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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.

B.P. No.

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*Proceedings of the Madras Government, Public Works Department,
8th July 1875.*

No. 251. Read the following letter from R. SMITH, Esq., Officiating Superintending Engineer, Nellore, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, dated Nellore, 15th May 1875, No. 16 :—

I HAVE the honor to submit, for sanction, a revised estimate, amounting to Rupees 12,950, for the 2nd-class Cutcherry now under construction at Vencatagherry. The original estimate of Rupees 9,460 for this Cutcherry and Subsidiary buildings was sanctioned in G. O., No. 2,539, dated 17th October 1873.

2. From the accompanying comparative statement, it will be observed that the excess, Rupees 3,490, is as follows :—

	Rs.
On Cutcherry	1,565
On Ryots' shed	184
On cook-house	130
On latrine for establishment	367
On latrine for prisoners	134
On compound wall	400
On materials	105
Special superintendence	605
Total Excess	3,490

3. The excess on the main building, to the extent of Rupees 788, is owing to the verandahs ordered in G. O., No. 795, dated 23rd March 1874, and to the modifications in the Police guard-room, directed in G. O., No. 721, of 15th March 1875. The past unfavorable season for brickmaking and for building operations generally caused increased expenditure, and accounts for Rupees 319 of the balance of the excess. The masonry executed is, however, very satisfactory, and I have to add that for the quality the revised rate is by no means excessive. The increase* under the

* Rupees 97-15-0.

item "archwork" is in consequence of the relieving arches that were introduced to increase the stability of the structure, and to the circular archwork required in connection with the fanlights. These were made up for some other design when the Cutcheries were commenced in this district in 1869-70, and I thought it advisable to utilize them, although the circumstance of their being in stock was overlooked when the estimate, now being worked out, was under preparation. The above sums amount to Rupees 1,205 of the difference between the original and revised estimates for the main building, and by referring to the comparative statement it will be seen that the balance of the excess, Rupees 360, is distributed over several items, and that the cause of the increase is fully explained.

4. The extra sums allowed for the out-houses, in the accompanying estimate, are to admit of these being built according to the improved designs, sanctioned in G. O., No. 1,014, dated 20th April 1874.

5. The excess on the compound wall is principally owing to the additional space it was found desirable to enclose, and to a portion of the work having been destroyed

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by a high flood in the Vencatagherry river. A masonry compound wall would, of course, be preferable, but it could not be built for less than Rupees 4,000.

6. The item for Special Superintendence is absolutely necessary for this and the other Cutcheries under construction, as the Taluq Overseers cannot possibly devote much time to one work, without neglecting their general duties considerably.

7. Annexed are the details regarding the past and proposed expenditure.

	RS.	A.	P.
Expenditure to end of 1874-75	6,126	14	10
Allotment for 1875-76			
Expenditure in this year up to 30th April 1875	7	13	9
Sum required for expenditure from 1st May 1875 to 31st March 1876	6,815	0	0

8. The return of the enclosures is solicited.

NELLORE DISTRICT.

ABSTRACT ESTIMATE.

Work.—Revised Estimate for constructing a 2nd-class Taluq Cutcherry at Vencatagherry sanctioned in G. O., No. 2,539, of 17th October 1873.

Quantities.	Description of Charges.	Rate.	Amount.	Total.
		RS. A. P.	RS. A. P.	RS. A. P.
109	Cubic yards of rubble stone-in-chunam	4 4 3	464 15 3	
274½	Concrete levelling course		36 8 4	
405	Cubic yards of brick-in-chunam	5 0 0	1,373 12 0	
...	Centering of do.	0 3 8	88 9 6	
94	Cubic feet of stone work		45 3 6	
11-1	Squares of flooring 8" squares bricks set diagonally over 3" of broken brick rubbish, including pointing the floor with chunam, complete	1 0 0	94 0 0	
7	Squares of flooring with ¾" of asphalt over 4" of concrete-in-chunam with a substratum of brick rubbish 3" thick	9 0 0	99 14 4	
36½	Squares of pointing outside	24 4 0	169 12 0	
67	Do. of plastering inside with one coat of chunam	3 0 0	109 8 0	
67	Do. of colorwashing	1 12 0	117 4 0	
39½	Do. of roofing with flat and pan tiles and chunam borders, &c., complete	0 4 0	16 12 0	
358	Cubic feet of teakwood work, including wastage	10 0 0	395 0 0	
59½	Do. of teakwood for reepers, including wastage	3 12 0	1,342 8 0	
74	Squares of painting both sides of doors and the exposed surfaces of the wood work of Cutcherry and Prison wards with three coats of Carson's oak color	3 12 0	222 3 0	
		4 0 0	296 0 0	

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Revised Estimate for constructing a 2nd-class Taluq Cutcherry at Vencatagherry.—(Continued.)

Quantities.	Description of Charges.	Rate.	Amount.	Total.
		RS. A. P.	RS. A. P.	RS. A. P.
336	Running feet of exterior flat drain.	0 5 6	115 8 0	
137½	Square feet of teakwood batten railings in front and rear of the Police guard	0 6 0	51 9 0	
30	Running feet of chunam moulding work to the door of the Deputy Tahsildar's room	0 2 0	3 12 0	
11	Pairs of doors ½ pannelled and ¾ venetian with fanlights hinges and bolts, &c., complete	60 0 0	660 0 0	
2	Venetian windows with fanlights in front and rear of the Police guard	40 0 0	80 0 0	
6	Doors inside iron barred and outside batten according to the standard design 4' × 7½ with padlocks, &c., complete	75 0 0	450 0 0	
6	Iron barred ventilators for Prison wards 4' × 2	11 0 0	66 0 0	
3	Do. work for 3 trusses of 16 feet span, including iron king rod, nuts, straps, bolts, and fitting, &c., complete	12 0 0	36 0 0	
2	Do. work for 2 trusses of 15 feet span, including iron king rod, nuts, straps, bolts, and fitting, &c., complete	10 0 0	20 0 0	
1	Teakwood ornamental board	10 0 0	10 0 0	
1	Strong iron cage for treasure	100 0 0	100 0 0	
10	Stones for resting trusses	0 12 0	7 8 0	
41	Running feet of zinc gutter	0 5 0	12 13 0	
	Excavating foundations and filling in basement		90 0 0	
	Superintendence and Sundries		430 0 1	
	Verandah as per separate estimate.		910 0 0	
	Total ...			7,915 0 0
	<i>Ryots' Shed.</i>			
24½	Cubic yards of rubble stone-in-chunam	4 0 0	97 5 4	
1½	Do. of concrete levelling course	3 0 0	4 8 0	
19½	Do. of brick-in-chunam	4 4 0	81 4 6	
1-4	Squares of honey-comb work with tiles	6 0 0	8 6 5	
6	Do. of flooring brick on edge	9 0 0	54 0 0	
11	Do. of roofing with palmyrah couples, 3 iron tie rods, reepers, rafter and reeper nails, flat and pan tiles, and chunam borders, &c., complete	23 8 0	313 8 0	
33½	Cubic feet of teakwood work, including wastage	3 12 0	124 11 0	
10½	Squares of pointing	3 0 0	31 8 0	
12	Stones on tops of pillars	1 0 0	12 0 0	
	Excavating foundations and filling in basement		10 0 0	
	Superintendence and Sundries		26 12 9	
	Total ...			764 0 0

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Revised Estimate for constructing a 2nd-class Taluq Cutcherry at Vencatagherry, &c.—(Continued.)

Quantities.	Description of Charges.	Rate.	Amount.	Total.
		RS. A. P.	RS. A. P.	RS. A. P.
<i>Cook-room.</i>				
14	Cubic yards of rubble stone in chunam ...	4 0 0	56 0 0	
25	Do. of concrete levelling course...	3 0 0	2 10 8	
11	Do. of brick-in-chunam...	4 4 0	106 4 0	
4	Squares of flooring bricks on edge.	9 0 0	13 8 0	
13	Do. of roofing with palmyrah couples, reepers, rafter and reeper nails, flat and pan tiles, and chunam borders, &c., complete ...	27 8 0	130 10 0	
5	Cubic feet of teakwood work, including wastage ...	3 12 0	49 11 0	
6	Squares of plastering with one coat of chunam ...	1 12 0	8 12 0	
6	Do. of pointing ...	3 0 0	18 12 0	
5	Do. of whitewashing ...	0 3 6	1 1 6	
2	Kitchen hearths ...	0 8 0	1 0 0	
	Excavating foundations and filling in basement ...	.....	4 0 0	
	Superintendence and Sundries ...	.....	17 10 10	
	Total ...			410 0 0
<i>Latrine for Establishment, 10 Seats.</i>				
26	Cubic yards of rubble stone-in-chunam ...	4 0 0	106 8 0	
1	Do. of concrete levelling course ...	3 0 0	5 4 0	
26	Do. of brick-in-chunam ...	4 4 0	110 8 0	
7	Squares of honey-comb work ...	6 0 0	42 0 0	
3	Do. of flooring brick on edge ...	9 0 0	27 0 0	
28	Cubic feet of teakwood work, including wastage ...	3 12 0	106 4 0	
9	Squares of roofing with palmyrah couples, reepers, rafter and reeper nails, flat and pan tiles, and chunam borders, &c., complete ...	27 8 0	261 4 0	
6	Squares of plastering with one coat of chunam ...	1 12 0	10 8 0	
6	Squares of whitewashing ...	0 3 6	1 5 0	
8	Do. of pointing ...	3 0 0	25 8 0	
4	Do. of asphalt flooring 1/2" thick.	19 8 0	87 12 0	
12	Stones on tops of pillars ...	1 0 0	12 0 0	
6	Running feet of zinc flashing ...	0 5 0	1 14 0	
2	Wooden covers for cisterns with buckets ...	30 0 0	60 0 0	
	Excavating foundations and filling in basement ...	.....	10 0 0	
	Superintendence and Sundries ...	.....	29 5 0	
	Total ...			897 0 0
<i>Latrine for Prisoners, 6 Seats.</i>				
19	Cubic yards of rubble stone-in-chunam ...	4 0 0	76 0 0	
11	Do. of concrete levelling course.	3 0 0	3 8 0	
20	Do. of brick-in-chunam ...	4 4 0	85 15 1	
4	Squares of honey-comb work ...	6 0 0	25 12 9	
1	Do. of flooring brick on edge ...	9 0 0	15 4 9	
19	Cubic feet of teakwood work, including wastage ...	3 12 0	71 4 0	

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Revised Estimate for constructing a 2nd-class Taluq Cutcherry at Vencatagherry, &c.—(Concluded.)

Quantities.	Description of Charges.	Rate.	Amount.	Total.
		RS. A. P.	RS. A. P.	RS. A. P.
6	Squares of roofing with palmyrah couples, reepers, rafter and reeper nails, flat and pan tiles, and chunam borders, &c., complete ...	27 8 0	165 0 0	
5	Squares of plastering with one coat of chunam ...	1 12 0	9 15 7	
5	Do. of pointing ...	3 0 0	16 8 0	
5	Do. of whitewashing ...	0 3 6	1 3 11	
5	Do. of asphalt flooring 1/2" thick	19 8 0	50 11 2	
2	Stones on tops of pillars ...	1 0 0	9 0 0	
9	Running feet of zinc flashing ...	0 5 0	0 15 0	
3	Wooden cover for cistern with bucket, complete...	30 0 0	30 0 0	
1	Excavating foundations and filling in basement ...	.....	8 0 0	
	Superintendence and Sundries ...	.....	24 13 9	
	Total ...			594 0 0
635	Running yards of mud compound wall with coping of tiles-in-chunam ...	.....	983 10 6	
	Teak gate and masonry pillars, &c., complete ...	.....	100 0 0	
	Superintendence and Sundries ...	.....	16 5 6	
	Total ...			1,100 0 0
	Branch road as per original estimate ...	.....	.....	180 0 0
	Compensation for land as per original estimate ...	.....	.....	380 0 0
	Loss of materials ...	.....	.....	105 0 0
	Special Superintendence and Sundries ...	.....	.....	605 0 0
	Grand Total ...	.....	.....	12,950 0 0

NELLORE,
15th May 1875.

(Signed) R. SMITH,
Officiating Superintending Engineer.
(Signed) G. VANSAGNEW,
Collector.

Work.—Constructing Verandah round the Sub-Magistrate's Court-room at Vencatagherry ordered in G.O., No. 795, of 23rd March 1874.

Quantities.	Description of Charges.	Rate.	Amount.	Total.
		RS. A. P.	RS. A. P.	RS. A. P.
18	Cubic yards of rubble stone-in-chunam ...	4 0 0	74 10 8	
2	Do. of concrete levelling course ...	3 0 0	6 0 0	
11	Do. of brick-in-chunam ...	5 0 0	55 11 5	
5	Squares of flooring brick on edge...	8 0 0	42 0 0	

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Constructing Verandah round the Sub-Magistrate's Court-room at Vencatagherry,—(Concluded.)

Quantities.	Description of Charges.	Rate.			Amount.			Total.		
		RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
11½	Squares of roofing with flat and pan tiles and chunam borders, &c., complete ...	10	0	0	117	8	0			
19	Stones under posts ...	1	0	0	19	0	0			
108½	Cubic feet of teakwood work, including wastage ...	3	12	0	405	15	0			
17½	Do. of do. for reapers do. ...	3	12	0	66	1	6			
84	Squares of painting the exposed surfaces of wood work with three coats of Carson's oak color ...	4	0	0	33	9	7			
26	Running feet of exterior flat drain ...	0	5	6	8	15	0			
29	Do. of zinc gutter ...	0	5	0	9	1	0			
	Excavating foundations and filling in basement ...				20	0	0			
	Superintendence and Sundries ...				41	7	10			
	Total ...							910	0	0

NELLORE,
15th May 1875.

(Signed) R. SMITH,
Offg. Superintending Engineer.
(Signed) G. VANSAGNEW,
Collector.

No. 252.

ORDER THEREON, 8th July 1875, No. 1,938.

CIVIL WORKS, No. 19.

THE amount of the revised estimate for the 2nd-class Cutcherry at Vencatagherry is made up of items, the cost of

which compare as shown below with the original estimate:—

	Original Estimate.	Revised Estimate.
	RS.	RS.
Main building ...	6,350	7,915
Ryots' shed ...	580	764
Cook-room ...	280	410
Establishment latrines ...	530	897
Prisoners' latrine ...	460	594
Compound wall ...	700	1,100
Branch road ...	180	180
Compensation for land ...	380	380
Loss of materials ...		105
Special Superintendence and Sundries ...		605
Total ...	9,460	12,950
Net Increase ...	3,490	

2. The excess on the main building, which amounts to Rupees 1,565, is stated to be partly owing to the alterations in the details of the building sanctioned by Government, and this is no doubt the case, but an examination of the comparative statement,

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which accompanies the District Engineer's letter, shows that under estimation of the rates and the omission of items, the necessity for which might have been foreseen, account for increase in the present estimate to the extent of Rupees 600.

3. The rates for the principal kinds of work in the two estimates were as follow:—

	Per	Original Estimate.	Revised Estimate.
		RS. A. P.	RS. A. P.
Brick-in-chunam ...	C. yards.	4 0 0	5 0 0
Do. archwork-in-chunam ...	C. feet.	0 3 6	0 3 8
Brick flooring ...	Square.	8 0 0	9 0 0
Pointing brick-work ...	Do.	2 4 0	3 0 0
Teakwood wrought and put up ...	C. feet.	3 4 0	3 12 0
Painting ...	Square.	2 12 0	4 0 0
Panel and venetian doors ...	Each.	54 0 0	60 0 0

The original estimate was prepared in October 1873, and it is stated by the District Engineer in his letter under reference that the cost of skilled labor has increased in the interval. This assertion is not supported by the experience in other districts, nor is it probable that there would be a marked change in so short a period of time. It is more likely that want of efficient superintendence and the slow rate of progress has enhanced the cost of all items of work.

4. The increase in the cost of the out-houses amounts to Rupees 815. These buildings have now been estimated for on the basis of the revised designs, sanctioned in April 1874, and the excess is in a great measure accounted for by the changes authorized, but on the other hand the rates for work are higher, and the observations already made in reference to the main building apply here also.

5. It is stated that the excess in the cost of the compound wall is partly owing to the enclosure of a larger space than was originally intended and partly to the destruction of a portion of the work by a flood. The size of the enclosure required was apparently not sufficiently considered at first. It should have been explained what precautions were taken to prevent a recurrence of the destruction of the wall on the occasion of the next high flood in the river. The loss on materials it is observed was incurred on bricks purchased in 1870.

6. The charge of Rupees 605 for special superintendence and sundries cannot be admitted in such a form. Petty superintendence is admissible as a charge against a work, but the entry under that head and sundries should not, as a rule, exceed 5 per cent.; and expenditure so large as that incurred for this work cannot be considered any thing but unsatisfactory. The amount of the revised estimate, viz., Rupees 12,950 is however accepted.

7. The Government are under the necessity of again noticing that the District Engineer's Proceedings, in regard to this Cutcherry, have been calculated to create embarrassment when the question of the provision of funds for its completion had to be considered. In the first place the delay in the submission of the revised estimate, seems to be hardly excusable, and having withheld from the Government that means of ascertaining that there would be a necessity for an allotment during the current

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year for the Cutcherry, it was the more incumbent on the District Engineer to bring the fact to notice when forwarding his Budget. He, however, inserted therein as the amount required to complete the building a sum of Rupees 499 only, and consequently the general Budget provided no specific allotment, while at the same time there is no reserve. Under these circumstances the provision of funds must be postponed.

(True Extract.)

Major, E.E.

Offg. Joint Secretary to Government.

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry, at Venkatagiri, sanctioned in G. O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate		Revised Estimate		Increase		Decrease		Remarks
	Quantity	Rate	Quantity	Rate	Quantity	Amount	Quantity	Amount	
Rubble Stone in Chumam Cypers.	109	4 43	464	15 3	109	464 15 3			Rubble in mortar was used for foundations instead of Brick in mortar.
Concrete Levelling Course			36	8 4		36 8 4			Used to fill up inequalities in foundations.
Brick in Chumam Cypers.	388 6 4	0 0	153 6 0	2 7 4	5	137 3 12		108 85 160 4	The decrease in quantity is owing to rubble in mortar having been used in the foundation. The increase in rate is owing to the very unfavourable season for Brickmaking and for building operations generally. Skilled laborers also cost more now than it did a short time back.
Archwork	Cft 164	3 6	35 14	40 5	3 8	88 9 6	241	52 11 6	Increase owing to the relieving and circular Archwork introduced.
Centering					45	3 6		45 3 6	Required for the circular Archwork.
Stone Work for steps									Excess owing to the additional steps required in connection with the Verandah ordered after the sanction of the original Estimate. Steps have also been provided for the Police guard room in the revised Estimate.
Brick Paved in Chumam Cypers.	734	4 40	31 31					734 31 31	

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry at Venkataswari sanctioned in G. O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate			Revised Estimate			Increase		Decrease		Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	Quantity	Amount	
Flooring 8" square bricks set diagonally over 3" of broken brick rubbish including pointing the floor with Chunan Complete Sqrs.	11.6	8.00	92 12 9	11.1	9.00	99 14 4	0.5	7 17 0.5			Original rate rather low.
Flooring with 3/4" of asphalt over 4" of concrete in Chunan with a substratum of brick rubbish 3" thick Sqrs.	7.2	24 4.0	174 9 7	7	24 4.0	169 12 0			0.2	4 13 7	
Pointing outside Sqrs	42	2.40	94 8 0	36 1/2	3	109 8 0		15 0 5 1/2			Very neat pointing is proposed.
Plastering inside with 1 coat of Chunan Sqrs.	65.5	1 12.0	114 10 0	67	1 12.0	117 4 0	1.5	2 10 0			
Colour washing	65.5	0 39	15 5 7	67	0 40	16 12 0	1.5	1 6 5			
Roofing with flat & pan tiles and Chunan borse sets complete Sqrs.	43.25	10 0	432 8 0	39 1/2	10	396		3 75	37 8		Decrease owing to the projecting part of the roof in the line of the new Verandah having been deducted.
Seapwood work including wastage	412	3 4.0	1339 0 0	358	3 12.0	1342 8 0		3 8 0	54		Decrease in quantity on account of the above deduction. Increase in rate principally owing to the rise in the price of Seap and to the increased cost of skilled labour.
Do for repers do do	64.87	3 6.0	218 14 11	59 1/2	3 12.0	222 3 0		3 41 5 62			

Comparative Statement showing the difference between the Original, and Revised Estimates for constructing a 2nd Class Cutcherry at Venktagiri, sanctioned in G. O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate		Revised Estimate		Increase		Decrease		Remarks	
	Quantity	Rate	Quantity	Rate	Quantity	Amount	Quantity	Amount		
Painting both sides of doors and the exposed surfaces of the wood work of Cutcherry and Prison walls, with 3 Coats of Carson's Oak Colour dyer. Exterior flat drain all round the building 4 and 3½ from the base out respectively for the Prison walls and the Cutcherry Rf. Teak wood battens railing in front and rear of the Police Guard by feet. Chumam moulding work to the door of the Deputy Sahildar's room. Rf. Dentel Cornice work. Do. Pairs of Doors 1/3. Bannell and 2/3 of veneered with hinges bolts etc complete 4x8-3. Doors inside iron barred and outside battens according to the standard design 4x7½ with padlocks etc complete.	73	2 12 0	203	12 0	74	4 0 0	296	1	92 4 0	The rate allowed in the original Estimate is insufficient
	336	0 56	115 8 0	336	0 56	115 8 0	85			
	229	25 0 6	85	15 6 137½	0 6	54 9 0		91 75	34 6 6	Decrease owing to modification in the design
	30	2 0	3	12 0	30	2 0	3	12 0		
	132	0 4 0	33	0 0				132	33 0	Not really necessary.
	11	54 0 0	594	0 0	11	60 0 0	660	66		Increase owing to the cost of the fanlights having been added
	6	75 0 0	450	0 0	6	75 0 0	450			

50

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd class Cutcherry at Venkatagiri sanctioned in G. O. No 2539 of 17th October 1873.

Description of Work	Original Estimate			Revised Estimate			Increase		Decrease		Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	Quantity	Amount	
Venctian windows with fanlights	2	40	80	2	80	160	2	80			Modification ordered in G.O. No 721 dated 15 th March 1874
Iron barred Ventilators for Prison wards 4' x 2'	6	11	66	6	11	66					
Iron work for 3 trusses of 16 feet span including iron king rod, nuts, straps, bolts & fittings etc complete	3	6 80	19 80	3	12 00	36 00		16 80			Increase owing to a rise in prices and to the original rate being rather low
Iron work for 2 trusses of 15 feet span including iron king rod, nuts, straps, bolts & fittings etc complete	2	6 00	12 00	2	10 00	20 00		8 00			
Teak wood (fundamental) board in front of Deputy Sahildar's room with cross including iron and wood work complete	1	10 00	10 00	1	10 00	10 00					
Strong iron cage for treasure (6' x 5' x 4') internal dimension	1	100 00	100 00	1	100 00	100 00					This is obsolete a barbed partition across the cash keeping room is substituted
Stones for resting trusses	10	12 00	120 00	10	12 00	120 00					Not provided in original Estimate
Zinc gutter & Regret				41	5 00	205 00	41	12 13 00			Excess owing to the hard soil met with
Excavating foundation & filling in basement			75 00			90 00		15 00			3 less sales falling
Superintendence and Sundry & scaffolding			430 10 7			430 10 7					
Verandah as per separate Estimate						910 00		910 00			Ordered in G.O. No 795 dated 23 rd March 1874
Total			6350 00			7915 00		1866 13 8		301 13 8	

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry at Vankstagiri sanctioned in G. O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate			Revised Estimate			Increase or Decrease			Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	Amount	
Pyots shed										
Rubble stone in										
Chunam Cyards	"	"	"	24 1/2	4 00	97	5 4	24 1/2	97 54	"
Concrete work do	5 33	2 19	11 3 10	1 1/2	3 00	4 80	"	"	3 83	6 11 10
Brick in Chunam do	15 1	4 00	60 6 5	19 8	4 40	81 4 6	4 2	20 14 1	"	"
Honey Comb Work										
with tiles & gres	"	"	"	1 4	6 00	8	6 5	1 4	8 6 5	"
Flooring with 8" square flooring bricks set diagonally over 3" of broken brick rubbish including pointing the floor with Chunam & gres	6 65	8 00	53 8 2	6	9 00	54	"	"	12 10 65	"
Roofing with Palmyrah Coupler and Bamboo reperf, rafter and reperf rails, flat and pautiles and Chunam boards etc complete & gres	11	25 00	275 00	11	28 80	318	8 00	388 00	"	"
Teak wood work including wastage & Cfr	26 25	3 40	85 5 0	33 1/2	3 120	124	11 00	7 00	39 60	"
Plastering with 1 Coat of Chunam & gres	1 5	1 120	2 10 0	10 1/2	3 00	31	8 00	9 00	28 14 0	"
Country Teak wood posts 12 feet long each	12	5 00	60 00	"	"	"	"	"	12 60 00	"
Stones on tops of Pillars	"	"	"	12	1 00	12	"	12	12 00	"

The revised Estimate is for the revised design sanctioned in G. O. No. 1014 of 20th April 1874.

150

The revised Estimate provides for first class Ceylon Palmyrah and for 3 iron the rods and 1/2 reperf.

The revised Estimate provides for pointing outside.

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry at Venktagiri sanctioned in G. O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate		Revised Estimate		Increase		Decrease		Remarks
	Quantity	Rate	Quantity	Rate	Quantity	Amount	Quantity	Amount	
Excavating foundations and filling up basements etc complete	547	12.5	727	20	246	28	66	1110	
Surveyors and Superintendence	6		10		4				
	26	37	26	129	0	92			
Total	580		764		250	1110	66	1110	
					Net Increase 184 0 0				

Cook Room									
Public Stone in Chunanam	Cyds.	14	400	56	00	14	56	00	
Concrete Levelling Course	Cyds.	8	3	2	108	8	2	108	
Driest in Chunanam	Cyds.	20 1/2	400	82	00	25	440	106	40
Teak wood wrought & put up	Cyds.	15 3/4	340	51	30	13 1/4	3120	49	120

The revised Estimate is for a Cookhouse according to the revised design sanctioned in G. O. No. 1014 dated 20th April 1874.

Roofing with Palmyra Coupler, Bamboo reapers, rafters and reaper nails flat and pan tiles and Chunanam boards etc complete. Cyds.	4	2500	100	4 3/4	2780	130	100	3/4	3010	
Flooring with 8" square flooring tiles including pointing with Chunanam and levelling course of Brick in clay Complete. Cyds.	172	800	13	122	159	00	13	800	022	42

The revised Estimate provides for 1st Class Ceylon Palmyrahs and Teak reapers.

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry, at Venkataswari, sanctioned in G.O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate			Revised Estimate			Increase		Decrease		Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	Quantity	Amount	
Plastering with 1 coat of Chungu Sgrs	6.25	120	10 150	5	120	8.120	1	120	1.25	230	
Whitewashing do	6.25	36	1 510	5	36	1 16			1.25	44	
Painting Outside do				6 1/4	30	18 120	6 1/4	18 120			
Kitchen Hearths				2	80	1 60	2	1 60			
Excavating foundations and filling in basement complete			300			400		1000			
Surveys and Superintendence			17 120			17 1010				12	
Total			280			410		13448		448	
Net Increase											13000

Latrine for Establishment

Rubble Stone in Chumam													
Concrete Levelling Course													
Brick in Chumam													
Honey Comb work Sgr.	4	580	4 65	7	600	42		6 1/2	37 97				
Teak wood wrought and put up	29 1/2	340	94 106	28 1/2	312	106 40		11 96	79				
Roofing with Palmyra Coupler, bamboo rears													
rafters & reepermals, flat and pav tiles	6.25	150	9 1/2	27 8	261	40	3 1/2	111 40					
Chumam boxes etc complete Sgr.													

The revised Estimate is for the revised design sanctioned in G.O. No. 1014 dated 20th April 1874.

The revised Estimate provides for 1st class Ceylon Palmyra and Teak Brakes.

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry at Venkatagiri, sanctioned in G. O. No. 2539 of 17th October 1873.

Original Estimate Revised Estimate Increase Decrease

Description of Work	Original Estimate			Revised Estimate			Increase			Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Amount	Quantity	
Plastering with 1 Coat of Chundru Syce	15	120	2640	6	120	1080			9	15120
Whitewashing do	"	"	"	6	36	150	6	150	"	"
Pointing Outside do	"	"	"	8 1/2	3	258	8 1/2	258	"	"
Flooring Brick on edge Syce	"	"	"	3	9	27	3	27	"	"
Asphalte flooring 3/4 thick Syce	1 1/2	198	294	4 1/2	198	8712	3	588	"	"
Stone work Cfeet	2 1/2	39	94	12	100	1200	"	1168	"	"
Quio Gutter Pfh	"	"	"	6	50	140	6	140	"	"
Wooden Covers for Cisterns with baskets Complete	"	"	"	2	30	60	2	60	"	"
Excavating foundation and filling in basement Complete	"	"	8	"	"	10	"	2	"	"
Shutters and Superintendence	"	"	2943	"	"	2950	"	9	"	"
Total			530			897		459136		92136
						Net Increase 36700				
Latrine for Prisoners										
Rubble Stone in Chumam Syce	"	"	"	19	400	7600	19	7600	"	"
Concrete Levelling Course Syce	"	"	"	1 1/4	300	380	1 1/4	380	"	"
Brick in Chumam Cfh	1133	25	17301	20 2/3	44	85151			587	87110
Honey Comb work Syce	2 1/3	58	3108	4 1/3	6	25129	3 1/4	2221	"	"

The revised Estimate is for the revised design sanctioned in G. O. No. 1014 dated 20th April 1874.

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry at Venktagiri, sanctioned in G. O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate		Revised Estimate		Increase		Decrease		Remarks
	Quantity	Rate	Quantity	Rate	Quantity	Amount	Quantity	Amount	
Teak wood wrought and put up Cft.	177 4 9		191 3 10		13 10	101 71	27 11 0		
Roofing with Palmyrah Coupler, Bamboo reapers, rafter & reaper nails flat & pau tiles and Chumam boards to complete Sqrs.	25 3 4	81 4 0	19 3 12	71 4 0	6 10 0				
Plastering with 1 Coat of Chumam Sqrs.	13 1 12	22 12 0	5 7 1 12	9 15 7	7 3 12 12 5				
Whitewashing do			5 7 0 3 6	1 3 11 5 7	1 3 11				
Pointing Outside do			5 5 3	16 8 0	5 5	16 8 0			
Flooring Brick on edge Sqrs.			1 7 9 0 0	15 4 9 1 7	15 4 9				
Asphalte flooring 3/4 thick Sqrs.	1 18 19 8 0	23 0 2	2 6 19 8 0	50 11 2 1 42	27 11 0				
Stone Work Cft.	1 8 0 3 9	0 7 0	9 1 0 0	9 0 0	8 9 0				
Zinc Gutter Rft			3 0 5 0	15 0 3	0 15 0				
Wooden cones for Cistern with buckets Complete			1 30 0 0	30 1 30					
Excavating foundations and filling in basements Complete		6 0 0	8 0 0	2 0 0					
Sanaries & latrines	24 4 1		24 13 9		0 9 8				
Total	460		594		134 0 0	244 7 5	1107 5		
1400 Running ft of mud compound wall 9 ft high (including 3 feet)									

The revised Estimate provides for first class Palmyrah and teak reapers.

Comparative Statement showing the difference between the Original and Revised Estimates for constructing a 2nd Class Cutcherry at Venkatagiri, sanctioned in G. O. No. 2539 of 17th October 1873.

Description of Work	Original Estimate		Revised Estimate		Increase or Decrease		Remarks
	Quantity	Rate	Quantity	Rate	Quantity	Amount	
formations) with Mad and coping with Chumam coping and gate of 10 ft wide and 5 ft high with masonry pier of 3 ft square and 9 ft high of brick in Chumam complete	700		635		983	106	283 106
Isak Gate and masonry Pillars to complete			100		100		
Summers and Superintendence			16		56		16 56
Total	700		1100		400		
					400		
Branch Road Compensation for Land	180		180				
Loss of Materials	380		380				
Special Summers and Superintendence			105		105		
			605		605		
Grand Total	9460		12950		4066	31	57631
					3490	0-0	

Superintending Engineer
Bellare Office
15th May 1875.

With
Offg Superintending Engineer

Enclosure in a letter
No 16 dated 15th May 1935
from the Offg Deputy Engineer
to the Secretary to Government
P.W. Department.

111-125/6

Mr. 3415/75.
2

GP 8th July/75 & 1938

Comparative Statement
showing the difference between
the Original and Revised
Estimates for the constructing
a 2nd class Cutcherry, at
Tencatagerry sanctioned in
G.O. No 25397 17th Oct 1935

DOCUMENTS IN FILE.

From District Engineer— *Stellord*

1 Covering letter No. 16, date 15 May/75

1 Letter from Range Officer, No. , date

1 Detailed Estimate.

1 Abstract do.

1 Plan.

1 Specification Report.

1 Comparative Statement

From Office— *A. M. Chinnay* re.
Revised Estimate received by Mr. Smith
since 1935-74 & all orders thereon quoted.
Original sanction, No 2539, date 17 Oct 1935
for detailed estimate preparation.

Orders and Proceedings.	No.	Date.	Under P. W. D. G. O.	
			No.	Date.
P. W. Department	...		2539	17 Oct 1935
Public do.	...		2744	18 Nov 1935
			1514	25 Feb 1936
			795	23 Mar 1936
			721	15 Mar 1936
Revenue do.	{	604 18 June 1936	1500	30 Oct 1936
Financial do.	...		38	6 Nov 1936
Military do.	...			

No. II.—PARTICULARS FROM
ESTIMATES.

1875-76

Main Budget Head to which chargeable.

Provincial

Title and purpose of the work as given by
District Engineer. *2^d Class Salug Cutch.
- very at Benatagiri*

Original sanction for the preparation of the
detailed estimate. *E.O. No. 2539 of 17 Oct/73*

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

Amount of original detailed estimate. *Rs 9460*

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

E.O. No. 2539 of 17 Oct/73

Amount of revised estimate ... *Rs 12950*

Do. of original do. ... *9460*

Excess over . do. do. ... *3490*

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

Civil Buildings

Amount of current year's allotment ...

Do. expended in previous years *6134.12.7*

Total ... *6134.12.7*

Balance to be provided ... *6185.3.5*

Funds can be made available during the
current year. *No*

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

Brought forward as urgent.

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

Not stated

*Why does not the Budget
Department explain in which
sanctioning up a file of this work
the reason that no allotment
was made for this work during
the current year seeing that
it was completed in a former
year. Balance in estimate No. 10-3325.*

Belton District
Detailed Estimate

*Work Constructing Verandah round the Sub-Magistrate's
court room at Benkatagiri ordered in G.O. No. 795 of
23rd March 1874*

Detail of Work

Measurements
Length
Breadth
Height
Contents

<u>Foundations</u>				
Retaining Wall	1	133 $\frac{5}{8}$	2 $\frac{1}{2}$ 1 $\frac{1}{2}$	501 $\frac{3}{4}$
Total Cys of Rubble Stone in foundation				18 $\frac{3}{4}$
Concrete Levelling Course	1	133 $\frac{5}{8}$	1 $\frac{1}{2}$ $\frac{1}{4}$	50 $\frac{1}{4}$
Total Cys of Concrete				2
Basement Retaining Wall	1	133 $\frac{5}{8}$	1 $\frac{1}{2}$ 1 $\frac{1}{2}$	300 $\frac{3}{4}$
Total Cys of Brick in foundation				11 $\frac{1}{4}$
Flooring Brick ponedg. Verandah	1	108 $\frac{3}{4}$	49 $\frac{3}{4}$	521 $\frac{5}{8}$
Total squares of flooring with Brick ponedg.				5 $\frac{1}{4}$
<u>Roofing</u>				
Round the Court and Clerk's room except Porch	1	114 $\frac{1}{4}$	9 $\frac{1}{2}$	1085 $\frac{3}{8}$
Porch	1	10 $\frac{1}{2}$	7 $\frac{3}{4}$	81 $\frac{3}{8}$
Total square feet of Roofing or squares of do.				1166 $\frac{3}{8}$
Stones under Posts				19
<u>Wood work</u>				
Posts to Porch	2	7	0-6-0	6-3-6-0
Do	20	7	0-5-0	5-24-3-8

Bressumer including joints	129	0-5-0-5	22-4-9
Valley rafters to Poreh	2	14	0-3-0-6 3-6-0
Hip or Valley rafters	4	13 1/2	0-3-0-6 6-9-2
Rafter to Poreh means	12	4 1/4	0-2-0-3 2-1-6
Common Rafters	54	10 1/2	0-2-0-3 23-7-6
Jack do	46	5 1/2	0-2-0-3 10-0-9
Canoe board	47 1/2	0-2-1-6	11-11-3

Total Feet of Oak wood work 108-2-5

Oak wood for reapers 1/2 ft per square } $11 \frac{3}{4} \times 1 \frac{1}{2} = 17 \frac{5}{8}$

Painting

To all the exposed surfaces of wood work for Veranda & gutter squares	8.4.
3 Coats of Carson's Oak Colour	
Exterior flat & draw Running feet	26.
Inner Gutter do	29
Excavating foundations and filling in basement	
Superintendence & sundries	

Belton District Abstract Estimate

Work. Revised Estimate for constructing a 2nd class Salug Cutcherry, at Venkatagiri, sanctioned in G.O. No. 2539 of 17th October 1873.

Quantities

Description of Charges Rate & Amount Total

109	Cyans of Rubble Stone in Chunnam	4 43 464 15 3
"	Concrete Lining Course	36 8 4
274 1/4	Cyans of Brick in Chunnam	5 0 137 12 0
405	Feet of Arch work	0 38 88 9 6
"	Centering of do	45 3 6
94	Feet of Stone work	1 0 94 0
11.1	Squares of Flooring 8" Square bricks set diagonally over 3" of broken brick rubbish including pointing the floor with Chunnam complete	9 0 99 14 4
7	Squares of Flooring with 3/4" of Asphalt over 4" of Concrete in Chunnam with a substratum of brick rubbish 3" thick	24 4 0 169 12 0
36 1/2	Squares of Pointing Outside	3 0 109 8 0
67	Squares of Plastering inside with 1 Coat of Chunnam	1 12 0 117 4 0

67 Square of Colour washing 0 4 0 16 12 0
 39 1/2 Scaffolding with flat
 and pan tiles and Chumam 10 39 5 0
 boards etc complete
 358 Feet of Oak wood work
 including wastage 3 12 0 134 28 0
 59 1/4 Feet of Oak wood for
 reapers including
 wastage 3 12 0 222 3 0
 74 Sqrs of Painting both sides
 of doors and the exposed
 surfaces of the wood
 work of Catcherry and
 Prison wards with 3 coats
 of Carson's Oak colour
 336 Running feet of exterior
 flat drain 0 56 115 8 0
 137 1/2 Square feet of Oak wood
 battens railings in front
 and rear of the Police Guard 0 6 0 51 9 0
 30 Running feet of Chumam
 moulding work to the door
 of the Deputy Jailors room 0 2 0 3 12 0
 11 Pairs of doors 3 Panelled
 and 3 Venetian with
 fan lights hinges and
 bolts etc complete 60 0 0 660 0 0

2 Venetian Windows with
 Fan lights in front and
 rear of the Police Guard 40 0 0 80 0 0
 6 Doors inside iron barred
 and outside battens
 according to the standard
 design 4 x 7 1/2 with pas locks
 etc complete 75 0 0 450 0 0
 6 Iron barred Ventilators
 for Prison wards 4 x 2 11 0 0 66 0 0
 3 Iron work for 3 trusses
 of 16 feet span including
 iron king rod nuts,
 straps, bolts and fitting
 etc complete 12 0 0 36 0 0
 2 Iron work for 2 trusses of
 15 feet span including iron
 king rod nuts, straps, bolts
 and fitting etc complete 10 0 0 20 0 0
 1 Oak wood Ornamental
 board 10 0 0 10 0 0
 1 Strong iron Cage for
 Treasures 100 0 0 100 0 0
 10 Stones for resting Treasures 6 12 0 7 8 0
 41 Running feet of Zinc gutter 0 5 0 12 13 0
 Excavating foundations and
 filling in basement 90 0 0
 Superintendence & Cartage 430 0 1

Veranda as per separate
 Estimate 710.00
 Total 7915

Roofs shed.

24 $\frac{1}{2}$ Cys of Rubble Stone in
 Chumam 4.00 97 54

1 $\frac{1}{2}$ do of Concrete Levelling
 course 3.00 4 80

19 $\frac{1}{8}$ do of Brick in Chumam 440 81 46

1.4 squares of Honey Comb work
 with tiles 600 8 65

6 squares of flooring Brick on edge 900 54 00

11 do of Roofing with
 Palmyrah Coupler, 3 iron
 tie rods, reapers, rafter
 & reaper nails flat and
 fan tiles & Chumam boxes etc
 to complete 2880 313 80

33 $\frac{1}{4}$ C feet of Sakwood work
 including wastage 3120 124 110

10 $\frac{1}{2}$ Sqr of Pointing 300 31 80

12 Stones on tops of Pillars 100 12 00

Excavating foundations
 and filling in basement 1000 00 00

Superintendence & sundries 26 129

Total 764

Look Room
 14 Cys of Rubble Stone 400 56 00
 in Chumam

8 do of Concrete Levelling
 course 200 2 108

25 do of Brick in Chumam 440 106 40

1 $\frac{1}{2}$ Sqr of Flooring bricks
 on edge 900 13 80

4 $\frac{3}{4}$ do of Roofing with
 Palmyrah coupler,
 reapers, rafter and reaper
 nails flat and fan tiles
 and Chumam boxes etc
 complete 2780 130 100

13 $\frac{1}{4}$ C feet of Sakwood work
 including wastage 3120 49 110

5 Sqr of Plastering with
 1 Coat of Chumam 1120 8 120

6 $\frac{1}{4}$ do of Pointing 300 18 120

5 do of Whitewashing 0 26 1 16

2 Kitchen hearths 0 80 1 00

Excavating foundations
 and filling in basement 4000 00 00

Superintendence & sundries 17 10 10

Total 410 00

Patino for Establishment 10 seats

26 $\frac{1}{8}$ Cys of Rubble Stone in Chumam 400 106 80

1 1/4 Cyps of Concrete Levelling	3 00	5 40
Course		
26 do of Brick infurnam	4 40	110 80
7 Sgrs of Honey Comb work	6 00	42 00
3 do of Flooring bricks	9 00	27 00
on edge		
28 1/2 Cft of Oak wood work	3 12	106 40
including wastage		
9 1/2 Sgrs of Roofing with		
Palmrak Couples, rafters		
rafter & rafter nails, flat	27 80	261 40
and pan tiles and Chumam		
boards etc complete		
6 Sgrs of Plastering with		
1 Coat of Chumam	1 12	10 80
6 Sgrs of Whitewashing	0 36	1 50
8 1/2 do of Pointing	3 00	25 80
4 1/2 do of Asphalt flooring		
3/4 thick	19 80	87 120
12 Stones on tops of Pillars	1 00	12 00
6 Running feet of Zinc flashing	0 50	1 140
2 Wooden Covers for		
Cisterns with buckets	30 00	60 00
Excavating foundations		
& filling in		10 00
Superintendence & sundries		29 50
Total		897

Latrine & Prev over & waste

Cyp of Rubble Stone

Chumam

do of Concrete Levelling

Course

do of Brick infurnam

Sgrs of Honey Comb work

do of Flooring bricks

on edge

Cft of Oak wood work

including wastage

Sgrs of Roofing with

Palmrak couples, rafters

rafter & rafter nails, flat

and pan tiles and Chumam

boards etc complete

Sgrs of Plastering with

1 Coat of Chumam

do of Pointing

do of Whitewashing

do of Asphalt flooring

3/4 thick

Stones on tops of Pillars

Running feet of Zinc

flashing

Wooden covers for cistern

with buckets complete

Superintending Engineer
Bellevue
15th May 1875.
A/c

Wm. A. Smith
Offg. Superintending
Engineer
Bellevue

Full on District
Abstract Estimate.

Asst. Commr.
N.H. Constructing veranda around the Sub-Magistrate's
Court room at Benkatagiri ordered in G.O. No. 795 of
23rd March 1874.

Quantity	Description of Charges	Rate	Amount	Total
18 ² / ₃	Cy of Rubble stone in Chumam	4 00	74 10 8	
2	do of Concrete Scaffolding	3 00	16 00	
	Course			
11 ⁷ / ₈	do of Brick in Chumam	5 00	55 11 5	
5 ¹ / ₄	do of Flooring Brick	8 00	42 00	
	on edge			
11 ³ / ₄	do of Roofing with flat	10 00	117 80	
	and pan tiles and Chumam			
	barrers etc complete	1 00	19 00	
19	Stones under Pore			
108 ¹ / ₄	Cy of Teak wood work	3 12 00	405 15 00	
	including wastage	3 12 00	66 1 60	
17 ⁵ / ₈	do of do for repairs do			
8 1/4	Sqrs of Painting the exposed			
	surfaces of wood work	4 00	33 9 70	
	with 3 coats of Carson's			
	Oak Colour			
26	Running feet of Exterior	0 56	8 15 00	
	flat drain			
29	Running feet of zinc gutter	0 50	9 1 00	

Excavating foundations and filling in basements	20 00
Superintendence and carriage	41 7 10
<u>Total Super</u>	<u>910.</u>

Superintending Engineer's
Office
15th May 1875
Age

Smith
Offg. Superintending
Engineer

Franklin
Collector

M. 2415/75
908 July/75-12-1938

Superintending Engineer's Office
No. 16 Bellary 18th May 1875.
From R. Smith Esquire.
Offg. Superintending Engineer
To. Lieutenant Colonel J. Mullins Esq.
Offg. Secretary to Government
P. W. Department
Fort St. George.

enclosures
2

Sir, -
I have the honor to submit, for
sanction a revised Estimate, amounting
to Rs. 12900. for the 2nd class
cutcherry, now under construction, at
Pencatagherry. The original Estimate,
of Rs. 9460. for this cutcherry and
subsidiary buildings, was sanctioned
in G. O. No 2539 dated 17th October 1873.
From the accompanying Comparative
Statement, it will be observed that
the excess, Rs. 3490. is as follows.

On Butchery — ^{Rs.} 1565-...

On Ryots' Shed — 184-...

On Cook house — 130-...

On Latrine for
Establishment } 367-...

On Latrine for Prisoners 134-...

On Compound wall 400-...

On Materials — 105-...

Special Superintendence 605-...

Total Excess Rs. 3490-...

3. The excess on the main building, to the extent of Rs 788, is owing to the Verandahs ordered in G.O. No 795 dated 23 March 1874, and to the modifications in the Police guard room, directed in G.O. No 721 of 15th March 1875. The past unfavorable season for brickmaking, and for

not put in the file

* Rs. 97-15-0

building operations generally, caused increased expenditure, and accounts for Rs 319 of the balance of the excess. The masonry executed is, however, very satisfactory, and I have to add, that, for the quality, the revised rate is by no means excessive. The increase, under the item "archwork" is in consequence of the relieving arches, that were introduced to increase the stability of the structure, and to the circular archwork required in connection with the fanlights. These were made up for some other design, when the fitcheries were commenced in this District in 1869-70, and I thought it advisable to

utilize them, although the circumstance of their being in stock was overlooked when the estimate, now being worked out, was under preparation. The

above sums amount to Rs. 1205 of the difference between the original and revised estimates, for the main building, and by referring to the comparative statement it will be seen that, the balance of the excess, Rs. 360, is distributed over several items, and that the cause of the increase is fully explained.

4. The extra sums allowed, for the outhouses, in the accompanying estimate, are to admit of these being built according to the improved designs, sanctioned in G.O. No. 1014

dated 20th April 1874.

5. The excess on the compound wall, is principally owing to the additional space it was found desirable to enclose, and to a portion of the work having ^{been} destroyed by a high flood in the Venkatagerry river. A masonry compound wall would, of course, be preferable, but it could not be built for less than Rs 4000.

6. The item for Special Superintendence is absolutely necessary for this and the other Putecherries, under construction, as the Taluk Overseers cannot possibly devote much time to one work, without neglecting their general duties considerably.

27

7. Annexed are the details
regarding the past and proposed
expenditure.

Expenditure to end of 1874/75 - 6126-14-10

Allotment for 1875/76. —

Expenditure in this Year
upto 30th April 1875. — 7-13-9

Sum required for expenditure
from 1st May 1875 to 31st March 1876 — 6815-...

8. The return of the enclosures is
solicited

I have the honor to be,

Sir,

Your most Obedient Servant

[Signature]

Offg. Superintending Engineer

[Signature]

20:3712

Public Works Dept. 10
 1875
 Proceedings of the Madras Government
 Under date the

Read the following

From
 The offg. Supg. Engg. } (H.C. No. 16 of 15th May 1875)
 Nellore

The amount of
 the revised estimate for
 the 2nd Class Catching at
 Venecatagerry is made up
 of items the cost of which
 compare as shown below
 with the original estimate.

	Original Estimate Rs.	Revised Estimate Rs.
Main building	6,350	7,915
Pypts shed	580	764
Cook room	280	410
Establishment latrine	530	897
Prisoners latrine	460	594
Compound wall	700	1,100
Branch road	180	180
Compensation for land	380	380
Loss of materials	—	105
Special superintendence and sundries	—	605
Total	9,460	12,950

Net increase Rs 3,490.

17th Oct/73 No 269-270
 20th Oct/74 - 271-272
 6th Nov/75 - 38
 Nov No 219/224/73
 23rd 22/74 - 597-598
 17th Oct/74 - 289-290
 16th Feb/75 - 138
 23rd Nov/75 - 580-581
 10th Oct/75 - 72-73
 8th Oct/75 - 128-135
 16th Nov/74 - 422-422
 26th Aug/75 - 643-646
 19th Oct/75 - 644-644
 8th Nov/75 - 75-186
 1st Dec/75 - 187-187
 Nov No 289/6 Dec/75
 9th Nov/75
 22nd - 23rd 72

P. No. 1875-2241

The Offg. Supg. Engg.

Engineer of the Works

No. 3415

The Government

1875

For the 2nd Class

Catching at Venecatagerry

Revised 25th Oct/75

1875

for the 2nd Class

Catching at Venecatagerry

Revised 25th Oct/75

1875

for the 2nd Class

Catching at Venecatagerry

No. 1538-2-7-75

to the case No. 170.

2 The reefs on the main building which amounts to Rs 1505 is stated to be partly owing to the alterations in the details of the building sanctioned by Government and this is no doubt the case, but an examination of the comparative statement which accompanies the District Engineer's letter shows that under estimation of the rates and the omission of items the necessity for which might have been foreseen account for increase in the present estimate to the extent of Rupees 200.

3. The rates for the principal kinds of work in

in the two estimates were as follows.

	per	Original estimate Rs. & P.	Revised estimate Rs. & P.
Brick in Chumam	Cy?	4-0-0	5-0-0
do brick work in Chumam	C ft.	0-3-0	0-3-8
Brick flooring	square	8-0-0	9-0-0
Painting brick work	do.	3-4-0	3-0-0
Teak wood wrought and put up	C ft.	3-4-0	3-12-0
Painting	Sq.	3-12-0	4-0-0
Panel & Venetian door	each	50-0-0	60-0-0

The original estimate was prepared in October 1873 and it is stated by the District Engineer in his letter under reference, that the cost of skilled labour has increased in the interval. This assertion is not supported by the experience in other Districts, nor is it probable that there would be a marked change in so short a period of time. It is more likely that want of efficient superintendence and

And the slow rate of progress has enhanced the cost of all items of work.

4. The increase in the cost of the out houses amounts to Rs 815. These buildings have now been estimated for on the basis of the revised designs sanctioned in April 1874 and the excess is in a great measure accounted for by the changes authorized, but on the other hand the rates for work are higher and the observations already made in reference to the main buildings apply here also.

5. It is stated that the excess in the cost of the compound wall is partly owing to the enclosure
of

35 12
of a larger space than was originally intended and partly to the destruction of a portion of the work by a flood. The size of the enclosure required was apparently not sufficiently considered at first. It should have been explained what precautions were taken to prevent a recurrence of the destruction of the wall on the occasion of the next high flood in the river. The loss on materials it is observed was incurred on bricks purchased in 1870.

6. The charge of Rs 500 for special Superintendence

Superintendence and sundries cannot be admitted in such a form.

Petty Superintendence is admissible as a charge against a work, but the entry under that head and sundries should not as a rule exceed 5 per cent; and expenditure so large as that incurred for this work cannot be considered anything but unsatisfactory.

The amount of the revised estimate viz. Rs 12,950 is however accepted.

7. The Government are under the necessity of again noticing that the District Engineer's proceedings in regard

to

3/12 13

to this Catcherry have been calculated to create embarrassment when the question of the provision of funds for its completion had to be considered. In the first place the delay in the submission of the revised estimate seems to be hardly excusable and having withheld from the light that means of ascertaining that there would be a necessity for an allotment during the current year for the Catcherry, it was the more incumbent on the District Engineer to bring the fact to notice when

when forwarding his
Budget. He however
inserted therein as the
Amount required to com-
plete the building a sum
of Rs 499 only and con-
sequently the general
Budget provided no
specific allotment while
at the same time there
is no reserve. Under these
circumstances the provision
of funds must be post-
poned.

Done

40/3

Deling Nellore 5 Δ S C Bap
C. M. W. C. 4 S C Bap
R. 257-252 16-7-75
R. 257-252 16-7-75

