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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	193	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	23. 1.	195	
		1875	

Not to be folded or roughly handled

No. 401. and 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 Berhampore, 16th December 1874, No. 66:—

I HAVE the honor to forward a supplemental estimate, amounting to Rs. 970, with comparative statement of estimated and actual expenditure under each sub-head for additions and alterations to the

1 Estimate.
1 Comparative Statement.

Sub-Magistrate's Cutcherry at Poorooshotapore 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 2,870, inclusive of the hospital, was prepared by Mr. Executive Engineer Harris; and before work was recommenced in 1873, the original estimate was revised by the same officer, and (exclusive of the hospital) reduced by him to Rupees 2,400. Mr. Harris also was Range Officer from the commencement of the work till its stoppage, and from its recommencement till he left the district in May 1874. Mr. Executive Engineer Leggatt was Range Officer from 1st May till the 31st July 1874, and since then I myself have been in charge of the range in addition to my other duties. Supervisor Mr. Ellis was in charge of the work from its recommencement till its stoppage, Overseer Bramhanandam Naidoo (since allowed to resign) from its recommencement till 28th February 1874, and Acting Sub-Overseer Ghunsingh from the 1st March 1874 to the present date, but he has now been ordered to give over charge to Overseer W. Subbaroyadu Naidoo.

3. The expenditure from the commencement of the work till its stoppage was Rupees 497-14-6, and for this Mr. Harris as Range Officer and under him Mr. Ellis are responsible from recommencement till 30th April 1874; Rupees 1,850-2-9, and for this Mr. Harris as Range Officer and under him Overseer Bramhanandam and Sub-Overseer Ghunsingh are responsible from 1st May 1874 till 31st July 1874; Rupees 466-2-10, and for this Mr. Leggatt as Range Officer and under him Sub-Overseer Ghunsingh are responsible from 1st August 1874 till the present date; Rupees 114-6-4, I myself and under me Sub-Overseer Ghunsingh are responsible.

4. The work has been now completed, with the exception of the latrine and asphaltting to floors of subsidiary jail and police station. I have ordered the latrine to be completed, but the asphaltting to be postponed till this letter has been considered.

5. It will be seen from the comparative statement accompanying that the chief excess has been on the compound wall Rupees 551, next on the subsidiary jail Rs. 105, and next on the female wards Rupees 76. As regards quantities, it will be seen that the compound wall is nearly double in the item "rough stone in chunam to foundations." As regards rates, brick in chunam throughout has been charged at Rupees 3 per cubic yard against Rupees 2-10-0 as per estimate, wood work at 14 Annas per cubic foot against 12 Annas, iron work 1 Rupee and Rupees 1-4-0 against Annas 10 and 12, and excavating well Annas 3-7 against Annas 2 per cubic yard; also, that the following deviations have been made:—Concrete under foundations, substituting a cement for chunam in the flat arch work over the doors and windows, adding a coping to the compound wall. Lastly, that deterioration of materials has been taken at Rupees 306 instead of Rupees 73.

Proceedings of the Madras Government, Public Works Department,
23rd January 1875

6. The excess in quantity in the foundations of the compound wall was found absolutely necessary to bring up its base to the level of the ground, one side of the compound abutting on a tank.

7. The excess in rates of brick work has been occasioned by inexperience on the part of the masons, by the bricks having been made departmentally, and of a better class than those ordinarily supplied also by him having to be brought a considerable distance in road work the rate originally provided does not seem sufficient to cover cost of carriage to the site; in iron work the prices of iron have increased immensely since the original estimate was made; in excavating well the excess rate seems to have been occasioned by including baling. It must here be stated that the expenditure has not been kept under sub-heads, and that it is very difficult now to trace the actual cost of each item. The item not entered in the original estimate, concrete under foundations of compound wall, this was found absolutely necessary, owing to the nature of the site and soil, one side of the compound wall abutting on a tank as already noticed and was done by my orders.

8. Arch work in cement was put in by the Range Officer Mr. Harris without reporting it as a deviation.

9. The coping to the compound wall was not apparently ordered by any one, but the Sub-Overseer took on himself to add it, considering it necessary.

10. Deterioration of materials. Mr. Harris put down the loss under this head by stoppage of works for three years at Rupees 73. I am now fully persuaded this did not represent the real loss, and that it ought to be put down at Rupees 306 as per details in the comparative statement, as none of those materials were fit for use when the work was recommenced.

No. 402.

ORDER THEREON, 23rd January 1875, No. 193.

CIVIL WORKS, No. 27.

THE supplemental estimate for completing the additions to the Sub-Magistrate's Cutcherry at Poorooshotapore,

amounting to Rupees 970, is sanctioned. The original estimate, amounting to Rupees 2,400, was sanctioned in Government Order of the 1st November 1873, No. 2,676, and the excess outlay now required has been chiefly caused by additional masonry found necessary in the foundations of the compound wall and by deterioration of materials exposed between 1869-70 and 1873-74 while the work was stopped.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

To the District Engineer, Ganjam.

.. Controller of Public Works Accounts.

.. Judicial Department.

Exd. A. Grubert.
Spare Copies

No. 66

DISTRICT ENGINEER'S OFFICE, GANJAM,
Camp, Berhampore
15 December 1874.

From

THE DISTRICT ENGINEER,

GANJAM.

To

The Chief Engineer and
Secretary to Government
P. & D.
Madras.

Enclosures 2

1 Estimate
1 Comparative Statement

SIR,

I have the honor to forward a supplemental estimate amounting to Rupees 970 with Comparative statement of estimates and actual expenditure under each sub-head for additions and alterations to the Sub-Magistrate's Cutcherry at Poorooshotapore 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 2,400 inclusive of the Hospital was prepared by

Mr. Executive Engineer Harris
and before work was recommen-
ced in 1873 the original estimate
was revised by the same officer
and (exclusive of the Hospital)
reduced by Rs 2400.

Mr. Harris also was Range officer
from the Commencement of the
work till its stoppage and from
its re-Commencement till he
left the district in May 1874.

Mr. Executive Engineer Leggatt
was Range officer from 1st May
till the 31st July 1874, and since
then I myself have been in
Charge of the Range in addition
to my other duties. Supervisor
Mr. Ellis was in Charge of
the work from its recommen-
ment till its stoppage, overseer
Bramhanandam Naider (since
allowed to resign) from its
re-Commencement till



32
till 28th February 1874 and
Sub Overseer Chaulingh from
the 1st March 1874 to the present
date but he has now been ordered
to give over Charge to Overseer
R. Subbarayudu Naider.

The expenditure from the
Commencement of the work till
its stoppage was Rs 497-14-6
and for this Mr. Harris as
Range officer and under him
Mr. Ellis are responsible from
recommencement till 30 April
1874 Rs 1850-2-9 and for
this Mr. Harris as Range officer
and under him overseer Bram-
hanandam and Sub Overseer
Chaulingh are responsible from
1st May 1874 till 31st July 1874
Rs 466-2-10 and for this Mr.
Leggatt as Range officer and
under him Sub Overseer Chaul-
ingh are responsible from
1st August 74 till the present date
Rs

to the level of the ground on
side of the Compound abutting
on a tank.

The excess in rates in brick
work has been occasioned by
inexperience on the part of
the overseers, by the bricks
having been made depart-
mentally and of a better
class than those ordinarily
supplied, also by lime having
to be brought a considerable
distance - in wood work the
rate originally provided does
not seem sufficient to cover
Cost of Carriage to the site. in
iron work the prices of iron
have increased immensely since
the original estimate was made.
In excavating well, the excess
rate seems to have been occa-
sioned by including baling.
It must ^{be} stated that the
expenditure has not been kept
under

under sub heads and that it
is very difficult now to trace the
actual cost of each item. The
items not entered in the original
estimate Concrete under founda-
tions of Compound wall - this
was found absolutely necessary
owing to the nature of the site
and soil - one side of the
Compound wall abutting on a
tank as already noticed and
was done by my orders -

Arch work in cement - was put in
by the Range Officer Mr. Harris
without reporting it as a devia-
tion.

The Coping to the Compound
wall was not apparently ordered
by any one but the sub overseer
took on himself to add it consider-
ing it necessary.

Deterioration of materials. Mr.
Harris put down the loss under
this head by stoppage of works
for

for 3 years at Rupees 73. I am
now fully persuaded this did
not represent the real loss and
that it ought to be put down
at Rupees 306 as per details
in the Comparative statement
as none of those materials were
fit for use when the work
was recommenced.

I have the honour

to be Sir
Yours most Obedt

Attalley Major R.E.
Off District Engineer
Gangra

6

1874 Department
P. W. D. for Edumary

From: 8096

THE DISTRICT ENGINEER,

GANJAM.

To:

The Chief Engineer
and Secretary to
Govt. P. W. D.
Madras.
No: 66

Dated 15th Dec

Despatched 18th Dec 1874

Received 27th Dec

Sl. No. 153. 23-1-75.
Enclosures. 2

Forwards a Supplemental Indent amounting to Rs 970 for addition and alterations to the Submagistrates Cutcherry at Purushothope and submits report of the work already performed.

No 401

6125-1-75

P. W. D. 8096
4/1/96
66 2/10
6125-1-75

Comparative Statement showing the excess and surplus of the at Poonahapur. Brihanpur Taluq. Gajapur

Original and Revised estimate of the Subsidiary Jail District

Original Estimate				Revised Estimate				Difference		Remarks
Number	Quantity	Particulars of Work	Rate Amount Total	Number	Quantity	Particulars of Work	Rate Per Item Amount Total	Excess	Surplus	
Jail										
20 ⁵ / ₅₄		400 of concrete work	1 8 31 6 8	20 ⁵ / ₅₄		400 of concrete work	1 8 31 6 8			
74 ⁴ / ₅₄		Rough Stone in Chumam	1 14 139 2 1	74 ⁴ / ₅₄		Rough Stone in Chumam	1 14 139 2 1			
68 ⁵ / ₂₇		Brick in Chumam	2 10 178 15 9	68 ⁵ / ₂₇		Brick in Chumam	3 204 8 10	25 9 1		
2 ² / ₉		Archwork in do	3 6 10 8	2 ² / ₉		Archwork in cement	7 15 8 10	8 14 2		
25 ²² / ₅₀		Sq of Plastering in do	1 7 36 11 5	25 ²² / ₅₀		Sq of Plastering in Chumam	1 7 36 11 5			
5 ¹ / ₁₆		Flooring with concrete & fly in Chumam and asphalted	20 101 4	5 ¹ / ₁₆		Flooring with concrete & fly in Chumam and asphalted	20 101 4			
75 ⁴¹ / ₁₁₅₂		cft of Sawwood wrought & put up	12 56 8 3	75 ⁴¹ / ₁₁₅₂		cft of Sawwood wrought & put up	14 65 14 11	9 6 8		
7 ¹ / ₁₀₀		Planting over weather boards	5 3 13 7	7 ¹ / ₁₀₀		Planting over weather boards	5 3 13 7			
10 ² / ₂₀₀		Roofing with reapers nails flat and pan tiles and Chumam boards	10 103 8 9	10 ² / ₂₀₀		Roofing with reapers nails flat and pan tiles and Chumam boards	10 103 8 9			
40		Iron Ventilators	10 25	40		Iron Ventilators	1 40 15	15		
56		Iron doors	12 42	56		Iron doors	1 4 70 28	28		
		excavating foundations	5	234		excavating foundations	11 13 6 6	8 6 6		
		Contingent	10 72 14 10			Contingent	10 82 10 5	9 11 7		
			803				908 105			

Comparative Statement showing the excess and Surplus of the original and Revised Estimate of the Subsidiary Jail at Poona. Poona Jail. Poona Jail.

Original Estimate				Revised Estimate				Differences		Remarks
Number	Quantity	Particulars of Work	Rate Per Unit	Amount	Number	Quantity	Particulars of Work	Rate Per Unit	Amount	

Compound wall				Compound wall						
99	cy of Rough Stone in ft	1 14	185 10	191 9/14	cy of Rough Stone in ft	1 14	238 7	172 13		
197 9/14	Brick in Chumam	2 10	54 7 6 8	207 1/2	Brick in Chumam	3	622 8	105 1 4		
71 2/100	Plastering in do	1 7	103 2 5	71 2/100	39 7/100 of Plastering in Chumam	1 7	59 103 2 5			
	excavating foundations	6	6	26 3	cy of excavating foundations	1	16 7	10 7		
	Contingencies	10	80 12 11	66 4/27	cy of foundations in Chumam	1 8	99 12 6	99 12 6		
					Contingencies	10	131 3 1	50 6 2		
				450	Rft coping	4	112 8	112 8		
							1444	551		
Alterations to female wards				Alterations to female wards						
3 1/3	Brick in Chumam	2 10	8 12	3 1/3	Brick in Chumam	2 12	9 2 8	6 8		
9 17/27	Breaking down	2	1 3 3	9 17/27	Breaking down	2	1 3 3			
2 2/9	Arch work in Chumam	3	6 10 8	2 2/9	Arch work in Cement	7	15 8 10	8 14 2		
3 24/25	Plastering in do	1 7	5 11	3 24/25	Plastering in Chumam	1 7	5 11			
3 39/100	Asphalting	15	50 11 2	3 39/100	Asphalting	20	67 9 7	16 14 5		
3 5/12	Sand wood wrought & put up	12	2 9	3 5/12	Sand wood wrought & put up	14	2 15 7	6 7		
1 35/400	cut Stone flooring	12 8	23 7 6	1 35/400	cut Stone flooring	12 8	23 7 6			
2 3/100	Planking over weather Boards	5	10 1 2	2 3/100	Planking over weather Boards	5	10 1 2			
56	Iron painted Ventilators with wooden frames	12	42	56	Iron painted Ventilators with wooden frames	1 4	56 70	28		

Comparative Statement showing the excess and surplus of the original and Revised estimate of the Subsidiary Jail at Porusottapur. Brahampur Taluq. Gaizawa District

Original estimate				Revised estimate				Differences		Remarks
Number	Quantity	Particulars of Work	Rate Amount Total	Number	Quantity	Particulars of Work	Rate Per Item Amount Total	Excess	Surplus	
40		Iron pailed Ventilators	10 - 25 -	40		Iron pailed Ventilators	1 . . 40 . . 10 15 . . .			
		Contingencies	10 - 17 14 3			Contingencies	10 . . cont. 24 4 5 6 6 2 . . .			
		<u>Cook Room</u>	194			<u>Cook Room</u>	270 76 . . .			
2 $\frac{31}{32}$		Mud wall	4 - 9 8	2 $\frac{31}{32}$		Mud wall	4 . cft 9 8 . . .			
$\frac{1}{3}$		Brick in Chumau	2 10 - 14 -	$\frac{1}{3}$		Brick in Chumau	3 . 1 - . . 2 . . .			
$\frac{1}{25}$		Plastering Pillars	1 7 - 5 6	$\frac{1}{25}$		Plastering for Pillars	1 7 . sq . 5 6 . . .			
17 $\frac{1}{23}$		Whitewashing	2 - 2 6	17 $\frac{1}{23}$		Whitewashing	4 . do . 5 2 . . 2 8 . . .			
2 $\frac{127}{1666}$		Flooring with broken Stone in Chumau	5 8 - 11 6 11	2 $\frac{127}{1666}$		Flooring with broken Stone in Chumau	5 8 . 11 6 11 . . .			
34 $\frac{583}{576}$		Saulwood wrought and put up	12 - 26 7 2	34 $\frac{583}{576}$		Saulwood wrought and put up	14 . cft 30 8 2 4 1 . . .			
4 $\frac{25}{200}$		Roofing with reapersails, pan tiles & Chumau boardings	3 8 - 35 -	4 $\frac{25}{200}$		Roofing with reapersails pan tiles and Chumau	8 . sq 35 . . .			
		Contingencies	10 - 7 2 3			Contingencies	10 . . cont. 7 12 7 . . 10 4 . . .			
		<u>Latrine</u>	82			<u>Latrine</u>	87 5 . . .			
29 $\frac{7}{9}$		Mud in wall	4 - 7 9 1	29 $\frac{7}{9}$		Mud in wall	4 . cft 7 9 1 . . .			
8		Brick in clay	1 14 - 15 -	8		Brick in clay	1 14 . 15 . . .			
1 $\frac{67}{400}$		Flooring to be asphalted & well lamped & complete	15 8 - 18 1 8	1 $\frac{67}{400}$		Flooring to be asphalted & well lamped & complete	20 . sq 23 5 7 5 3 11 . . .			
3		Asphalt coated for benches and tongs	12 - 36 -	3		Asphalt coated for benches and tongs	15 . do 45 . . 9 . . .			

Comparative Statement showing the excess and surplus of the at Poonahapur. Briham-pur Taluq. Gajpur

Original and Revised Estimate of the Subsidiary Jail District

Original Estimate				Revised Estimate				Differences		Remarks
Number	Quantity	Particulars of Work	Rate Amount Total	Number	Quantity	Particulars of Work	Rate Per Item Amount Total	Excess	Surplus	
	1/3	Brick in Chumam	2 10 14		1/3	Brick in Chumam	2 12 49	4 8	8	
	4 25	Plastering	1 7 0 56		4 25	Plastering	1 7 59	5 6		
	9 99/100	Whitewashing	- 2 - 1 23		9 99/100	Whitewashing	- 4 - 2 7 11	1 5 8		
	4 3 463/559	Saulwood wrought and put up	- 12 - 33 99		4 3 463/559	Saulwood wrought and put up	- 14 - 38 5 4	4 11 7		
	5 2 100	Roofing with reapers, nails, paintels, Chumam	8 - 45 97		5 2 100	Roofing with reapers, nails, paintels, Chumam	8 - 45 97			
		Contingencies	10 - 15 12 2			Contingencies	10 - 17 6 4	1 10 2		
		Well	174			Well	196 22			
	10 1 1/2	Excavating	- 2 - 12 11 6		15 7	Excavating	3 7 49 35 27			
	4 4 1/8	Brick in Chumam	3 - 103 22		3 3 1/2	Brick in Chumam	2 10 11 09 2 11	4 3 15 3		
	16 2 8	Canapa wood ring	- 3 - 3 27		16 2 8	Canapa wood ring	- 3 - 3 27			
	13 1/10	Plastering in Chumam	1 7 1 310		13 1/10	Plastering in Chumam	1 7 59 1 13 10			

Comparative Statement showing the excess and surplus of the original and Revised Estimate of the Subsidary Jail at Berhampur. Berhampur Taluq. Ganjam District

Original Estimate				Revised Estimate				Differences		Remarks	
Number	Quantity	Particulars of Rate	Amount Total	Number	Quantity	Particulars of Work	Rate Per Item	Amount Total	Excess		Surplus
Abstract											
		Jail	803			Jail		908 105			
		Compound wall	893			Compound wall		1444 551			
		Female ward	194			Female ward		270 76			
		Cook Room	82			Cook room		87 5			
		Latrine	174			Latrine		196 22			
		Well	181			Well		159 22 71 44 71			
		Deterioration of materials	73			Deterioration of materials		306 233			
			2400			Deduct amount of original		3370 1014 71 44 71			
						Amount for which		2400			
						Sanction is not required		970			

H. M. M. Major R. E.

For Range Officer Berhampur

H. M. M. Major R. E.

Offy District Engineer Ganjam



Proceedings of Madras Government

Read the following 14

from the D. J. G. G. G. (H. L. 66 of 15 Dec. 1874)

193

The supplemental estimate for completing the additions to the Sub. magistrates Cutcherry at Porroshotapore amounting to Rs 970 is sanctioned. The original estimate amounting to Rs 2400 was sanctioned in G. O. of the 14 November 1873 No. 2676 and the

11/11/74

The excess outlay
 required has been caused by additional
 masonry found necessary in the foundation
 of the compound and by deterioration
 of materials expended
 between 1869-70 and
 while the work was
 stopped.

Adm.
C.M.W.

To the S. C. Ganjam
 Controller with H. Estimate
 Judicial Dept
 Sept 25/1/75.

1865-1-76 1/2

Gobt. of 1874 Madras.
 PUBLIC WORKS.

To
 The S. C. Ganjam

Dated
 Recd.
 22nd Jan. 193

Nos. 201-602

Magistrates' Catchery
 Porrosholapore -
 Ganjam S. C. The Sup.
 intal Estimate for
 completing the additions
 Catchery, some
 remarks.