

(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.	3379	Press
B.P. No.		Mis.
Dated	12-12-195	C876

Not to be folded or roughly handled

Read the following papers :—

No. 280. From Captain R. R. E. BROCKMAN, R.E., District Engineer, Tanjore, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department—through the Examiner of Public Works Accounts—dated Tanjore, 2nd December 1876, No. 2,274.

I HAVE the honor to forward the accompanying comparative statement showing the work executed and that remaining to be done to the police guard-room and out-houses at Nunnium on the estimate of Rupees 2,060 sanctioned in G.O., No. 2,475, dated 28th July 1869.

2. The work was commenced in August 1869, and on the date of its stoppage under the restrictive orders of G.O., No. 4,015, dated 28th December 1869, an expenditure of Rupees 556-1-7 had been incurred on it. It was resumed in 1874-75, funds having been provided for it in G.O., No. 1,943, dated 20th July 1874, but as the design for latrine and cook-room, as provided for in the estimate, had been altered in the revised standard plan subsequently approved of in G.O., No. 1,014, dated 20th April 1874, a revised estimate in reference to the revised standard plan referred to was prepared under the orders of Colonel Roberts, R.E., the then Superintending Engineer, and was duly approved of by the Collector. As the revised estimate however amounted to Rupees 2,000, or Rupees 60 less than the original sanctioned estimate, and did not require any extra sanction, the work was authorized to be proceeded with accordingly.

3. The enclosed comparative statement has been prepared in reference to the revised estimate of Rupees 2,000. The total excess on this work when completed will amount to Rupees 234-9-4 as particularized below :—

Items.	Excess incurred.		
	RS.	A.	P.
Roofing, &c. ...	189	14	9
Sundries and Contingencies ...	45	7	0
Brick in chunam ...	21	8	0
Windows ...	20	0	0
Trifling excesses on other items ...	24	4	6
	301	2	3

Deducting from this—

The savings on certain items ... 6 8 11

and

The balance available from the sanctioned estimate of Rupees 2,060 ... 60 0 0

66 8 11

The further sum requiring sanction is ...

234 9 4

It should be mentioned here that when the work was resumed in 1874-75 the value of depreciation of materials collected in 1869 was estimated at Rupees 100, and was included in the revised estimate of Rupees 2,000, which would otherwise have amounted to only Rupees 1,900, and were it not for this loss on account of depreciation the actual excess over the sanctioned estimate of Rupees 2,060 would be only Rupees 134-9-4.

*Proceedings of the Madras Government, Public Works Department,
12th December 1876. No. 3,379.*

4. The excess on the item of roofing is due to the omission in the original estimate of provision for the removal and rebuilding of a portion of the sub-jail roof, rendered necessary by the addition of the police guard-room which has been built adjoining the sub-jail, and to alterations sanctioned by the District Engineer while the work was in progress in the roofing arrangement originally provided for in the estimate, and which rendered the use of extra timber necessary, vide items b, c, k, in the comparative statement.

5. The excess on sundries and contingencies has been incurred owing to the great length of time, nearly eight years, that the work has been in hand.

6. The excess on brick in chunam is due to certain work done for which provision had not been made in the original estimate.

7. The excess shown against the item of windows is the value of two of five windows made up and paid for in 1869, only three of the windows having been used on the work as per revised estimate of Rupees 2,000. The two extra windows will have to be brought into the stock accounts of the Range, and eventually charged off to any work on which they may be utilized.

8. The excesses on the other items are very trifling, and require no comment.

9. Under the explanations above afforded, I have the honor to solicit sanction to the sum of Rupees 235 required to complete the work, and the early allotment of the same as the work is at a stand for want of funds, the original grant of Rupees 2,060 having been fully worked up to.

No. 280-A. From the Examiner of P. W. Accounts, dated 7th December 1876.

No. 281. ORDER THEREON, 12th December 1876, No. 3,379.

CIVIL WORKS, No. 20.

(a) Heads of Service.—Provincial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Civil Buildings.
Sub-head.—E, Prisons Department.
Section.—iii, Lockups.
Name of Work.—Police Guard-room, &c., at Nunnilum.
Amount.—Rupees 2,295.
To be carried out by the Public Works Department.

SANCTIONED.

2. Funds will be provided hereafter by transfers of savings anticipated under other Police allotments.

3. This sanction has been registered as Provincial No. 200 W. of 1876-77.

(True Extract.)

Major-General, R.E.,

Secretary to Government.

To the District Engineer, Tanjore.
„ Examiner of Public Works Accounts.
„ Judicial Department.

Exd. S. T. Austin.

Spare Copies

(a) Heads of Service—*Provincial*

Fund. *Ordinary*

Class. *Original Works*

Main-head. *Civil Buildings*

Sub-head. *E. Prisons Department*

Section. *iii Lockups*

Name of Work. *Police guard room at Nunnilum*

Amount. *Rs 2295*

To be carried out by the *P. W.* Department.

Print in the margin of S.D. No 33790/12-12-76-

Bangalore District

Comparative Statement showing the Estimate and actual work done on Constructing Police Guard room at Munnikulam Estimate Re 2060 sanctioned in G.O. No. 2475 dated 28 July 1869.

Particulars of work.	Estimate			Actual work done up to end of September 1876			Work to be done			Total when Completed			Excess	Saving	Remarks.
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount			
Brickkilnhuman Ch. 2060 1/4	23	289	117	223 15/32	289	64511	37	223 15/32	223 15/32	37	21.80	223 15/32			The excess of 17 1/2 ft is owing to omissions in the Estimate and is accounted for as follows. 18 x 2 x 3/4 = 27 Rebuilding wall of jail wall. 2) 4 x 2 x 4 = 64 Closing up two windows. 2) 12 x 1 1/4 x 1/4 = 7 1/2 Rebuilding front wall and reconstructed verandah. 19 1/2 x 1 1/2 x 3 = 73 Gable of Croft wall. <u>171 1/2</u> 6 ft.
Plastering Sqft. 1211 1/2	28	30	49	1211 1/2	28	30	49	1211 1/2	28	30	49				
Asphalting	328 1/2	22	72	328 1/2	22	72	44	328 1/2	22	72	44				
Flooring	112 3/4	56	6	112 3/4	56	6	5	112 3/4	56	6	5				
Roofing	613 3/4	20	122	89	104	5	20	16 1/2	210	87	73				The excess of 432 1/2 is owing to omissions in the Estimate, and excess work done owing to change in roof. 2 x 13 x 12 1/2 = 325 portion of the sub-jail roof adjoining the Police Guard room which had to be taken off and rebuilt this was omitted in the Estimate. 10 7/8 Extra work owing to alteration in the Plan. <u>432 1/2</u>
Wood work Teak wood	66 1/2	312	256	29	84 61/576	4	93	340	103	84	76				This excess of work is owing to the change in the roof instead of couples as allowed in the Estimate a tie beam has been used with principal rafters, purlins &c.
One Teak wood battendoor	28	1	28	28	1	28	1	28	1	28	1				
Carried Over			805	7		889	1310			998	74	193	69		

Mysore District

Comparative Statement showing the Estimate and actual work done on Constructing Police Guard room at Munnikulam Estimate Rs 2000 Sanctioned in G.O. No. 2475 dated 28th July 1869.

Particulars of work	Estimate			Actual work done up to end of September 1876			Work to be done			Total when Completed			Excess	Savings	Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount			
Brought forward			805.7			889.10			108.96			998.74	193.69		
3 Pattern Windows	60	14.15	849.00	60	14.65	879.00				60	14.65	879.00	20.00		In the first Estimate sanctioned in 1869 five windows were allowed, the window frames with iron bars for these five were then constructed, in the revised Estimate only 3 windows are allowed & no allowance made for the other two window frames already done and paid for in April 1869.
Cut Stone Slabs	4	1.44	5.76	4	1.44	5.76				4	1.44	5.76			
Mud wall Gt-2436	3	38.1	114.3							3	38.1	114.3			
Tile coping	174	1.10	191.4							174	1.10	191.4			
Wood Oil			10.00			10.00						10.00			
Scaffolding			10.00			10.00						10.00			
Excavating foundation			5.00			9.00						9.00	4.00		This excess was paid for in 1869.
Ladders & Contingencies			42.50			87.75						87.75	45.75		This excess is due to the work having been in hand since 1869 the cost of superstructure was increased in consequence. The excess would not have been required had the work been carried out uninterrupted.
Rebuilding															
Verandah of Jail															
ward - Gtft			130.00			87.60						130.00	42.40		Owing to change in the roof of the Police Guard room a portion of the Verandah roof had to be taken off and reconstructed.
Carried Over			970.00			1081.93						1239.19	269.19		

Bangalore District

Comparative Statement showing the Estimate and actual work done on Constructing Police Guard room at Kunnihalli Estimate Rs 2000 Sanctioned in G.O. No. 2475 dated 28th July 1869.

Particulars of work	Estimate			Actual work done up to end of September 1870			Work to be done			Total when Completed			Excess	Savings	Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount			
Brought forward			970			1081 93			157 86			1239 19	269 19		
Demolishing old roof ing of full jail and portion of side wall of jail.						52						52	52		This was necessary (see remark b).
Wrought Iron for tie beams				5 1/4	2	7 26				5 1/4	2	7 26	7 26		This Iron was required for the iron rod straps, bolts, and nuts of truss
Total for Police Guard room 970						1093 139			157 86			1251 63	281 63		
Deterioration of Materials Collected in 1869			100			118						118	18		The excess of 18 Rs is owing to the change in the Plan of the roof which necessitated a great wastage in the wood which was brought & part of it cut up in 1869.
Brick masonry Cft 1079 1/2	23	151	126 779			225 108 3	300 2 1/4	40 10	1079 1/2	225 148 13 1/2		2 156			
Plastering and Coat 966 1 8	14	7 10				966 1 8	14 7 10	966 1 8	14 7 10						
Roofing comb tiles in hms 429 1/4 7 8	32	3 1				429 1/4 7 8	32 3 1	429 1/4 7 8	32 3 1						
Asphalting 278 3/8 22	61	3 10				278 3/8 22	61 3 10	278 3/8 22	61 3 10						
Roofing 560 21	117	9 7	560 20 14 3 1/2 117					560 20 14 3 1/2 117						97	
Breconmeters Country 16 2/3 2	33	5 4	16 2/3 1 44 7 5 31 14					16 2/3 1 44 7 5 31 14						17 1/4	
Lead flashing 70 3 13 2						70 3	13 2	70 3	13 2						
Carried Over			423 12 2			257 1			1680 9			418 11 9	5	5	

Tanjore District

Comparative Statement showing the Estimate and actual work done on Constructing Police Guard room at Annulim Estimate Rs 2060 Sanctioned in G.O. No. 2475 dated 28 July 1869.

Particulars of work	Estimate			Actual work done up to end of September 1876			Work to be done			Total when Completed			Excess	Saving	Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount			
Brought forward			423 12 2			257 1			161 10 9			418 11 9		5 5	
Cover for Cistern			8						8			8			
Bucket			5						5			5			
Excavating Foundation			2			3 6						3 6	1 6		
Sundries & Contingencies			21 3 10			21 9 10						21 9 10	6		
Total for Latrine			460			282 10			174 10 9			456 11 7	1 12	5 5	
Brickkiln Churn and Cfl	1172 ³⁵ / ₃₆	2 3	164 15 2	1172 ³⁵ / ₃₆	2 2 ¹ / ₂	163 7 9				1172 ³⁵ / ₃₆	2 2 ¹ / ₂	163 7 9		1 7 5	
Plastering one coat	654 ¹ / ₂	1 8	9 12 11			654 ¹ / ₂	1 8	9 12 11	654 ¹ / ₂	1 8	9 12 11				
Pointing	553 ¹ / ₂	2 8	13 13 4			553 ¹ / ₂	2 8	13 13 4	553 ¹ / ₂	2 8	13 13 4				
Honey Comb tiles in															
Churn	78 ³ / ₄	7 8	5 13 11			78 ³ / ₄	7 8	5 13 11	78 ³ / ₄	7 8	5 13 11				
Roofing	484 21		101 10 3	484 20	159 ¹ / ₂	101 9 2				484 20	159 ¹ / ₂	101 9 2		1 1	
Country Wood Cfl	12 2		24	12 2		24				12 2		24			
Tar painting	5 1 2		5 10			3 2						5 10			
Excavating Foundation and filling in			2			2						2			
Sundries and Contingencies			22 4 5			22 4 5						22 4 5			
Carried Over			350			316 7 4			32			348 7 6		1 8 6	

Tanjore District

Comparative Statement showing the Estimate and actual work done on Constructing Police Guard room at Munnikulam Estimate Rs 2000 sanctioned in G.O. No. 2475 dated 28th July 1869

Particulars of work	Estimate			Actual work done up to end of September 1876			Work to be done			Total when Completed			Excess	Saving	Remarks
	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount	Quantity	Rate	Amount			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Brought forward ——— 350 316 7 4 32 . 2 348 7 6 . . . 1 8 6

Total for Cook room ——— 350 316 7 4 32 . 2 348 7 6 . . . 1 8 6

Well ——— 120 111 13 6 8 . 26 120

Total ——— 2000 1922 5 5 372 5 11 2294 9 4 301 23 6 8 11

Deduct amount of Original Sanction — 2000

Excess requiring Sanction ——— 294 9 4

Add materials at site

20 Cft of Teak wood planks which can be used for any other work, as they are mostly small pieces they are valued at 1-4-0 per Cft. — 25-00

Asphalte ——— 88-10-0

50 Gallons of pounded chunam for plastering — 23-11-0

Total expenditure as per Progress Report — 2031 11-8

Melsonkumar
Captain P.E.
District Engineer Tanjore

District Engineer's Office
Tanjore 2nd Decr 1876

NR 111
6 12 18
ENC

P.W.D.
48 DEC 76
NR 5916

Enclosure in letter
from the District Engineer
concerning the Standard
to Government. No 27th
dated 23 December 1876

Comparative statement
showing the estimate and
actual cost done in
constructing Police
Guard room at Humilam
estimated Rs 2060 sanctioned
in G.O. No 2475 dated
28 July 1869. S

No. 2274

District Engineer's Office
Tanjore 2nd December 76

From

Captain R. R. E. Brockman M.E.
District Engineer Tanjore

To
Major General G. W. Walker M.E.
Secretary to Government.

Through the examiners of
P.W. accounts
Sir,

I have the honor to
forward the accompanying
Comparative statement showing
the work executed and that re-
maining to be done to the Police
Guard room and out houses
at Humilam, on the estimate of
Rupees 2060 sanctioned in G.O. No. 2475
dated 28 July 1869.

The work was commenced
in August 1869 and on the date
of its stoppage under the restrictive
orders

Orders of G.O. No. 4015, dated 28th December 1869, an expenditure of Rs. 556-1-7 had been incurred on it. It was resumed in 1874-75, funds having been provided for it in G.O. No. 1943, dated 20 July 1874, but as the Design for latrine and Cook room, as provided for in the Estimate had been altered in the revised standard plan subsequently approved of in G.O. No. 1014, dated 20 April 1874, a revised Estimate in reference to the revised standard plan referred to was prepared under the orders of Col. Roberts R.E. the then Superintending Engineer and was duly approved of by the Collector. As the revised Estimate however amounted to Rupees 2000 or Rs 60 less than the original Sanctioned Estimate and did not require any other sanction, the work was authorized to be proceeded with accordingly.

The enclosed comparative Statement

statement has been prepared in reference the revised Estimate of Rupees 2000. The total excess on this work when completed, will amount to Rs. 234-9-4 as particularized below.

Items	Excess incurred.
Roofing &c	Rs. 189-14-9
Lundries & contingencies	45-7-
Brick in Churnam	21-8-
Windows	20- " - "
Trifling excesses on other items	24-4-6
	<u>301-2-3</u>

Deducting from this
 The savings on certain items } 7-8-11
 and
 The balance available from the Sanctioned Estimate of Rupees 2000 } 60- " - "
66-8-11

The further sum requiring sanction is Rupees 234-9-4

It should be mentioned here that when the work was resumed in 1874-75 the value of depreciation of materials collected in 1869 was estimated at Rupees 100 and was included

included in the revised estimate of Rupees 2000 which would otherwise have amounted to only Rs. 1900 and were it not for this loss on account of depreciation, the actual excess over the sanctioned estimate of Rupees 2060 would be only Rupees 134-9-4

4 The excess on the item of roofing is due to the omission in the original estimate of provisions for the removal and rebuilding of a portion of the Sub Jail roof rendered necessary by the addition of the Police Guard Room which has been built adjoining the Sub Jail, and to alterations sanctioned by the District Engineer while the work was in progress in the roofing arrangement originally provided for in the estimate and which rendered the use of extra timber necessary, vide items b.c.d. in the comparative statement.

The

3
5. The excess on Sundries and Contingencies has been incurred owing to the great length of time, nearly 8 years, that the work has been in hand.

6 The excess on Brick in Chumam is due to certain work done for which provision had not been made in the original estimate.

7 The excess shown against the item of windows is the value of two of 5 windows made up & paid for in 1869, only three of the windows having been used on the work as per revised estimate of Rupees 2000. The two extra windows will have to be brought into the Stock Accounts of the Range and eventually charged off to any work on which they may be utilized.

8 The excesses on the other items are very trifling, and require no comment.

Under

I have the honor to be
Sir
Your most obedient servant
M. S. Mahan Captain U.S.
District Engineer

Donway-Jordan

COPY. 4 LK. G.E.P.

28-7-69 to 2475
 28-12-69 4015
 20-4-74 1014
 20-7-74 1943

NO. 6 12 78
 ENC 1

P.W.D.
 DEC 7 6
 NO. 2016

Forwards comparative
 statement showing
 work done on the
 Police and Town Trust
 houses at Namakkal
 & request sanction
 for Rs. 235 for the
 same work

Encl. 2 in Dec 1974
 Recd. 5

From
 The District
 The Secretary to
 the District
 No. 2074

No 280

Public Works Department.

No 3379

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 12 Dec 76
 Read the following:—

From
 The D.C. Tanjore (No. E. No. 2274 of 2nd Dec 76)
 For the District

Sanctioned.

2. Funds will be
 provided hereafter by
 transfers of savings anti-
 cipated under other Police
 allotments.

G.M.W.

This sanction has been
 registered as Provincial
 No. 200 W. of 1976-77-

H. Tanjore ✓
 R.P. W. Accts. ✓
 Pub. Dept. ✓

Attd. Secy - 20-

Aug 22-76

84/6

Govt. of 1876 Madras.

PUBLIC WORKS.

To

The N. C. Engineer

Dated

Issued

Recd.

Encl.

G. O. 12th Feb. 1876, No.

3379

Nos. 2 1/2

Revised Form De
Museum, and the
The revised Form De
2295 for construction the
enclosed

Sub to 11/10