

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works

DEPARTMENT.

(Civil Works)

G.O. No. 1282

Press
Mis

Dated 16-4-1877.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th April 1877. No. 1,282.*

Read the following letters :—

No. 344. From T. D. HARRIS, Esq., District Engineer, Ganjam, to the Acting Joint Secretary to Government, Public Works Department, Buildings and Roads Branch, dated Chetterpore, 19th March 1877, No. 114.

I HAVE the honor to submit herewith a revised estimate amounting to Rupees 2,144 and a plan with comparative statement showing the differences in rates and quantities in each between the revised and original estimates for constructing an additional building for a Registrar's Office to be attached to the Tahsildar's Cutcherry at Berhampore.

2. The amount of the original estimate to which sanction has been last accorded is Rupees 1,570, and the date and number of the Order of Government conveying such sanction is G.O. No. 103 of 8th April 1875.

3. The amount expended up to the end of previous year is Rupees 804-10-0.

4. The allotment of the current year is Rupees 760.

5. The expenditure of the current year, up to the end of February 1877, is Rupees 1,043-5-0; of this sum Rupees 181-1-10 spent by Lieutenant Lever, Rupees 46-11-10 by me, Rupees 308-15-3 by Mr. Cormac, Rupees 506-8-1 by Mr. Chancellor.

6. The reason for the excess of each item is fully stated in the remarks column of the comparative statement.

7. I beg to add that the delay in the submission of these papers is caused owing to the frequent references which have had to be made regarding the many discrepancies in the statements and estimate submitted by the Range Officers as the building changed hands so often.

8. As the work has been under execution for two years and the Registrar is hurrying for its completion and occupation, and it is a continuation of the Tahsildar's Cutcherry, I have ordered the Range Officer to complete the building in accordance with the revised estimate in anticipation of your approval and sanction of Government and allotment of funds, requesting the Examiner at the same time by telegram for allotment of funds for this work.

9. Under these circumstances, I request you will be so good as to have the plan and estimate sanctioned and funds allotted to the extent now solicited, as the building is almost completed in the most perfect manner according to the revised estimate now submitted, and will be immediately made over to the department concerned.

No. 344-A. From the same Officer, dated Chetterpore, 19th March 1877, No. 115.

I HAVE the honor to submit herewith a second revised estimate, amounting to Rupees 2,254, with comparative statement, showing the differences in rates and quantities in each item between the second and first revised estimates for adding a treasury room, cashier's room, and guard room to the Taluq Cutcherry at Berhampore. Please see the plan including these buildings and the Registrar's Office submitted with my No. 114 of this date.

2. The amount of the first revised estimate to which sanction has been last accorded is Rupees 1,654, and the number and date of the Order of Government

*Proceedings of the Madras Government, Public Works Department,
16th April 1877. No. 1,282.*

conveying such sanction is G.O., No. 1,639, of 28th June 1876, Public Works Department.

3. The amount expended up to the end of previous year is Rupees 731-2-0.
4. The allotment of the current year is Rupees 923.
5. The expenditure of the current year up to the end of February 1877 is Rupees 1,127-14-9. Of this sum Rupees 478-8-9 were spent by Mr. Cormac and Rupees 649-6-0 by Mr. Chancellor.
6. The reason for the excess of each item is fully stated in the remarks column of the comparative statement accompanying.
7. I beg to add that the delay in the submission of these papers is caused owing to the frequent references which have had to be made regarding the discrepancies in the statements and estimates submitted by the Range Officers as the building changed hands so often.
8. As this work has been under execution for three years, and the Revenue Department is hurrying for its completion and occupation, and a stoppage of work till the second revised estimate is sanctioned would prevent the transaction of public business, I have authorized the Range Officer to complete the building, in accordance with the second revised estimate, in anticipation of your approval and sanction of Government and allotment of funds, requesting the Examiner of Public Works Accounts at the same time by telegram for allotment of funds informing that the estimate would be submitted to you as soon as possible.
9. Under these circumstances I request you will be so good as to have the estimate sanctioned and funds allotted to the extent now solicited, as the building is almost completed in the most perfect manner in every detail according to the revised estimate now submitted, and will be immediately made over for use to the department concerned.

No. 345.

ORDER THEREON, 16th April 1877, No. 1,282.

CIVIL WORKS, No. 33.

WITH the letters above read the District Engineer, Ganjam, submits revised estimates for the undermentioned works:—

- | | |
|--|-------|
| 1. Constructing an additional building for a Registrar's Office at the Tahsildar's Cutcherry at Berhampore | RS. |
| 2. Adding a Treasury room, Cashier's room, and Guard room to the Taluq Cutcherry at Berhampore | 2,144 |
| | 2,254 |

A revised estimate, amounting to Rupees 1,654, for the second work was sanctioned in G.O., No. 1,639, of 28th June 1876.

2. The Government accept the District Engineer's explanations of the necessity for this second revised estimate, to which and to the first-named estimate they accord sanction.
3. For want of Provincial funds no additional appropriation could be made for these works in 1876-77; but the District Engineer will include any balance that

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may be required in 1877-78 in the annual Statement of Incomplete Works to be submitted by him.

4. This sanction has been registered and classified as shown below—

Fund.	Class.	Main head.	Head.	Work.	Amount.	Nos.
Provincial Services (Imperial).	Civil Buildings.	Original Works.	Land Revenue Buildings. (17)	Adding rooms for Treasury, Cashier and Guard in Berhampore Taluq Cutcherry.	RS. 2,254	W. of 1877-78. 217
Provincial Services.	Do.	Do.	Registration (33)	Adding a Registrar's Office to the Tahsildar's Cutcherry, Berhampore.	2,144	218

* Cancels register No. 78 W. of 1876-77.

+ Cancels the sanction communicated with G.O. No. 103 of 8th April 1875.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Ganjam.
" Examiner of Public Works Accounts.
" Judicial Department.

Exd. E. C. Shunker.
Spare Copies

Comparative Statement showing the difference in rates and quantities by the Subcontractor bidding at Portsmouth.

Original Estimate	Quantity	Rate	Amount
Excavation			
36 ft 6 inch trench work	18	3568	
128 ft 3/4 in. flagstone work	1 1/4	241 1/4	
31 1/2 in. brick work	2 1/2	224 58	
3 1/2 ft 2 1/2 in. square flagging	18	56 10 2	
12 3/4 in. stone cleaning and concrete fill	5	60 49	
199 1/2 in. roofing with flat granite	10	192	
17 1/2 in. 6 ft 6 inch wood rough plank	1	161 94	
57 1/2 in. 6 grade slate work	3	118	
14 in. 6 ft 6 inch concrete work	8	107	
100 in. 6 ft 6 inch stone concrete work	8	200	
128 in. 6 ft 6 inch concrete work	10	80	
105 in. 6 ft 6 inch concrete work	11	91 14	
202 3/4 in. 6 grade concrete work	1	12 10 1	
Contingencies	5	75 9 5	

Total Engineer's Office
- 190 March 1877 - 33

Revised Estimate

Quantity	Particulars	Rate	Amount
43 1/2 ft 6 grade concrete work		18	65 69
170 3/4 in. 6 ft 6 inch stone work		1 1/4	320
85 1/2 in. 6 ft 6 inch stone work		3 10	308 19
10 1/2 in. square flagging 2 cuts		28	100 49
40 1/2 in. 6 ft 6 inch stone work		4	10 5
12 3/4 in. 6 ft 6 inch stone cleaning and concrete fill		5	60 49
23 1/2 in. 6 ft 6 inch roofing with flat granite		10	231
38 1/2 in. 6 ft 6 inch wood rough plank		1	384 4
37 1/2 in. 6 ft 6 inch stone work		3 10	13 68
96 in. 6 ft 6 inch stone work		8	48
533 3/4 in. 6 ft 6 inch stone concrete work		8	266 10 8
128 in. 6 ft 6 inch concrete work		10	80
105 in. 6 ft 6 inch concrete work		11	91 14
12 in. square flagging to capital of pillar		18	18
dwelling & cleaning site		12	12
239 1/2 in. 6 grade concrete work		2	29 1/2
Contingencies		5	121 1/2

Amount already expended
Amount required for completion

190 March 1877

Original and Revised Estimate for Constructing

Differences. *See* Remarks.

6.0 Summa Quasum 012

2 9 156

78 451

9 84 81

9 43009

5 10 5

9 39

225 10 8

58 1 14 8

59

66 10 8

18

12

17 3 11

2144

1570

544

2575
633 - - 59 -

1 } quantities incorrectly taken from original estimate in plan.

2

3 quantities incorrectly taken out in original estimate and insufficient for work.

4

5 } only one coat allowed in original estimate, this has been increased.

6

7 quantities incorrectly taken out in original estimate.

8

do. do.

9

10

11 quantities incorrectly taken out in the original estimate.

12

13

14

Not provided for in the original estimate.

15

16

The original estimate only for excavation, but nothing allowed for filling in and on the benches and pits.

17

Signed, J. H. Maxwell, Esq.
Assistant Engineer

W. B. B. B.
Engineer
Glasgow.

In the statement shewing the differences in rates and quantities between

478-800 (4/10/105)

22.11.14 & 22.11.19 (wards 1877)
Buckingham & Co. Ltd.

Estimated No. 21 of 1876-1877
District Ganjam
Taluk, Burhampore
Approximate value Rupees Nil
Provincial Engineer's works Civil Buildings
Work. Revised estimate of additional building for
Registrar's office attached to the Tahsildar's Ch.
Cherry at Burhampore.

Particulars	Number	Measurements				Total quantity of each description of work
		Length Total	Length Total	Breadth	Depth	

Concrete under foundation

Longitudinal walls	2	39	78			
End and Cross walls	2	14½	29			
Retaining walls for veranda	2	48	96			
End retaining walls for do	1	32½	235½	5	1	1177½

Total concrete under foundation Cyp. 43½

Roughstone Foundation

Longitudinal walls	2	39	78			
End and Cross walls	2	16	32			
Retaining wall for veranda	2	48	96			
End retaining walls for do	1	34	240	3½	3	2520
Steps	1	12½	3	¾		28½

Longitudinal walls	2	39	78			
End and Cross walls	2	17½	35			

Retaining wall for veranda 2 48 95
 End retaining wall for do 1 35 244 2 4 1952
 Steps 1 12 3 2 72

Total longstone work cubic yards 406 1/8 170 3/4

Brickwork - Superstructure

Longitudinal walls 2 39 78
 End and Cross walls 2 18 36 11 1/2 13 2223
 Pillars for veranda 12 1/2 18 1/2 7 1/2 202 1/2
 Gable walls 2 21 42 1/2 4 252
 Top of the walls between rafters 1 53 1/2 1 79 1/2

Total 275 7

Deduct for doorway 4 4 16 1/2 8 192
 Deduct for windows 6 3 1/2 21 1/2 5 157 1/2
 Deduct for flat archwork over doorway 4 5 20
 Deduct over window 5 4 1/2 26 45 1/2 1 1/2 103 1/2

Total deductions 453

Total brickwork less deductions Cys 2304 85 3/4

Plastering

Longitudinal wall of the record room inside 2 18 36 12 3/4 459
 Cross wall of do 2 18 36 12 1/2 450
 Gable wall do 2 18 36 3 1/2 126

Longitudinal wall of the office room 2 18 36 12 3/4 459
 Cross wall do 2 18 36 12 3/4 459
 Gable wall 2 18 36 3 1/2 126

Longitudinal wall outside 2 38 77 1/2 12 1/2 968 1/2
 End wall do 1 21 12 1/2 262 1/2
 Basement 2 47 1/2 95 3 285
 Pillars 1 27 1/2 3 82 1/2
 Between pillars 12 6 72 1/2 540
 Between pillars 1 14 2 28

Deduct for doorway 4 4 16 8 128
 Do for windows 6 3 1/2 21 5 105
 Total Deductions 233

Total plastering 2 coats less Deductions 4012 40 12

Whitewashing

As per above measurement 4012

Total whitewashing 2 coats squares 4012

Flooring

Clerks room 1 17 1/2 17 1/2 315 1/2
 Record room 1 17 1/2 17 1/2 315 1/2
 Veranda for both sides 2 45 1/2 6 3/4 614 1/4

Total flooring with rectangular cut stone laying on 4" concrete } 12 46 1/2 12 5
 jelly & well rammed squares

Roof

Front and rear roof 2 37 1/2 75 1/2 24 1812
 Side roof 1 41 1/2 12 498

Total roof with flat & pantiles and Churnam borders &c Complete 23 10

Woodwork

Tie Beams 2 21 42 5 8 11 3/4
 King posts 2 7 14 5 5 2 3/4
 Struts 4 5 20 4 4 1/2 2 1/2

Principal rafters 4 11 1/2 45 4 1/2 6 8 7/8
 Ridge & purlins 1 107 107 5 7 26 1/4
 Cleats for trusses 4 1/2 6 4 1/2 5 1/2 16
 Seating pieces for ridge and purlins 6 1 6 5 2 5 1/2

Wall plates under tie beams 4 3 12 1 3 3
 Sole plates all round the building 1 96 6 4 16

Bressummers 1 135 4 5 32 1/2
 Planks for top of the pillars 12 1/2 18 1/2 4 1/2 6 3/4
 Corner rafters 2 14 28 6 98
 Hip rafters 2 229 58 8 59 1/2

Common and jack rafters—98 24 - 2352 3' 4' 196
 Eave board—1 - 139 6' 1' 5 19/24
 Plank over eave board—1 - 139 4' 2' 7 13/18
 Ropers—112 49 - 5488 2' 1/2' 38 1/9

Total Sawnwood wrought & put up cft—387 1/4

Flat archwork—

As per deduction in brick work cft—103 1/2

Total flat archwork—38

Cornice work—

Pillars for veranda—12 8 - 96

Total cornice work sq ft—96

Dressed stone basement & steps—

All round—533 1/3

Total Cubic feet—533 1/3

Painted doors—4 4 - 16 - 8 128

Total painted doors sq ft—128

Venetian windows—6 3 1/2 - 21 - 5 105

Total venetian windows sq ft—105

Capitals for Pillars—12 10 - 120 10 - 1200

Total plastering 1 coat to Capitals of pillars sq ft—12

Earthwork—

Longitudinal walls—2 39 78

End and cross walls—2 12 1/2 25

Retaining walls for veranda—2 48 96

End retaining walls—1 - 30 1/2 22 1/2 7 4 6426

Steps—1 - 13 4 3/4 39

Total excavating & filling basement cft—6465 239

Leveling & clearing site—

Contingencies & supervision—

[Signature]

[Signature]

Abstract of the foregoing estimate—

Quantity	Description of charges	Rate	Per	Amount	Total
43 16/27	C. Gards. Concrete work	1 8	Cyd.	65 6 2	
170 2/3	Res. Rough stone work	1 14	do	320	
85 11/54	Res. Brickwork in chunam	3 10	do	308 13 9	
40.12	Squares Plastering 1 coat in chunam	2 8	Sq ft	100 4 9	
40.12	Res. Whitewashing do. do.	4	do	10 5	
12 3/5	Res. Flooring with Concrete jelly 6" thick and plastered over	5	do	60 4 9	
23.10	Res. Roofing with flat sporn tiles or complete	10	do	231	
387 1/4	C. ft. Sawnwood wrought & put up	1	cft.	387 4	
3 5/6	C. Gards. Flat archwork	3 8	Cyd.	13 6 8	
96	Rq. ft. Cornice work	8	Rq. ft.	48	
533 1/3	C. ft. Dressed stone base, ment & steps	8	cft.	266 10 8	
	Carried over			1811 3 2	

Quality

Description of charges

Rate
Per
Amount
Total

	Brought forward.			1811	3	2
128.	Sq. ft. Panelled doors	10	Sq. ft.	80		
105	No. Venetian windows	14	do.	91	14	
12.	Square Plastering to Capital of pillars	18	Sq. ft.	18		
	Leveling & cleaning site			12		
239.	C. yds. Earthwork	2	C. yds.	29	14	
	Contingencies	5	cont.	101	10	

Total of Estimate 244.
Amount already sanctioned 1570.

Amount requiring sanction. Rupees 574.

I do hereby certify that the accompanying Estimate provides for every thing necessary and that no supplemental Estimate will hereafter be required.

Signed A. J. Chaudhry C.E.
District Engineer

[Signature]

Chatterpore
19th March 1877

[Signature]
District Engineer
Gujarat

Specification Report

The work consists of adding two rooms to the Tahildar's Cutcherry for the accommodation of the District Registrar. Each room is to be 18' x 18' and 12' high.

Foundations & basement are to be stone in chunam mortar face dressed.

Superstructure to be of brick in chunam with flat arch work over doors & windows. Walls to be plastered 2 coats both inside and outside and whitewashed.

Flooring to be of plaster laid over 6" thick concrete jilly well rammed.

Roof to be of flat & pambles supported on a Ring post beams. Timber for roof to be Salwood and for doors & windows Yeggis.

There are to be three doors & two windows to the Registrar's office and four windows to the Record room, with a door leading from one room to the other.

Signed A. J. Chaudhry C.E.
District Engineer

[Signature]
District Engineer
Gujarat

Chatterpore
19th March
1877

Enclosure No. 1 in a No. 114
Dated 19th March 1877
B374

Buildings
District Engineer's Office,
Chatterpore 19th March 1877

From The District Engineer,
Gangam

To The Acting Chief Engineer,
Buildings & Roads,
Madras.

Enclosures 3

- 1 Revised Estimate
- 1 Plan
- 1 Comparative Statement

Sir, I have the honor to submit herewith
a Revised Estimate amounting to Rs. 2144
and a plan with Comparative Statement
showing the differences in rates and quantities
in each between the revised and
Original Estimates for constructing an
Additional Building for a Registrar's
Office to be attached to the Thasil dar's
Cutchery at Bishampore -

2. The amount of the Original Estimate
to which sanction has been last accorded
is Rupees 1570 and the date and number
of

of the order of Government conveying such sanction is G.O. No. 103 of 8 April 1875.

3. The Amount Expended up to the end of previous year is Rs 804-10-00.

4. The allotment of the current year is Rs 700-00-00.

5. The Expenditure of the current year up to the end of February 1877 is Rs 1043-5-00 of this sum Rs 181-1-10 spent by Lt. Col. Deneer Rs 46-11-10 by me Rs 308-15-3 by Mr. Cormac Rs 506-8-1 by Mr. Chancellor.

6. The reason for the Excess of each item is fully stated in the remarks Column of the Comparative Statement.

7. I beg to add that the delay in the submission of these papers is caused owing to the frequent references which have had to be made regarding the many discrepancies

by the Range Officers as the building hands so after...

8. As the work has been under execution for two years and the Registrar is here for its completion and occupation is a continuation of the Sahildar. I have ordered the Range Officer to the building in accordance with the Estimate in anticipation of your approval and sanction of Government and all of funds requesting the Examiner same time by telegram for allotment for this work.

9. Under these circumstances you will be so good as to have the and Estimate sanctioned and of allotted to the extent now solicited as the building is almost complete in the most perfect manner according to the revised Estimate now submitted.

and will be immediately made over
to the Department concerned.

Yours truly

Yours

Yours truly

L. Harris
District Engineer

the Original and Revised Estimates for Additions and Alterations

Differences -
 Steu

Amount	Quantity	Description	Unit	Price	Total	Remarks
18 2 2	1	The rate allowed insufficient to the following reasons. The building is situated within the municipal limits including the building, only one cost furnished a long way and the original estimate, the cost allowed in the original estimate and not allowed				
11 2 4	1	The rate allowed insufficient to the following reasons. The building is situated within the municipal limits including the building, only one cost furnished a long way and the original estimate, the cost allowed in the original estimate and not allowed				
18 3 2	3	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
2 8 3	5	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
3 11 3	5	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
12 8	7	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
3 2	9	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
10	10	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
11	11	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
12	12	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
13	13	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
14	14	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
15	15	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
16	16	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
17	17	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
18	18	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
19	19	Quantity increased. Taken up in original estimate and not allowed in original estimate.				
20	20	Quantity increased. Taken up in original estimate and not allowed in original estimate.				

2981
606121 6121
2254
1654
600.

Handwritten:
Lund
District Carrier
Virginia

656121 6121
Edward
District Engineer
of Georgia

Signed &c. / A. J. Chancellor & Co.
 Assistant Engineer

to the ^{University} of ^{the} ^{South} ^{West} ^{of} ^{England} ^{at} ^{Bristol}

Original Estimate			Revised Estimate			Difference
Quantity	Particulars	Rate	Quantity	Particulars	Rate	
12 91	6. Grade concrete work	18	12 91	6. Grade concrete work	18	
3 25	bits of flat masonry	34	3 27	bits of flat masonry	38	
28.8	Square flooring with wall plates oak, 1" x 4" x 12" nail, flat sprinkles chumaw lumber Complete	576	28.8	Square flooring with wall plates oak, 1" x 4" x 12" nail, flat sprinkles chumaw lumber Complete	24	11532
17 32	Auto whitewashing	2	50 25	Square whitewashing 2 coats	4	698
1/8	6. Grade but stone work	12	1 27	6. Grade but stone work	16	1933
54	12 ft. cornice work	8	80	12 ft. cornice work	8	13
89 12	6. Grade rough stone work	2	88 2	6. Grade rough stone work	2	
113 27	do. Quick work	3	117 27	do. Quick work	3 10	7957
47 38	Square plastering	18	50 25	Square plastering 2 coats	28	5436
1	Shank wood King post frame angle shank up	30	1	Shank wood King post frame angle shank up	30	
2	Open door with wooden frame hinge re: Complete	40	2	Open door with wooden frame hinge re: Complete	40	
1	Large door door re: Complete	120	1	Large door door re: Complete	120	
2	Patton door with frame re: Complete	16	2	Patton door with frame re: Complete	16	
	Removing part of old roof	10		Removing part of old roof	10	
3.52	Square plastering floor	18	19 21	Square plastering floor	16	252
10.94	Auto flooring with concrete jelly and chumaw wood plastering over	5				
68 20	6. Grade but stone work	1	68 27	6. Grade but stone work	2	895

Fullerhouse —
19. March 1775

6
 8372
 12.115 dated 19. March 1117
 12.115 dated 19. March 1117

Shewin

Particulars	No	Length	Breadth	Depth	Contents in feet	Contents in yards
<u>Roofing</u>						
Roof	2	60	120	2 1/2	2880	
Total Roofing with wall plates, purlins, rafters, respect, nails, slab of materials etc. complete						288
<u>Whitewashing</u>						
to put measurements in Plastering					5005 1/2	500 5/8
Total whitewashing & coats in chimneys						
<u>Cart Stone</u>						
Cart stone for top of pillars	10	2	20	2	1	40
Total Cart stone work						1 1/4
<u>Cornice work</u>						
Cornice to pillars	10	8	80		80	80
Total Cornice work						80
<u>Rough stone work</u>						
<u>Formulation & Lament</u>						
Longitudinal walls	2	47 1/2	95			
Retaining walls in front	1		36 1/2			
Little in rear	1		35 1/2			
End retaining wall	2	7	14			
Partition wall	3	17 1/8	53 1/2	23 1/2	2	3
Portion of retaining wall in front						1405
Veranda	1		11	2	3	66
Total C. yards Rough stone work						234 1/2
<u>Brick work</u>						
Longitudinal walls	2	47 1/2	94 1/2		13	2415 1/2
Partition wall	3	18 1/2	55	14 1/2	1 1/2	94 1/2
Blocked up doorway between Shensitadai & Chashien room	1	6 1/2	6 1/2	1 1/2	9	385
Gable walls	4	18 1/2	73 1/2	1 1/2	3 1/2	157 1/2
Pillars for veranda	10	1 1/2	15	1 1/2	7	45
Chashien rafters at top of walls	2	30	60	1 1/2	1	358 1/2
Total						

Particulars	No	Length	Breadth	Depth	Contents in feet	Contents in yards
<u>Deductions</u>						
Doorways in Chashien room	2	4	8	1 1/2	7	84
Little in treasury room	1		10	1 1/2	7 1/2	112 1/2
Window in do.	4	2 1/4	11	1 1/2	3 1/2	55
Door in guard room	2	4	8	1 1/2	7	84
Flat arch work as per foregoing measurements						86
Total Deductions						421 1/2
Total Brickwork in Chashien C. yards						3165 5/8
Less deductions						117 5/8
<u>Plastering</u>						
Longitudinal walls inside of Chashien room	2	11 1/2	23		12 1/2	287 1/2
Cross wall of do. inside	2	18 1/2	36 1/2		12 1/2	456 1/2
Gable wall do.	2	18 1/2	36 1/2		3 1/2	127 3/4
Longitudinal wall of treasury room inside	2	22 1/4	44 1/2		12 1/2	556 1/2
Cross wall of do.	2	18 1/2	36 1/2		12 1/2	456 1/2
Gable of do.	2	18 1/2	36 1/2		3 1/2	127 3/4
Longitudinal wall inside of guard room	2	9 1/2	18 1/2		12 1/2	231 1/2
Cross wall of do.	2	18 1/2	36 1/2		12 1/2	456 1/2
Gable of do.	2	18 1/2	36 1/2		3 1/2	127 3/4
Cross wall of Shensitadai room	1	18	18		12 1/2	225
Gable wall of do. inside	1	18	18		3 1/2	63
Gable wall of do.	1	18	18			
Portion of Longitudinal wall of Shensitadai room inside	2	12	24		4	96
Longitudinal wall of Treasury	2	49	98		13	127 1/4
Chashien & guard room outside	12	4 1/2	54		6 1/2	337 1/2
Shensitadai						

Particulars

Particulars	Length	Breadth	Area	Cost
Top of pillars	11 4	4 4	1/2	2 1/2
Basement	1 38 1/2	38 1/2	3	1 1/2
Ditto	1 37	37	3	1 1/2
Between pillars over retaining walls	10 7	7 0	2	1 1/2
Basement of veranda for Cashier's room	1 11	11	3	3 1/2
Total				52 1/4

Deductions

Large doorway	1 9 1/2	9 1/2	8 1/2	10 1/2
Small do	4 4	16	8	12 1/2
Windows in Treasury room	4 2 1/2	10	3	5 1/2
Total deductions				28 1/2

Total plastering, 2 coats in chunam. 51 1/4
Less deductions, Agnemo. 1

Saul wood King post truss, mung kb 2 ft. x 1 ft.				1
Iron door with wooden frame for Cashier's room				1
Ditto do for Treasury room				1
Buttressed door with frame hinges &c. complete				1
Removing part of the old roof				1

Chamber's room	17 1/2	11 1/2	199 1/2
Treasury room	21 1/2	17 1/2	386 1/2
Guard do	17 1/2	8	14 1/2
Bar veranda	18 6 1/2		32 1/4
Front do	25	7	17 1/2
Ditto do	32 1/2	6 1/4	221 1/2
Shenotadar's room	19 1/2	18 1/2	355 1/4
Between doors	4 5 1/2	22	1
Steps	2	8	16

Total Flooring with metungulau cut stone 192 1/2
Laid over the concrete gilly well
Rammed Agnemo. 1

Work done

Longitudinal walls	2 49	98
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Particulars

No	Length	Breadth	Depth	Contents in feet	Contents in cu yds
Retaining walls in front	1	37			1 1/4
Ditto in rear	1	36			
End retaining walls	2	5	10		
Retaining walls	3	15	45	226 1/4	2
Steps	1	8	6	1	48

Total earthwork excavating foundations 1856
filling in basement C. yard. 68 20/27

Plastering capitals of pillars	10	10	100	8	800
Pillars					8

Total Plastering to capitals of pillars
Leveling & clearing site
Contingencies

Signed A. J. Chancellor Esq.
Assistant Engineer

Chancellor
District Engineer
Gangjam

Challapone
19th March
1877

8372

Abstract of the foregoing Estimate

Quantity	Description of Charges	Rate	Per	Amount	Artid
12 9/108	6. gds. concrete work	18	Cy.	18 2 2	
3 5/27	ditto Flat arch work	38	do.	11 2 1/2	
28.8	Squares Roofing with wall plates, rafters, rafter-ends, flat and pan tiles chunam borders &c. Complete.	24	Sq.	691 3 2	
50 7/25	ditto Whitewashing 2 coats	4	do.	12 8 3	
1 13/24	6. gds. cutstone work	16	Cy.	23 11 3	
80	Ry. Jack loose work	8	Ry. Jk.	40	
88 1/2	6. gds. Rough stone work	2	Cy.	177	
114 7/24	ditto Paving work	3 10	do.	424 12 8	
50 2/25	Squares Plastering 2 coats	2 8	Sq.	125 3 2	
1	Scrub wood Ring post Brass mount	30	each	30	
2	Iron doors with wooden frames &c. Complete.	40	do.	80	
1	Large do do	120	do.	120	
2	Plaster doors with frames &c. Complete.	16	do.	32	
	Removing parts of old roof			10	
19.21	Squares Cutstone floor	16	Sq.	307 5 9	
58 2/27	6. gds. Earthwork	2	Cy.	89 5	
				2111 10 2	

Jasid Nur

4. Q 15 April 77 S.D. No. 344

Shewin

Quantity	Description of Charges	Rate	Per	Amount	Total
	Brought forward				
8.	Square Plastering Capitals of pillars	18	Sqre	12	
	Leveling & clearing site			20	
	Contingencies	5	Cent	110	5 10
	Total Estimate			225 1/2	
	Amount already sanctioned			165 1/2	
	Amount requiring sanction			60	

I do hereby certify that the accompanying Estimate provides for every thing necessary and that no supplemental Estimate will hereafter be required.

Signed/ N. J. Chancellor, C.E.
Assistant Engineer

[Signature]
District Engineer
Gaujam

Chatterjee
19th March
1877

Specification Report

Concrete work is allowed under the foundation throughout 3 ft broad and 6 inches deep. Foundation abasement will be constructed with rough stone in Chumam and the superstructure with well burnt bricks in Chumam.

Plastering is allowed both outside & inside of the rooms, and whitewashed two coats in Chumam.

Flooring to be of cut stone laid over 4" thick concrete gilly, well rammed.

Roof with scrub wood King post truss, rafters, sleepers, wall plates, purlins, braced, ends flat span tiles Chumam borders &c. Complete.

Iron doors will be provided for Cashier's room, one for Treasury room, and 4 door barred windows for Treasury room and 2 Pattern doors for guard room.

Signed/ N. J. Chancellor, C.E.
Assistant Engineer

[Signature]
District Engineer
Gaujam

Chatterjee
19th March
1877

Enclosure No. 1 in a No. 115
Dated 19th March 1877

3372

1

3374

Benjamin

4015: April 77 No. 344

No. 115 - Buildings - District Engineer's Office
Ganjam
Chatterpore
19th March 1877

The District Engineer
Ganjam

To,
Enclosures 2

1. Revised Estimate
1. Comparative
Statement

2

The Acting Chief Engineer
Buildings and Roads Branch

Sir

I have the honor to submit
herewith a 2nd revised estimate amount-
ing to Rs 2254 with comparative
statement shewing the differences in rates
and quantities in each item between the
2nd and 1st revised estimates for adding
a treasury room, cashier's room and guard
room to the Taluk Cutcherry at Berham-
pore. Please see the plan including
these Buildings and the Registrars
office submitted with my No. 114 of
this date.

2nd The amount of the 1st revised
estimate

estimate to which sanction has been
last accorded is Rs 1654 and the number
and date of the order of Government
conveying such sanction is G. O. No 1639
of 22nd June 1876 P. W. D.

3. The amount expended up to
the end of previous year is Rs 731-2-0

4. The allotment of the current
year is Rs —

5. The expenditure of the current
year up to the end of February, 1877
is Rs 1127-14-9. Of this sum Rs 478-8-9
were spent by Mr Cormac and Rs 649-6-0
by Mr Chancellor.

6. The reason for the excess of
each item is fully stated in the remarks
column of the comparative statement
accompanying.

7. I beg to add that the
delay in the submission of these
papers is caused owing to the frequent
references which have had to be made
regarding the discrepancies in the
statements and Estimates submitted
by the Range officers as the building changed
hands so often.

8. As this work had
been

been under execution for three years and
the Revenue Department is hurrying
for its completion and occupation and a
stoppage of work till the 2nd Revised Estimate
is sanctioned would prevent the transaction
of public business. I have authorized
the Range officer to complete the building
in accordance with the 2nd revised estimate
in anticipation of your approval & sanction
of Government and allotment of funds
requesting the Examiner P. W. Accounts
at the same time by telegram for allot-
ment of funds informing that the
Estimate would be submitted to you
sooner as possible.

9. Under these circumstances I
request you will be so good as to have
the Estimate sanctioned and funds allotted
to the extent now solicited as the building
is almost completed in the most perfect
manner in every detail according to the
revised estimate now submitted and will
be immediately made over for use to the
Department concerned.

I have the honor to be
your most obedient servant

W. H. D. Hand
District Engineer

At Shrin
G.O. No 1139-28-6-76
" 887-16-3-77

Roads and Buildings
P.W. 3372 Sept
From "

The District Engineer
Gaujam

No 115
Dtd 19th March 1877

No of Enclosures 2.

Tahsildars Cutcherry
Berhampore

Forwards 25 revised estimate
(for additions) of Rs 2254 for
early sanction.

Co. 1/16 April 77) S.B. No 311.

Cir 6-4-77)

G.O. No 184, dtd - 25-11-74-
" 103-6 8--4-75

Roads and Buildings
3374

From
The District Engineer
Gaujam

No 114
Dated 19th March 1877

No of Enclosures 3.
+ Plan with
Librarian

Registrars office,
Berhampore

Forwards revised estimate

G.O. 15 April 77) S.B. No 311/A of Rs 2144 for early sanction

Cir 6-4-77)

Fund	Class	Division	Head	Work	Estimated No.	Remarks
Provincial Services (Imperial)	Civil Buildings	General Works	(17) General Works	Adding rooms for Treasury, Cashier's room, and guard room to the Salung Cutcherry at Berhampore	Rs. 2254	17* Enclosed to Govt. 1878 17. of 1876-77.
Provincial Services	Civil Buildings	General Works	(33) Registration	Adding a Registrar's Office to the Tahildars Cutcherry at Berhampore	Rs. 2144	18* Enclosed to Govt. 1878 18. of 1876-77.

Public Works Department.

No 1212

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 16 April 77
Read the following:—

From
The Dist. Eng^r Ganjam (No. E. No. 114 of 19th March 1877)
do — do — (in 115 of 19th —)

With the letters
above read, the District
Engineer Ganjam submits
revised estimates for the
undermentioned works.

1. Constructing an additional building for a Registrar's Office at the Tahildars Cutcherry at Berhampore — Rs. 2144
2. Adding a Treasury room, Cashier's room, and guard room to the Salung Cutcherry at Berhampore — 2254

A revised estimate amounting
to Rs 1654 for the 2nd work
was

was sanctioned in Government
Order N^o. 1639 of 25th June
1876.

2. The Govt. accept the
District Engineer's explanation
of the necessity for this second
revised estimate, to which
and to the first named
estimate, they accord sanction.

3. For want of Provin-
cial funds, no additional
appropriation could have
been made for these works
in 1876-77, but the District
Engineer will include any
balance that may be re-
quired in 1877-78 in the
Annual Statement of
Incomplete Works to be

submitted

submitted by him.

Wt
F.H. 77

This sanction has been
registered & classified
as shown below -

A. I. S. Rajam ✓
R. P. W. A. ✓
J. L. Dept. ✓

Order 3.5-77

H. L. S.

CV 3571
1877

Est. of 1877 India
PUBLIC WORKS.

To Mr. D. C. Gangaiah

Dated

Recd.

Encl.

G. O. 1877, No. 1282

Nos. 344 - 345

Indiars Cutchery at
Rajahmundry, Kanjam.
The desired estimates aggregating Rs. 4,398 for certain additions and improvements to the —, sanctioned.

But no Ref.