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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	1527	(W)	Press
B.P. No.			Mis.
Dated	20-6-		1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
20th June 1876. No. 1,527.*

No. 324. Read the following letter from Lieutenant-Colonel R. F. OAKES, R.E.,
Superintending Engineer, Tanjore, to Major-General G. W. WALKER,
R.E., Secretary to Government, Public Works Department, dated Tanjore,
2nd June 1876, No. 1,019 :—

I HAVE the honor to inform you that on the 20th January last I inspected
the Taluq Cutcherry at Puttucotta in company with the Range Officer* and
Overseer,† because the former had
brought to my notice that the walls of the
main buildings had been carried up to the eaves, and that the wall plates of the court
and three other rooms of the building,
though taken credit for in the Overseer's
comparative statements ‡ according to the
dimensions allowed in the estimate, con-
sisted for the most part of small pieces of wood from 3 feet to 4 feet long, and 3
inches by 2 inches or 3 inches, and that the scantlings of some of the main rafters were
not of the dimensions allowed in the estimate, and also that the measurements of the
buildings generally given in the Overseer's
comparative statement did not correspond
with work actually carried out.

* Sub-Engineer Mooneappah Pillay.
† Ram Row.

Replies to questions, General Statement and
Data.

‡ D.

D.

2. As the Overseer for the most part pleaded ignorance of the method of
measuring work, &c., and of preparing comparative statements as his excuse for
compiling a statement which may be said to be false from first to last, and which
included wood, which had never been used, and which had been built in with a view
of concealing the fraud, I had the work actually done properly measured by the
Sub-Engineer, and, on receiving his report and measurements, I sent a number of
questions to the Overseer, and, on the receipt of his replies on the 4th April, I sus-
pended him, as they were not satisfactory.

3. The following is a brief history of the work :—

An estimate of Rupees 22,880 was sanctioned in G.O., No. 2,475, dated 28th July
1869, and the collection of materials was
G.O., No. 4,015, dated 28th December 1869. commenced in May 1869, and the work
was put a stop to in January 1870.

* A revised estimate of Rupees 21,240 omitting the Hospital shed was sanctioned in
G.O., No. 2,355, of 23rd September 1873, this included Rs. 1,350 for three lacs of
bricks which were reported to have been supplied, but which were not fit for use.

The addition of a verandah to the main building was sanctioned on 16th July
1874 at a cost of Rs. 1,840; thus the total
allotment amounted to Rs. 23,080.

No. 1,915.

4. It is difficult to compare the original estimate with the work as carried out,
because the original estimates for the
works noted in the margin provided for
mud walls, but advantage was taken of
the bricks which had been condemned to build the walls of brick in chunam, and
many of these bricks also appear to have been used in the foundations of the main
building; again, some errors were discovered in the original estimate, the most import-
ant of which consisted in providing
twice for the court walls, and in not

Cook-room.
Jail Latrine.
Public do.

See J.

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deducting the struts, &c., in submitting the second estimate which provided for the verandah. It would appear that these struts $3\frac{1}{2}$ feet long have been made use of instead of the wall plates provided in the estimate, and have been built into the walls.

5. The Range Officers and Overseers who have been in charge of the work are as follow :—

Range Officers.

• Date of commencement of work.

From 1st May 1873* to 4th March 1874,

Mr. W. F. Donaghue, Sub-Engineer.

From 4th March 1874 to 9th November 1874, Mr. J. A. Hamnett, Supervisor.

From 9th Nov. 1874 to 14th August 1875, Sub-Conductor C. J. Littlewood, do.

From 14th August 1875, N. Mooncappah Pillay, Sub-Engineer.

Overseers.

From 1st May to 31st July 1873, Mr. A. D'Silva, Sub-Overseer, 1st Grade.

From 20th September 1873 to February 1874, Mr. W. Moore, do.

From February 1874 to completion of work, Ram Row, Taluq Overseer.

6. The Overseer's comparative statement should show the work actually turned

D.

out and the rates at which the several portions of the work were executed; it does not

however do so, as will be observed on comparing it with statement $\frac{1}{6}$ prepared by the Sub-Engineer from his measurements, while columns 8 and 9 show the rate and amount at which the work ought to have been done according to the Sub-Engineer's

Vide X.

data, the actual excess however for which the Overseer should be held responsible is Rupees 2,232-0-5.

7. The Overseer is responsible for the excess on the main building which was but little above basement level when he assumed charge of it in February 1874, while the out-houses were almost completed with the exception of the tiling, and it is on the former that the excess has occurred.

8. From the Overseer's replies to the questions put to him, it will be observed

Enclosure B.

that he pleads ignorance as an excuse for the erroneous entries in his comparative

statement, and from his general statement it is clear that he grossly mismanaged the supply of tiles. It appears that while 320,000 pan-tiles were purchased or charged for, 223,255 were placed on the roofs of the main building and out-houses, thus showing a loss of 96,745, nearly 44 per cent. by breakage; while of the flat tiles 39,680 were used on the main building out of 58,250 supplied, showing a loss of 18,570, or 46 per cent.; hence the exorbitant prices for roofing under 'as executed' in $\frac{1}{6}$. It has also transpired during the inquiry that a Head Bricklayer and Head Carpenter were entertained on high salaries when there was nothing really for them to superintend; by mismanagement of this sort the cost of a work is soon run up, and it would perhaps be difficult to prove that the extra cost of the building was due to frauds on the part of the Overseer. But whatever else may be put down to, or be accounted for, by ignorance, it appears to be impossible to attribute to ignorance the building up of the walls to the caves, thus concealing the wall plates and taking credit for the wall plates as provided in the estimate, when much smaller scantlings and such as were utterly unfit for the work were actually used, and though the Overseer supposes he has satisfactorily accounted for all the wood entrusted to him in his exhibit A, it will be observed

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from memorandum Z that 128 $\frac{1}{2}$ cubic feet are actually not accounted for. If, then, the the Government determine to take legal proceedings against the Overseer, it would be well to confine them to the following matters :—

1st.—For making false entries in his comparative statement (D) relative to work actually done.

2nd.—For building in wall plates of certain rooms, thus hiding the wall plates, and for putting in small scantlings though taking credit for the scantlings provided in the estimate.

3rd.—For not being able to account for the wood supplied to him.

9. The Overseer's several statements have been commented upon in the memoranda attached to them; hence it appears to be unnecessary to refer to them in this letter; I would however call special attention to his reply to question 2 in which he brings forward the fact that in the jail building larger wall plates were put in than the estimate provides; this is true, but the excess of wood thereby put into the building is 7 $\frac{3}{4}$ cubic feet, while the deficiencies in the rest of the building amount to 253 $\frac{3}{4}$ cubic feet, the fact of the extra wood being put into the jail and then being brought forward ostentatiously, so far from inducing the supposition that the deficiencies in the wall plates elsewhere were overlooked through ignorance, point rather to the conclusion that the excess in the jail was put in as a blind with deliberation and forethought.

10. The Overseer's defence, if it can be so called, may be summed up in the following sentence:—He writes himself down a fool, to conceal the fact that he is a knave. He is, however, no fool; he is vain, voluble and plausible, and has a fair knowledge of English. He obtained a certificate of qualification as Overseer from the Civil Engineering College at Madras in 1865, and appears to have been employed in North Arcot for about a year chiefly on survey duties; he appears then to have resigned the appointment in the Department of Public Works, and to have been employed in the Police Department in South Arcot from 1865 to 1870, when he was transferred to Trichinopoly as third-class Inspector on 31st January; he was promoted to second-class Inspector on 10th March 1870; he was suspended on 20th January 1873 "for not having taken active steps in inquiring into a dacoity case committed within the limits of his division, and removing the station records of one station to another station, and arresting some wrong parties in the same case;" and the Inspector-General compelled him to send in his resignation, which was accepted from the date of his suspension. He afterwards practised as a Vakeel at Trichinopoly, and was appointed an Overseer in Tanjore by Major Mead. Until he joined this district in January 1874, he appears to have had only two months' experience as an Executive Agent, and that eight or nine years previously.

11. There is no doubt he is utterly unfit for the post of Overseer.

12. Though his written replies are so voluminous, he requested that he might be permitted to make further statements in person, and was granted an interview on the 26th April, when he tendered his resignation verbally; but I declined to accept it, pending the receipt of orders from Government; his object in resigning was to enable him to accept a post in the Police at Bangalore.

13. In conclusion, I think it is but fair to the Overseer to state that I am of opinion that Messrs. Hamnett and Littlewood, the Range Officers, from 4th March 1874

to 14th August 1875, are quite as much to blame as the Overseer for not having exercised proper supervision over the work, and for not having checked his proceedings. Mr. Littlewood in handing over the charge of the range to Sub-Engineer Mooneappah Pillay in August 1875 furnished a certificate for Rs. 23,768-10-10 for work done, while the expenditure as shown in $\frac{1}{6}$ up to date should have been only Rupees 23,721-7-11, though Rupees 663-7-1 were spent subsequently by the Overseer, the small difference between Mr. Littlewood's certificate and the final cost of the work is due to recoveries by sale of materials which were made after Mr. Littlewood left the range; hence it may be said that Mr. Littlewood endorsed or passed the Overseer's expenditure which in memorandum X is shown to be Rupees 2,232-0-5 in excess of what it ought to have been. It is not possible to determine whether the building in of the wall plates of the court-room, &c., was carried out before or after Mr. Littlewood assumed charge of the range; he states the work was done before he took charge, and produces his note book in corroboration of his statement, while his inspection report supposed to be prepared from his notes, has the following entry:—

"Court-house.—Trusses fixed in position; all rafters, purlins, reepers, and tiles (*sic*) remain to be executed;" this the Overseer informed me personally was the condition of the court-room when Mr. Littlewood assumed charge of the range.

With regard to his non-discovery that the scantlings of the timber in the roof of the court-room, &c., did not correspond with the estimate, though credited in the accounts as though they did, Mr. Littlewood states, "With regard to the measurements of work performed, I beg to state that on each occasion of my inspection of the work then under progress, I compared the quantity executed with the plan and estimate and satisfied myself that it was being satisfactorily carried out. I did not measure the whole of the wood work put up by my predecessor, but confined my attention to that under progress, relying upon them for the accuracy of the work performed under their superintendence."

All marginal comments not initialled R.F.O. are by the Sub-Engineer.

Enclosures.

- B. Questions with replies and marginal, &c., comments.
- $\frac{1}{1}$ Exhibit A with Register of Works attached.
- $\frac{1}{2}$ Memorandum on do.
- Z. Statement of Wood or $\frac{1}{7}$ revised.
- W. Letter from Overseer of 26th March 1876, with General Statement, and
- $\frac{1}{2}$ Roofing data.
- D. Overseer's Comparative Statement.
- $\frac{1}{1}$ Data by Sub-Engineer.
- $\frac{1}{6}$ Comparative Statement as per data.
- $\frac{1}{7}$ Teakwood Account.
- X. Memorandum by Superintending Engineer on $\frac{1}{1}$ and $\frac{1}{6}$.
- J. Statement of Omissions and Excesses in sanctioned estimate.

P.S.—Since writing the above a petition has been received from Overseer Ram Row stating that he does not now wish to resign his Overseership, and the enclosed

petition to Government has been received. A few marginal remarks have been made in the petition where they appeared to be necessary. The greater part of the petition is merely a repetition of what the Overseer has already said in his general statement, and which has been met or commented upon in the report now furnished.

No. 325.

ORDER THEREON, 20th June 1876, No. 1,527.

ESTABLISHMENT, No. 14.

HIS EXCELLENCY the Governor in Council is satisfied that the conclusion arrived at by the Superintending Engineer, Tanjore, after his careful and elaborate inquiry that Overseer Ram Row's failings and shortcomings were attributable to design and not to ignorance on his part, is correct. They are stated to have resulted in an excess charge of Rupees 2,232. The Overseer is undoubtedly unfit for his post; and will be dismissed not only from it, but from the Government service altogether; his antecedents in the Police Department having been most unsatisfactory. It is noted that Mr. Supervisor Littlewood is again involved in the irregularities of this case.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Tanjore.
" Examiner of Public Works Accounts.

Exd. E. C. Shunker.
Spare Copies

Statement Showing the difference of
Certain items in the Original sanctioned
Estimate of Lalug Cutchery Pullootta.

Description	Estimate	Excess	Defo.
Basement to Court Room ^{in Museum} Room , one side left out	284	"	284
Front wall of Court Room left out - <u>Superstructure</u>	"	"	542 1/4
- Side and end walls of Court Room twice allowed	5347 1/2	2673 3/4	"
1. Gable wall over the Jail wall facing to Covered way	"	"	61
Spiral turret	"	973 3/8	"
Excess in addition of the total	"	582	"
Difference in addition of the deduction of doors and windows	"	"	132
		4229 1/8	1020 7/8

Deduct less 1020 7/8

Net excess allowed in the Estimate 3209 cft. =
= Rs 451-4-3

Total quantity allowed in the Estimate 32064 1/2
Deduct excess 3209
28855 1/2

Work turned out as per measurements 29340

Work work

Turn Over -

X

used to find
d. m. 1
7. 3

wood work

$250 (4 1/8 \times 6 \times 2) = 12500$
 $246 (3 1/2 \times 3 \times 5) = 7740$
 $20240 \text{ or } 140 \frac{82}{104} \text{ cft.}$

$140 \frac{82}{104} \text{ cft. of wood @ } \$4.00 = \$562.76$

Total difference of brick in human and wood
 work as per above $\$1910.11$

Ho 4 Gauge of fuel
 Mammargood
 14th February 1876

J. C. Roscoe
 Civil Engineer

8.12.1903/96

Engine District

Mr. P. H. Hinge

Statement showing
the difference of estimate
in the original
contract and estimate
of P. H. Hinge
Catcher -

X

Memo on $\frac{1}{6}$ & $\frac{1}{10}$ -

The data by the Sub Engineer
are correctly prepared but for the
roofing it has been necessary to
revise the details because a suf-
ficient rate was not allowed
for teak wood and because actual
measurements show that the
quantities of tiles placed on the
roof exceeds the number allowed
in the data; while, that there has
been great loss & wastage by
breakage of tiles is clear from
the fact that the number supplied
would provide 2500 per square in-
stead of 1744 the average number
put in.

Though a 2 1/4 inch tile to have suf-
ficed for the brick work according
to the data it must be borne in
mind that at the commence-
ment of the work Mr. Donaghy
was not able to turn out a

Cubic

Main building	32895
Kitchen	1694
Roots shed	1464
Cook room	731
Oil house	1387
	38171
at 3 pie	576 - 6.9

542 - 8-7
124 - 4-2
125 - 7-11

	Overseas rates		Data	
Flooring	9	9	9 $\frac{7}{16}$ against 8	"
Roofing	32	2	8 $\frac{1}{3}$	"
Iron	"	4	2 $\frac{1}{8}$	"
			"	1.6

1554-11.11

The above excesses which are due to the Overseers mismanagement and neglect amount to Rs 2306. 5. 7 but savings have been effected on the following items _____ 19-14-9-

On doors Ventilators &c. however
Only the first 3 items however
can be credited to the Overseers as
the last were prepared & supplied
to him so that the total loss due
to the Overseers' bad supervision
may be put down at 2,232 - 11 - 5

W. F. Wakefield Col. R.E.
Superintendent Engineer San Jose

[Faint handwritten notes on the left page, mostly illegible.]

P. 4088/76
12

X

[Handwritten signature or initials at the bottom left.]

Pattucollah Sawing (Cutcherry) 13
Teakwood Accounts

Month & Date	Description	Quantity	Rate	Amount
1873	<u>Mr. Donaghy Sub Engineer</u>			
July 9	Teakwood logs	625		1295 6 7
Sept 22	do	500		922 8 "
	Cartage & labor			206 11 9
	Total	1125		2424 10 4
	Deduct quantity used for doors & windows	255		535 "
	Balance Cft	870		
	Deduct for wastage 10 per Cent	87		
	for sawing into scantlings Cft	783		1889 10 4
	Missing teakwood as reported to the District Engineer in letter No 172 of 11 Sept 73 - $69\frac{1}{4} = 167-2$			
	Reapers for 29 Squares of Roofing required for all out houses $63\frac{1}{2} = 153-4$			
	Scantlings used for all out houses $485\frac{3}{4} = 1172-4-6$			
	Deduct $618\frac{1}{2} = 1492-10-6$			1492 10 6
	Balance of Teakwood Cubic feet $164\frac{1}{2}$			396 15 10
	<u>Mr. Hannett Supervisor</u>			
1874	Teakwood scantlings Cft	248		904 8 "
March 31	(Main Building) Reapers - Cft $40\frac{3}{4} = 142-10$			
May 5	Teakwood scantlings - Cft	172 9/16		629 10 8
August 14	do	624 1/16		2351 10 4
Sept 14	Reapers (Main Building) Cft $75\frac{1}{2} = 340-2-8$			151 2 "
	Cartage & labor			
	Total $1135\frac{1}{16} = 482-12-8$			1209 1/2
	4433 4 10			
	<u>Mr. Littlewood Supervisor</u>			
1875	Teakwood scantlings Cft	48		170 15 3
Jan 26	Reapers Main Building Cft $76\frac{17}{24} = 275-3-11$			
	Teakwood scantlings Cft	190 187/576		679 11 4
	Reapers Main Building Cft $37 = 131-12-6$			
Aug 19	Teakwood scantlings bought by Messrs. Ram Ram	20 13 8 "		70 "
	Cartage & labor			168 1 6
	Carried over Total $227\frac{13}{24} = 887-13-1$			1468 7/16
				5522 10 9 1

P. 4033/76

I
7
Tayore District
No 4 Range

Patticottah Taluk (Cherry)

Teakwood

Data for different works

Quantity	Description	Rate	Per	Amount
Brick in Chumam work				
10000	Bricks including cartage — @	5 5 2	1000	5 5 2
5	Parabs of Chumam including cartage @	5 3	Parab	1 10 3
10	— of sand — — — @	7 1/2	—	7 11
2 1/2	Bricklayers — — — @	7	each	1 1 6
5	Chumam bearers — — — @	2	—	10
1/2	Man Cooly — — — @	3	—	1 6
2	Boys — — — @	1 9	—	3 6
				9 7 10
	Sundries — — —			2 2
	Total for 66 Cfts Rupees —			9 10
	For One Cft Brick in Chumam			2 4

Plastering 2 Coats				
2 1/2	Chumam Parabs — — — @	5 3	Parab	13 1/2
1	Cart load sand — — — @	4	each	4
2	Bricklayers — — — @	7	—	14
1/4	Man Cooly — — — @	3	—	9
1	Woman — — — @	2	—	2
1 3/4	Boys — — — @	1 9	—	3 3/4
				2 4 11/4
	Sundries — — —			1 3/4
	Total for one square Plastering 2 Coats			2 6

Buff Color Plastering				
1	Vine yellow ochre — — — @	2 6	lbs	2 6
2 1/2	Chumam parabs — — — @	5 3	Parab	13 1/2
1 1/8	Cart load sand — — — @	4	each	4 6
	Carried over — — —			1 4 1/2

Brought forward 1 4 1/2

21	Brick layers	@	7	each	14	4
1/2	Man Cool	@	3	so	1	6
11	Woman	@	2	so	2	
21	Boys	@	19	so	3	6
					2	9 1/2
						10 1/2

Sundries 10 1/2

Total for 1 Square Buff Color plastering 2 10

Flooring with 8" Square bricks over
brick jelly in chumam 3" thick

Brick jelly 3" thick in chumam

3	Cart loads jelly	@	5	each	15	
3 1/2	Parabs Chumam	@	53	so	15	9
1/2	Cart load sand	@	4	so	2	
1 1/2	Bricklayers	@	7	so	10	6
3/4	Man Cool	@	3	so	2	3
3 1/2	Boys	@	19	so	5	3
					3	2 9

also 8" Square in chumam

230 1/2	Bricks 8" Square	@	7	1000	1	9 9
3 1/2	Parabs of Chumam	@	53	Parab	1	2 4 1/2
2 1/2	Cart loads sand	@	4	each	8	
1 3/4	Bricklayers	@	7	so	12	3
1/2	Man Cool	@	3	so	1	6
4 1/2	Boys	@	19	so	7	10 1/2
					4	9 9

Total of the 2 items 7 12 6

Sundries 3 6

Total for 1 Square of flooring with 8" Square
bricks over 3" brick jelly in chumam 8

Roofing with teakwood reapers
nails, flat & pan tiles -

1 1/2	Brick layers	@	7	each	10	6
3/4	Man Cool	@	3	so	2	3
3 1/2	Boys	@	19	so	6	1 1/2
500	Thin flat tiles including Cartage	@	3 12	1000	1	14
1500	Thin tiles including Cartage	@	4 6	1000	7	6 9
2	Parabs of Chumam	@	53	Parab	10	6
7/8	Cart load sand	@	4	each	3	6
220	Reaper Teakwood reapers including Cartage				18	15 2 1/2
24	Rafter nails				1	1
105	Reaper so				1	3 3
1	Carpenter	@	7	each	7	
1/2	Man Cool	@	3	so	1	6
					22	3 10

Sundries 4 2

Total for 1 Square Roofing with teakwood reapers
nails, flat & pan tiles 22 8

Roofing with teakwood reapers 2 1/2
nails & pan tiles only

3/4	Brick layers	@	7	each	5	3
3/8	Man Cool	@	3	so	1	1 1/2
1 1/2	Boys	@	19	so	2	7 1/2
1500	Thin tiles including Cartage	@	4 6	1000	8	1 9
210	Reaper Teakwood reapers including Cartage				6	15 6 1/2
24	Rafter nails				1	3 3
105	Reaper so				1	3 3
1	Carpenter	@	7	each	7	
1/2	Man Cool	@	3	so	1	6
					15	4 3 1/2
					10	6 5 1/2

Sundries 10 12 1/2

Total for 1 Square Roofing with teakwood reapers 2 1/2, nails & pan tiles only 15 8

E. J. [Signature]

A. Pooner & Co.
Sub Engineer West Range

P. 4038/76
9.11

Centennial July
celebrary

Order for different
works

1

... ..

Bricks in chunam	lft	36468	2	3	5	12	6	1	32	8	9	5	20	5855	2	1	2	7	53	12	13	1	54287	
Plastering	Syft	12123	2			24	2	7	7	12	9	0	5	3	54	430	12	2	6	30	6	7	10	12442
3 rd Buff Color to exterior walls																								
Light bath stone washing																								
Pointing		121422	11	9																				25911
Dental cornice. Rft		84283	1																					
Cornice		7283	4																					
Flooring with 8" square bricks	Syft	4846	6	2																				
Do with Asphalt over		756	25																					
Terrace with bricks on edge	Syft	719	4	27																				
Roofing with Teak wood	reft	8716	3	22																				
Teak wood		1389	2	4																				
Draw		219																						
Shower work	Syft	34	2	29																				
Doors and Windows	Syft	844	1	12																				
Pannelled Door (3 3/4 x 7 1/2)																								
Record room doors with iron bar																								
Do (2 1/2 x 4)																								
Ventilator in																								
Iron windows with wooden frames																								
Sprong barred doors with frames																								
Ventilator with frames																								
Railing for open space																								

* Savings not so dictated as for the said has not been credited to the class savings account in the same manner. X. regarding coordination of

Bricks in chunam	lft 1058 5/8	23	148	13	11	1464	29 1/4	253	72	24	213	8	39	152
Plastering	3 y ft						1020	6	45 1/2	64	6	26	24	37
Teak wood	lft 151 175/288	4	606	6	11	157 151/288	2	6	11 1/8	408	6	408	6	39
Roofing with Teak wood reapers	1075 22	215	10 3/4	22	8 1/8	241 13 1/2	18 1/2	201	9	166	10	55	75	51
limestone slabs under fresh	12	18	18	12	1	12	12	12	12	12	12	12	12	12
Round bar Iron	lts						16	16	16	16	16	16	16	16
Wood oiling		10	10	10	10	10	9	15	9	15	9	15	9	15
Scaffolding		10	10	10	10	10	10	10	10	10	10	10	10	10
Honey Comb Bricks work							224	7	38	16	33	16	33	16
Excavating & Sundries		31	112	14	66	14	66	14	66	14	66	14	66	14
		1040					1036	6	880	14	10	1035	5	155

Bricks in chunam	lft 202 1/2	23	28	77	731	26 1/2	116	22	24	106	98	9	86
Iron works	Cyd	31	4	7	12								
Plastering	3 y ft	675 1/2	9	3	129	6 3/4	28	16	14	26	16	6	136
Teak wood	lft 89 1/4	4	357	91 13/36	26 11 1/2	221	139	221	139				
limestone Slabs	lts	10	18	15	10	1	10	10	10	10	10	10	10
Roofing with Teak wood reapers	437 22	96	23	437	23	9 5/8	106	18 1/2	51	15	24	35	54
Wood oiling		15	15	15	15	15	7	4	7	4	7	4	7
Scaffolding		8	8	8	8	8	8	8	8	8	8	8	8
Excavating & Sundries		18	135	11	11	11	11	11	11	11	11	11	11
		550					475	14	430	28	45	114	

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— Earl K. Linn

Bricks in churnam	6 ft 3 1/4 p.	23	52	107	1387	26 3/4	120	106	24	202	44	1862
Mud works	Cyd	36 7/8	4	9	22							
Plastering	sq ft	780	43	2								
Plastering	sq	780			107	5	26	26	18	85	13	511
Sphalting		277	20	55	64	277	206	56	7	56	7	
Teak wood		89 1/4	4	357	91 17/36	2	610 1/4	322	31	222	31	
Buttstone Slabs	No	9	18	13	8	9	1	9		9		
Roofing with Teak wood		520	22	114	65	520	27	89	145	1812	978	62102
Roofing with Teak wood	keepers & 3									978	97	17107
Wood oiling				15				13	15	13	15	
Scaffolding				10								
Excavating & Sundries				18	114			4	116	4	116	
Sinking a well				650				675	54	607	1011	135118154
Wedging				100				49	8	49	8	
Compensation for land				58	8			22	86	22	86	
				361	8			361	8	361	8	
				520				133	26	133	26	
Cost of 3 loas condemned				1350				872	15	872	15	
Materials at site								144	115	144	115	
Total				1870				1450	54	1450	54	
Please turn over for abstract of the foregoing												

Main Building with Veranda 17900
Public Latrine 1070
Pyot Shed 1040
Cook Room 550
Jail Latrine 650
Condensed bricks cost of 1350
Sundries 520

23080

Materials at site

6 Barrels of Asphalte
2 Ventilators
1500 Flat Tiles
400 Pan Tiles
Peeper Nails
Sundry pieces of wood

8957 147 . . . 15853 99 . . . 32404 10 ✓
30984 10 ✓
132 10 2 . . . 911 39 16 . . . 5236 134 ✓
1636 10 6 . . . 880 1410 . . . 109 0 8 ✓
155 1 2 ✓
475 14 0 . . . 430 28 . . . 45 11 4 ✓
675 54 . . . 607 10 11 13 5 11 81 4 ✓
872 15 . . . 872 15 . . . 5 15 1 ✓
433 86 . . . 433 86 . . . 81 4 ✓

23576 126 . . . 19989 310 29 64 36 16 15 ✓
91 35 . . . 91 35 . . . ✓
36 . . . 36 . . . ✓
7 8 . . . 7 8 . . . ✓
2 32 . . . 2 32 . . . ✓
2 12 10 . . . 2 12 10 . . . ✓
5 . . . 5 . . . ✓
23721 7 11 . . . 20133 153 29 64 36 16 15 ✓

Planet Survey 29 64
Camp a few (2000 3387)

Maner good
14th February 1876
E. H. W. S.
H. C.

H. Boonsee & Bell
Sub Engineer in charge the 4th Range in a

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No. 4 or Manary road Range.
 Achery at Pueblo cattle prepared according to the
 R done.

Amount	Rate	Amount	Savings	Excess
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7		10		11
				12

31

prepared according to the
 Date struck with regard
 to quantities of work done

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Channarayana District

A. H. Ranga

P. H. 4033/76

9 7

Director of Public Works Department

Comparative Statement

N^o 1524

Public Works Department.

33

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 20th June 1876-

Read the following:-

From
The Supy. Engr.
Bangalore

Direct the Engr.

his inclosure

(H. E. No. 1019 d/2nd June/76)

His Excellency the
Governor in Council
is satisfied that the
conclusion arrived
at by the Superintend-
ing Engineer Bangalore,
after his careful and
elaborate inquiry,
that Overseer Ram
Kao's failings and
shortcomings were
attributable to design
and not to ignorance
on his part, is correct.
They are stated to
have resulted in an
excess

except Charge of Rs 2232

The Officer is undoubtedly unfit for his post; and will be dismissed not only from it, but from the Government Service altogether; his antecedents in the Police Department having been most unsatisfactory. It is noted that Mr. Supervisor Littlewood is again involved in the irregularities of this case.

Referred to Mr. P. W. Holt
England dated 8 May 17 1777
Oct 12-83-77

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Govt. of 1876: Madrid
PUBLIC WORKS.

Mr. D. B. Langue

Date

Received

By

Per

Madrid 1876, No. 1327

Nos. 324-325

Endorsed by
11-21-76

Mr. P. W. Holt

Mr. B. - Director

Minister of -

Government carries
the enactment of
the Law of 1876 in
accordance with the decree
of the Cortes.
Sincerely -