\frac{2}{3}$	48
Ridge pole	1	129	$\frac{1}{3}$	$\frac{1}{3}$	14 $\frac{1}{3}$
Principal rafters	10	11 $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	9 $\frac{7}{8}$
do do do	8	10 $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{3}$	6 $\frac{5}{8}$
Common do for Sub Magis. & Catecherry	50	11 $\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{24}$	29 $\frac{9}{8}$
do for clerks & record rooms & Police Hall	96	11 $\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{24}$	56 $\frac{1}{4}$
do for male & female wards	99	11 $\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{24}$	55 $\frac{5}{12}$
do for Verandah all round	295	9 $\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{24}$	145 $\frac{185}{192}$
Pressumers	1	350	$\frac{5}{12}$	$\frac{1}{2}$	72 $\frac{1}{12}$
Wall plates	1	239 $\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	19 $\frac{23}{24}$
Tie Beams	4	18	$\frac{5}{12}$	$\frac{2}{3}$	20
Total cubic feet of Salwood work wrought & put up					868 $\frac{1}{2}$ or $868\frac{1}{2}$

Roofing

Sub Magistrates' Cutcherry	1	25 1/2	21 1/2	548 1/4
Do	1	10 1/4	9	92 1/4
Do	1	8 1/2	21 1/2	182 1/4
Do - Verandah front & rear	2	34	9 1/4	629
Clerks record & Police hall	2	61	19 1/2	2379
Male & female wards	1	67 1/2	19 1/2	1316 1/4
Do	1	46 1/4	19 1/2	901 1/4

Total Squares of roofing with peepers, batts, flat & pan tiles & chunam boards &c complete } 6049 1/8 or 60 1/10

Sfft of Half battened & Venetian doors } 11 4 1/2 " 8 396 or 396

Iron rails doors with fixtures 6 4 1/2 " 8 216

Total Sfft of iron rails doors with fixtures bolts, hinges &c complete } 216 or 216

Iron rails Ventilators 7 4 1/2 " 2 1/2 78 3/4

Total Sfft of iron rails Ventilators with frames &c complete } 78 3/4 or 78 3/4

Semicircular glazed Ventilator on gable end of Sub Magistrates' Cutcherry 2

Excavating Foundations

Contingencies & Superintendence

Carried forward

Brought over	1	15 1/4	6 3/4	102 15/16
Flooring	1	14	7 1/2	105
Do	1			
Total Squares of flooring with broken Stone in chunam & plastered over it	2	14	2 3/4	207 15/16 or 2 127/100
Do at end	8	9	2	18
Do in front & rear	1	17 1/2	3	2 1/2
Bress windows	1	17 1/2	2 1/4	1 53/112
Ridge pole	1	17 1/2	1/4	1 24/11
Wall plates	12	12 1/2	1/4	7 13/16
Rafters in rear	12	13 1/2	1/4	8 7/16
Do in front	12	13 1/2	1/4	8 7/16

Total Sfft of Salwood brought & put up 52 199/576 or 52 57/6

Roofing in rear 1 17 1/2 12 210

Do in front 1 17 1/2 13 227 1/2

Total Squares of roofing with peepers &c complete } 437 1/2 or 4 3/8

ails Pan tiles &c boards &c complete

battened doors with frames &c complete

Contingencies

Carried forward

Brought over					
Hospital					
Foundation					
Rear wall	1	45	2 1/4	3	30 3/4
End walls	2	9 1/2	2 1/4	3	128 1/4
Retaining Wall	1	47	1 1/2	2	141
Cross walls	1	8	2 1/2	3	54
Above to					
Rear wall	1	44 1/2	1 1/2	3/4	50 1/6
End walls	2	9 1/2	1 1/2	3/4	21 3/8
Cross wall	1	8	1 1/2	3/4	9
Retaining Wall	1	47	1	3/4	35 1/4
Total Cys of Rough Stone in chunam				742 1/16	27 1/2
Rear wall	1	16	1 1/4	5	100
Cross - do	1	6	1 1/4	3 5/8	27 3/32
Total Cys of Bricks in chunam				127	4 19/27
Total Cys of Excavating Foundations				1	23 27/27
Contingencies					
Cook room					
Mud wall in rear	1	16 1/2	1 1/4	7	144 3/8
do do at end	2	7 1/2	1 1/4	7	131 1/4
Total cys of Raw bricks in mud				275 3/8	10 5/24
Rear walls	2	16 1/4	.	8	244
End walls	4	8	.	8	256
Total Cys of Plastering in chunam				500	or 5

60/2

Brought over					
Wooden posts in the Centre	3	14	2/3	2/3	18 2/3
do for sides	6	8	1/2	1/2	12
Bressumers	2	17 1/2	1/3	1/2	55 1/6
Ridge pole	1	17 1/2	1/24	1/8	153 1/92
Rafters	24	13	1/4	5/24	16 1/4
Total cft of Sal wood brought & put up				53 16/192	55 16/92
Roofing				1	19 30
Total Squares of Roofing with paper				570	or 570 1/2
nails, pan tiles & chunam base & etc				2	19 5
End walls out side	2	21 1/2	9	.	887
Front & rear do	2	21 1/2	9	.	887
Total				577	2
Plaster				575	or 575 3/4
Total Squares of Plastering				60	or 3/5
open work to Gable end				2	10 1/3
Total Squares of open work				60	or 3/5
Contingencies					

Carried over

4	Brought over								
	<u>Katrine</u>								
	End walls including foundations	2	20 1/2	1 3/4	10	717 1/2			
	middle do do	1	11	1 3/4	10	192 1/2			
	Back & front walls	1	21 1/2	1	7	150 1/2			
	Cross wall	1	10	1	10	100			
	Total Gps of Brick in mud					1160 1/2 or 43			
	Cable wall	1	12	1 1/4	3 1/2	52 1/2			
	men trenches	1	12 1/2	7	1 1/2	131 1/4			
	women do	1	8	7	1 1/2	84			
	Total Gps of Brick in Chumam					267 3/4	9 17/18		
	Flooring to men katrine	1	7 3/4	2		15 1/2			
	do women do	1	13	3/4		42 1/4			
	do do do	1	8	2		16			
	Earth Stone for male & female	2	10 3/4	2		43			
	Total Squares of flooring with broken					116 3/4 or 1 67/100			
	Brick & asphalted over it								
	Trenches & trough asphalted	1	13	8		104			
	do do for females	1	13	12 1/2		162 1/2			
	do do for ends	2	8 1/2	1 3/4		29 3/4			
	do do do					3 3/4			
	Total Squares of asphalt coated					300 or 3			
	outer faces of side walls	2	10 1/4		8 1/2	174 1/4			
	do do do	4	11		7 1/4	319			
	Cross walls in the Centre	2	11		8 1/2	187			
	Women side trench	2	10 1/2		8 1/2	173 1/4			
	do end do	2	8		8	128			
	men do do	2	12		8	192			
	Total Squares of white washing					1173 1/2 or 11 147/200			

5	Brought over								
	Excavation of well	1	17	36		817 1/2			
	Total Gps of Excavation					817 1/2 or 302 27/4			
	Well rings	1	21	1 3/4	36	141 1/2			
	Top parapet wall all round the well	1	24	1 1/4	3	90			
	Flat form all round the well with foundation	1	47	6	2	564			
	Total Gps of Cut Stone in Chumam					207 1/4 or 76 19/27			
	Canapa wooden ring	1	21	2 1/4	1/2	23 5/8			
	Total Cft of Canapa wood ring wrought & put up					23 5/8 or 23 5/8			
	Bailing water								
	Contingencies								
	Excavation of materials								

WORK

Constructing a Deputy Thaildars Kutting
of Sompitta.

ABSTRACT.

Quantity.	Description of charges.	Rate.	Amount.	Total.
	In ambulating			
85 $\frac{3}{27}$	cycs of Rough Stone in the	1 9	445 125	
64 $\frac{21}{72}$	cycs of Bruck in human	2 146	770 26	
2 $\frac{2}{3}$	cycs of Cutstone in human for	7	18 108	
7 $\frac{1}{5}$	Squares of concrete Jolly in	20	144	
	chunam and asphalt			
31	Squares of Cutstone in Jolly Pig	12 8	387 8	
6 $\frac{1}{2}$	cycs of Flat arch work in cement	12 11	78 7	
1 $\frac{3}{25}$	Squares of Iron work for Blue Pale	18 89	15 211	
55 $\frac{1}{10}$	Squares of plastering in human	1 73	95 1515	
48 $\frac{21}{55}$	Squares of pointing in human	3 19	151 710	
16 $\frac{2}{3}$	sq of cornice work in human		12 12 8	
	on gable end of submagistrate		5 78 28	
156 $\frac{1}{3}$	do do all the inner rooms		29 1018 810	
168 $\frac{1}{2}$	cycs Sandwood wrought & put up	1	29 604 15	
6 $\frac{79}{100}$	sq of roofing with copper rafters	10	8 198	
96	sq of Half Battlement wall		6 297	
16	sq of Iron pailed doors with fasten		10 49 35	
8 $\frac{3}{4}$	Iron pailed ventilation with frame		30 60	
	Semicircular glazed ventilators		19	
	excavating foundations		10 434 60	
	Contingencies & Superintendence			4,532

Public Works Dept

Proceeds the Madras Government
Under date the 1875
Read the following.

From
The District Engineer } (H.E. No. 71 of 20th Jan'y 1875)
Ganjam }

G.O. no. 1559 dated 3rd June/75
This work having

been commenced in 1868-69,
building operations were
suspended in 1869-70 and
not resumed till 1873-74.
The greater portion of the
excess of Rupees 1220 is
due directly or indirectly
to the length of time over
which the work extended.
The unfinished building
was damaged by the
rains

P.W. 808 W.D.

203 Rupees and 18
14-79

rains, the materials at
site deteriorated and
the price of iron has risen
since the original estimate
was framed.

The estimate now
presented by the District
Engineer amounting to
Rupees 9,420 is sanctioned.

The necessary funds
for the completion of the
Cutcherry were allotted
last year.

Adm.

Dispd -

6.78

Gen
st
Spec
lat
tu