

- (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.	3034	Press
B.P. No.		Mis.
Dated	28-10-195	1875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23th October 1875.*

No. 436. Read the following letter from Major H. SMALLEY, R.E., Officiating District Engineer, Ganjam, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Berhampore, 30th September 1875, No. 27 :—

I HAVE the honor to submit a supplemental estimate, amounting to Rupees 585, for completing the store shed at Calingapatam, and I request funds may be provided accordingly.

2. The amount of the general estimate to which sanction has been last accorded is Rupees 3,770, and the number and date of the order conveying such sanction is 852 of 16th May 1874.

3. The amount expended up to the end of the previous year is Rupees 3,143-6-2.

4. The allotment of the current year is Rupees 627.

5. The expenditure of the current year up to the end of 31st August 1875 is Rupees 928-10-8.

6. The work has been completed with the exception of—

(1.) Plastering, which is absolutely necessary to prevent the action of the sea air on the brick-work.

(2.) Screen walls, which the Port Conservator concurs with me in thinking necessary to prevent the driving in of rain on to the goods lying in the shed, and

(3.) Flooring.

7. The reasons for the excess over the original estimate are chiefly blundering on the part of Overseer Mr. Taylor in sinking the foundation wells, by which a loss of Rupees 269 resulted. The Executive Engineer's special report on this subject is appended. In his defence all Mr. Taylor has to say is that he was under a misapprehension as to the Executive Engineer's orders, and that the plan was deviated from by verbal orders of the Executive Engineer, who however distinctly denies that any deviation was ordered, and that there were no grounds whatever for misapprehension as to his orders. It will be for Government to decide whether Mr. Taylor is to be held pecuniarily responsible for the whole or part of this sum, or whether he is to be let off on account of his youth and inexperience.

8. The other reasons for excess are higher rates for timber than allowed originally, owing to the supply from Kimedi having been cut off, and to the screen walls before mentioned having been omitted in the original estimate.

No. 437. ORDER THEREON, 28th October 1875, No. 3,034.

CIVIL WORKS, No. 29.

THE revised estimate is sanctioned. Mr. Overseer Taylor will be fined one month's salary, and warned that inatten-

tion to orders will be more seriously noticed in future.

2. The District Engineer, Ganjam, will inform Mr. Leggatt that for the future he should give his subordinates written instructions for their guidance.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Ganjam.
" Controller of Public Works Accounts.
Exd. S. T. Austin.
Spere Copies

*Proceedings of the Madras Government, Public Works Department,
28th October 1875.*

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Major-General, R.E.,
Secretary to Government.

To the District Engineer, Ganjam.
" Controller of Public Works Accounts.
Exd. S. T. Austin.
Spere Copies

Comparative Statement for the Construction of a Store Shed at Calicut Palace

Description of work	Original Estimate			Revised Estimate			Remarks	
	Rate	Quantity	Amount Total	Rate	Quantity	Amount Total		
Walls of 3 ft inside diameter per perch	11 8 ²⁰ / ₂₈	322	322	13	28	364	Rate in original estimate insufficient	
Concrete work in Chunnaw — per Cft	1 13 ³⁷ / ₇	5	46	1 13 ⁶¹⁰ / ₂₇	11	89	Calculations in original estimate wrong	
Rough stone in Chunnaw — per Cft	1 14 ¹⁸⁶³⁵ / ₅₂	349	155	2	184 ¹³ / ₅	368	Rate in original estimate too low	
Brick in Chunnaw — per Cft	2 7 ²⁸⁸ / ₂₇	68	156	2 12 ⁵⁸⁶⁴ / ₈₁	161	109	Including screen walls between pillars 5 feet high as ordered by District Engineer not provided in original estimate	
Cut stone work — per Cft	17 11 ²³⁴³ / ₂₀₀	410	96	17 11 ²³⁴³ / ₂₀₀	410	96		
Plastering — per Cft	1 8 ¹⁸ / ₁₈	27	u	1 8 ³⁶⁶⁷ / ₆₀₀	54	28		
Whitewashing — per Cft	2 3 ¹⁸ / ₁₈	3	6	2 3 ³⁶⁶⁷ / ₆₀₀	6	124		
Cornice work — per Cft	...	...	...	2	132	22	12	not allowed in original estimate
Damewood work — per Cft	1 8 ⁴³⁷⁴ / ₂₆	730	87	2	440 ² / ₃	881	54	Original estimate of 2400 qds. insufficient. Timber had to be got from foreign country as the price was not allowed to be got from the Government. 10 Bridge plates were placed with wooden nails & remaining 10 at stake
Iron Sheet — per Cft	40 ⁸ / ₂₅	1612	129	...	1463	41	...	not allowed in original estimate
Setting etc —	...	...	...	...	89	102	...	
Iron nails — per pound	4 ^u / ₈	32	u	4	8	32	u	
Excavating foundations filling approaches	...	25	...	...	25	...	...	
Contingencies at 5 per cent	...	...	181 13 9	...	...	194 9 5	4086	12 124
Loss to Government on account of Mr. Taylor's mistake	...	...	...	...	269	269	269	Vide special letter No 389 dated 21/6 March 1875
Deduct original estimate	...	3770	...	...	4355	7343	149 88	
Sanctioned in G.O. No. 185 dated 16 May 1875	...	3770	...	...	...	...	...	
Additional estimate required for	...	...	...	...	...	...	...	

No 2 Range Office

28 August 1875

Major R. L. ...
District Engineer

Executive Engineer

Detailed
 Estimate No. 53 of 1875-76
 District - Guyana
 Salug Chicabok

Reused Estimate for constructing a flow shed near the
 break at Lalingapataw

Estimated by
 J. J. J. J. J.
 J. J. J. J. J.

Particulars	No	Measurement			Cubid Content Cuyun	Cuyun Cuyun
		R.	B.	D.		
Walls inside 3 ft diameter 100 ft						
Walls inside and back and fill 18						
Walls in with gully						
Walls under foundation of steps	2	21	2	1 1/2	126	
Canal D. 10	4	11 1/2	2	0 2	46	
Total counterwork in channel					172	6 10 1/2
Foundation to front and rear						
Walls and retaining walls	2	121	3	2 1/2	334 1/2	
Fill to end of pillars retaining walls	2	15	4	2 1/2	433	
D. 10 to front and rear						
Basins and retaining walls	2	120	6	2 1/2	964	
Fill to end D. 10	2	18	6	2 1/2	132	
D. 10 to steps D. 10	2	4	2	1	16	
D. 10 D. 10 D. 10	4	11	6	2 1/2	92 1/2	
Total rough stone in channel					477 1/2	184 1/2
Pillars above	4	2	6	1 6 8	120	
D. 10	6	2	1	6 8	144	
D. 10	18	1	6	1 6 8	324	
Steps	2	2 1/2	2 1/2	1	88	
Walls between pillars	4	11	2	1 1/2	92 1/2	
D. 10 D. 10	2	8	1	5	80	
D. 10 D. 10	2	8	1	5	80	

Delayed
Colonial Room of 1875-76
District Gaysand
Salug Lincob.

Revised Clinical for
break at
Constructing a Flow shed near the
Calungapiotaw

Total quantity of 10 ft. in (Chimney)				1587 1/2
Flooring with cutstone work 1/2 ft	1	120	20	2400
Deduct for pillar spaces				73
Remaining Square of cutstone work				2326 1/2
Square of plastering				
D. of whitewashing				
Running feet of cornice				
Woodwork				
Brauns	11	20	4-8-10	122 1/2
Bressumers	1	280	4-5-5	43 1/2
Purlins large	2	102	3-4-4	22 1/2
D. small	2	10	8-4-4	2 1/2
King posts	11	4	4-7-8	8 1/2
D. D.	4	4 1/2	3-4-4	12 1/2
Clusw. D.	22	3	3-4-5	5 1/2
Ridge pole	1	102	3-4-4	10 1/2
Struts	32	2 1/2	3-4-5	5 1/2
D.	4	4 1/2	3-4-5	1 1/2
Rafters large	20	16	2-3-3	196 1/2
D. small	72	8	2-3-3	36
Thip rafters	4	21	3-4-4	9 1/2
Eave boards	1	304	4-5-5	8 1/2
Plate along under struts	1	296	3-4-5	12 1/2
Corner pieces	4	17	1-2-7 1/2	19 1/2

Andonik Khanchikyan
of Constantinople
has been found

[illegible]

Chicago
No. 2 RANGE OFFICE

28 August 1875

No

FROM

THE OFFICER IN CHARGE

No. 2 RANGE Chicago

GANJAM

TO

THE DISTRICT ENGINEER

GANJAM

I am submitting the accompanying Revised Estimate for the construction of the merchants' shed at Caligapatana and have the honor to inform you that the rates allowed in the original estimate were found to be extremely low for account of the way place like Caligapatana where labor had to be imported and material obtained from long distances.

A comparative statement accompanies this from which you

You will find in the remarks
Column explanation for the
increase required.

There is no correct data even
been carefully made for different
descriptions of work hitherto carried
out in the Range (but which
I am now preparing) and as a
rule every estimate for any im-
portant work appears to have
needed a revised or supplemental
estimate.

In my letter No 389 dated 31st
March last I have reported the
gross blunder made by Mr Overman
Taylor on the commencement of
the work, as much of it as possible
had to be taken up and the
shed has been constructed on a
new site; Care was taken that
as much of the old material
as possible was used and I
regret to say that on account
of the overman's inexperience,
I had no other man to put
on it in fact had no overman in
the

the Range) Government have
sustained a loss of Rs 269

Mr Taylor has been under
stoppages of Rs 30 per month
(vide my letter No 389 dated 31st
March/75) for the last five
months and a sum of Rupees 150
remain deposited in the Treasury

Yours
Geo R Leggat Esq
Executive Engineer

/ True copy /

Quarterly Major Esq
Off District Engineer
Jaipur

No. 22 RANGE OFFICE

3/24 March 1873

No

FROM

THE OFFICER IN CHARGE

RANGE. *Chesapeake*

GANJAM

To

THE DISTRICT ENGINEER

GANJAM.

223.

I have the honor to
bring to your notice that in
the Construction of the men-
chauts shed at Caluigapan
-tan Mr. Jaluk overran Taylor
has omitted to rock the walls
for the foundations, as per
Plan and Estimate

2. On the 20th February on my
visiting the work Mr. Taylor
was directed to excavate 8 feet
for the foundations, and to sink
the wells 6 feet below that but
instead of doing this I found
on

四〇

THE OFFICE IN CHARGE

1722

CASEY

10

THE FIDELITY

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2

Dieth

Despatch

TELETYPE

Rich

157

on my inspection of the work
on the 27th he had merely sunk
the wells to a depth of 6 feet
from the surface of the ground
and had constructed the founda-
tions on them at the surface
of the ground! I have been obliged
to have the whole of the work
taken up and the cost of recon-
struction will amount to about
Rs 300.

3. Mr Taylor has proved himself
thoroughly incompetent for his
post and I cannot trust him to
carry out the simplest work
and moreover he will not
carry out instructions given him.

4. I have told Mr Taylor
that all excess expenditure
will be recovered from him
and in anticipation of your
approval of the same I propose
stopping Rs 30 per mensem from
his salary commencing from
1st March.

5. I have now put Subaltern

P. P. Ramaswami in Charge of the
Construction of the Merchants
Shed as he is the only sub-
ordinate in whom I can put
any reliance and one who
will take care that the excess
in expenditure will be curtailed
to the smallest extent.

I have signed
Per / C. R. Leggett C.E.
Executive Engineer
Trichy

Qually Major R.
Off District Engineer
Tanjore

District Engineer's Office.

No. 27.

GANJAM. *Caup*
Deputy
30 September 1875.

FROM

THE DISTRICT ENGINEER

TO

THE

Secretary to the
Government. P. M. D.
Fort St. George.

SIR,

Enclosure. *5*

I have the honor to
submit a Supplemental
Estimate amounting to Rs. 585
for completing the Store
at Calicutapattanam, and
I request funds may be pro-
vided accordingly.

2. The amount of the general
Estimate to which sanction has
been last accorded is Rs. 770
and the number and date of
the order conveying such sanction
is 852 of 16 May 1874.

Recd. in Mr. ...
From the ...
THE OFFICE IN CHARGE

No. Range.

GANJAM.

To

THE DISTRICT ENGINEER,

GANJAM.

No.

Dated

Despatched

Received

Encls:

1875.

1/16 6/5/95

CC 25 Calicut 75

and 1/16 4/26

3. The amount expended up to the end of the previous year is Rupees 3,148-6-2

4. The allotment of the current year is Rupees 627

5. The expenditure of the current year up to the end of 31 August 1875 is Rupees 928-10-8

6. The work has been completed with the exception of:

1. Plastering which is absolutely necessary to prevent the action of the sea air on the arch work

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3. Flooring

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It will be for Government to decide whether Mr Taylor is to be held pecuniarily responsible for the whole or part of this sum or whether he is to be let off on account of his youth and inexperience.

8. The other reasons for excess are higher rates for timbers than allowed originally owing to the supply from Kivadi having been cut off and to the screen walls before mentioned having been omitted in the original estimate.

I am Sir,
Yours faithfully,
H. Mallett Major R.E.
Off. District Engineer Bangalore

Notes of Remarks On Estimate for completing the Stone Shed. Calingapatam

The following items
in the District Estimate
differ in rates from the
District Schedule of
the current year -

Concrete - In excess
of District Schedule -

Rough Stone in Churnam
in excess of District Schedule -

Brick in Churnam -
In excess of District Schedule -

Cut Stone work. In
excess of District Schedule -

White washing. In excess
of District Schedule -

Hammer work. Less
than District Schedule
Rate -

CHP
2/12/15

File 8816: being 148.952.
503-8816/148.952
.. 29.11.15 .. 555-56.

To W. 1895 Repn.
From No. 6549
The District Engineer
GANJAM.

The Secretary to
Government
No. 27 George
Dated 30.11.15
Dispatched 3.12.15
Received 15.12.15
Enclosure 5

Admitted a duplicate
estimate for Rs 585
for completing the
stone shed at
Calingapatam

40 No 3034 28.10.15

File 23-10-15

File 436

Comparative Statement shewing difference of Rates between
the Estimate submitted by the District Engineer and
the District Schedule for the Construction of a
Store shed at Bahugapatana - Chicacole Taluq -
in the Ganjam District. —

Description of Work.	Rates as per Estimate submitted by the District Engineer.	Rates as per District Schedule.	Difference.	Remarks.
Wells of 3 ft. inside diam. — Each 13 —	13 —	11 —	2 —	
Concrete Work in Chumam — 1 1/2 —	1 1/2 —	1 1/2 —	0 —	
Rough stone in Chumam — do 2 —	2 —	1 1/2 —	3 —	
Brick in Chumam — do 2 1/2 —	2 1/2 —	2 1/2 —	0 —	
Cut stone Work — 17 1/2 —	17 1/2 —	17 1/2 —	0 —	
Plastering — do 18 —	18 —	18 —	0 —	
White Washing — do 3 —	3 —	3 —	0 —	
Cornice Work — 1/2 ft. 2 —	2 —	2 —	0 —	
Daubed Wood Work — 3 ft. 2 —	2 —	2 —	0 —	
Iron nails — 1/2 4 —	4 —	4 —	0 —	

Govt. Ltho. Department
Govt. Secy. Genl.
Madras 20th October 1875.

[Signature]

Comparative Statement of Excess and Savings between the Original and Revised Estimates for Constructing a Store Shed at Calingapitau in the Jangam District. Submitted by the District Engineer—prepared in a Tabulated form—

Excess.				Savings.			
Alterations or additions ordered by Government.	Rs.	As.	Pais.	Alterations or additions ordered by Government.	Rs.	As.	Pais.
	42	5	103				
	18	113	92				
	150	129	27				
	12	12	3				
			22				
			89				
			269				
Total.	224	48	510	Total.	149	88	149
Net Increase Rs. 585.-							

Govt. Engineer, Department
 J. H. George.
 Made on 20th October 1875

[Signature]

No. II.—PARTICULARS FROM
ESTIMATES.

Main Budget Head to which chargeable

Provincial

Title and purpose of the work as given by
District Engineer.

*Completing the store ches at
Lealung of atam.*

Original sanction for the preparation of the
detailed estimate.

(Date and number in both sanctioning and Public Works
Department.)

Amount of original detailed estimate.

Rs 3770.

Number and date of sanction and endorse-
ment in Public Works Department.

G.O. No. 832 of 16 May 1914 Z.D.

Amount of revised estimate ... *Rs 4355*

Do. of original do. ... *3770*

Excess over do. do. ... *585*

Budget Head to which the work is charge-
able, in detail.

*Public Buildings
Sec. P.W.D. Engrs.*

Amount of current year's allotment ... *627*

Do. expended in previous years *3143*

Total ... *3770*

Balance to be provided ... *585*

Funds can be made available during the
current year.

(Yes or no, and state how in former case.)

No.

Brought forward as urgent.

(Yes or no, and if so state by who.)

Not stated

DOCUMENTS IN FILE.

From District Engineer—*Ganjam*

1 Covering letter No. 27, dated 30 Sept. 1875

1 Letter from Range Officer, No. —, dated 28 Aug.
1 do do do 31-3-76

Suppl.

1 ~~Detailed~~ Estimate.

Detailed

1 Abstract do.

1 Comparative Statement

1 Plan.

1 Specification Report.

From Office—

Original sanction, No. —, date —
for detailed estimate preparation.

Orders and Proceedings.	No.	Date.	Under P. W. D. G. O.	
			No.	Date.
P. W. Department	...			
Public do.	...			
Revenue do.	...			
Financial do.	...	552 10-5-74		
		198 20-1-76		
		140 24-5-74		
		160 24-8-74		
		174 27-9-74		

No 3034

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 28 Oct 75.

Read the following

From
The District Engineer } (H.S. No 27 d/30 Sept 1875)
Ganjam

The revised estimate is sanctioned. Mr. Ormer Taylor will be fined ^{and} the amount ~~of the~~ already stopped from his salary but in consideration of his youth and inexperience he will be excused from paying the balance of ~~Rs. 100~~ ^{Rs. 100}

2. The District Engineer Ganjam will inform Mr. Leggall that for the future he should give his

Subordinates

Subordinates written in-
structions for their
guidance.

Ann

[Faint, mostly illegible handwritten notes, possibly a list or series of instructions.]

12436/37

A. P. Langdon 7
C. R. Pharo 5 written

Price 17 AB ELL

Dec 11 - 75

Subordinates written in-
structions for their
Guidance.

lms

6549
Cobl. of 1875
PUBLIC WORKS.

To J. E. Gargaw
29/11/75

P. 11

P. 12

P. 13

P. 14

28/11/75 No. 3034

100. 436-437

Presented at Calcutta
Supplemental Estimate of Rs
500 for completing the Sanction
with remarks.

436/37

6-11-75

23-10-75

Proceedings of the Madras Government, Public Works Department,
28th October 1875.

Read the following:—

No. 1,217.

Note by the Chief Engineer for Irrigation.

No. 440.

The report of the Executive Engineer in charge, Kistna District, on the floating plant belonging to the Delta and on its requirements shows that, as was the case elsewhere, this plant has been greatly neglected and needs to be put into proper repair as soon as possible. The provision in the Budget under Navigation repairs is altogether only Rupees 5,100, and the report shows that Rupees 20,700 are needed for the current year, leaving Rupees 15,600 unprovided for. It must be noticed that as attention was specially called to the subject in G. O., No. 236, of the 3rd February 1874, sanction should have been obtained to the estimates, for at any rate a considerable portion of this plant, in time to admit of adequate provision being made in the current year's Budget. As it is, the only money which can be made available is the following:—

Letter No. 73, para. 4.		RS.	
		Original.	Present.
	Surrender under Capital, Ordinary, being the provision for a boiler ...	...	4,700
	Part of the sum of Rupees 7,020 at the disposal of Government under Capital, Ordinary ...	...	2,700
	Part of the sum of Rupees 4,800 at the disposal of Government under Repairs ...	...	3,030
	Total ...	10,430	

And the most should be made of this amount, for there does not appear to be any probability of any funds under Repairs being surrendered from other districts. Local officers must not expect, if they fail to make their wants known at the proper time, that large sums of money will be found for these during the year.

2. The special repairs required are as follow:—

	Value of Plant.	
	Original.	Present.
	RS.	RS.
5 Dredges ...	25,000	1,13,022
25 Iron Punts, Nos. 1 to 4 and 6 to 26 ...	12,435	59,235
Total ...	2,435	49,728

N.B.—There are 32 iron punts altogether.

The balance not provided for this year should be included in the Budget of 1876-77.

3. The ordinary maintenance of the plant is estimated to cost as follows:—

	Rs.
1 Steamer Pioneer ...	600
5 Dredges ...	1,550
32 Iron Punts ...	3,260
11 Wooden Punts and Boats ...	340
6 Range Boats ...	300
Total ...	6,050

It must be noticed that it is very doubtful whether the Dredges can be maintained for the sum stated, as the wear and tear on the machinery must be very considerable, and that wooden boats cannot, it is thought, be kept serviceable for so small an amount.

4. Detailed estimates have been prepared for all the plant, and with regard to these the only remark required is that some of the rates seem to be unnecessarily high, and that information as to the cost of similar work at Dowlaishweram should be obtained.

5. Much of the deterioration of the floating plant is probably due to the workshops at Bezwadah having been closed for several years, and it is manifestly quite impracticable to keep plant in order without efficient shops, in which timely repairs can be executed, being available.

OBTACAMUND,
5th October 1875.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.