

(1) Number of pages _____

(2) Date of report _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1299	Press Mis.
201.		
Dated	12-11-18	1871.

Not to be folded or roughly handled

Office of the Controller of
Public Works Accounts
Madras 24th April 1871.

No. 191
From,
The Controller of P. W. Accounts,
To,
The Secretary to Government,
Public Works Department,
Fort Saint George.
Sir,

In pursuance of the
orders communicated in Para
31 of the Order of the 15th
December 1870, No. 3044, I have
the honor to submit, for the
consideration of Government,
Statements shewing
(1.) The Petty Establishments
(Imperial) proposed to
be employed in the several
Ranges in 1871-72.

The

(2) The Establishments (Temporary) required for general purposes.

(3) The Establishments required for employment on Imperial Survey duties.

2. The Statements due from the 1st Division have not yet been received, notwithstanding the two reminders sent, one on the 28th March 1871, and the other on the 20th Instant, nor has any explanation been afforded of the cause of the delay. As regards the Statement of Petty Establishment, which is incomplete so far as the 1st Division and the Province of Wynnad are concerned

2.
concerned, Major Kennedy, in explanation of the non-submission of the Return required by Government for the Ranges under his control, writes as follows:-

"No allotment having yet been made for Petty Establishment for Wynnad, I am not in a position to send in a Statement which shall show how I propose to distribute the same."

3. I have referred Major Kennedy to Para 31 of the orders quoted in Para 1 above, and have informed him that the Government appear to have intentionally refrained from

from making any distribution of the Budget grant for "Petty Establishments" (Imperial), and to have left it to Superintending Engineers to apply for such establishments as were absolutely indispensable. With reference to the greatly reduced allotments for works for the current official year - As soon as Major Kennedy's Statement is received in this Office, it will be laid before Government.

Turning now to the details of the accompanying Statements, I have the honor to offer the following observations.

Gangain — Rs 1500
 Vizagapatnam — 1788
 Godavery — 1638
 Wynaad — 6927
11853.

3
 6
 observations. —
 Petty Establishment
 Subjoined is an abstract of the grants for the past, and the demands for the current year in all Districts, save those in the 1st Division and the Wynaad, the allotments for which for 1870 were as noted in the margin.

Districts	Grants for 1870-71	Demands for 1871-72	Less than 1870-71	More than 1870-71
	Rs.	Rs.	Rs.	Rs.
2 ^d Division { Krishna —	2416	2472		
Kelore —	1318	1290		
3 ^d Bellary { Bellary —	3600	4290		
Cuddapah —	2160	1800		
Flintnool —	1800	1170		
Presidency —	1857	1857		
4 th Division { Chingleput —	5550	4536		
North Arcot —	1757	1680		
South Arcot —	1710	3420		
5 th Division { Salem —	870	1740		
Bangalore —	1440	720		
6 th Division { Tanjore —	3000	3000		
Trichinopoly —	2874	2894		
7 th Division { Velgherrie —	1440	2040		
Coimbatore —	810	372		
Malabar —	1170	720		
Canara —	630			
8 th Division { Malabar —	1428	1740		
Trinnevely —	336			
Total —	36176	36041	2015	1380

6 It will be seen from this Statement that taking the totals as above, the net reduction proposed to be effected amounts only to Rupees 135. The great increase in the 5th Division is explained in the enclosed letter from the Superintending Engineer, which is submitted for orders. There is, no doubt, great force in the reasons urged by Colonel Poileau for a more efficient Petty Establishment than was maintained last year, but the fact still remains, that the expenditure on public works is supervised in neighbouring Districts by a smaller establishment

establishment than he has applied for. In the North Arcot District, for example, a Petty Establishment costing Rupees 1,680, is budgetted for by the Superintending Engineer of the 4th Division, while the Superintending Engineer of the 5th Division asks for an establishment costing Rupees 3,420 for South Arcot. The current year's grants for these two Districts, as given in Para 54 of G.O. of the 15th December last, are as under.

North Arcot	3,587.35
South Arcot	4,03,247

The increase of Rupees 44,512 in South Arcot may be said to be due entirely to the exceptional

(exceptional grant of one lac of Rupees from "Borrowed Capital" for the Palan dorai Circuit Project.

7. Taking the total given Rs. 36,041 in the foregoing Statement under "Demands for 1871-72", and adding to it for the sake of comparison, the grants for the past year for the four Districts the Statements for which are still due, the grand total amounts to Rupees 47,894, which is less than the Budget Provision for the current year by Rupees 2,106.

* Rs. 11,853 as per margin of Para 5.

50,000

Temporary Establishments for general purposes.

8. Distriah - The Establishment entered against the name of

officer Mr. Supervisor Carlier will not, it is presumed, be maintained for the period during which he may be engaged on survey duties.

9. Cuddapah - Mr. Sub Engineer Bance having been granted leave on medical certificate for six months, this establishment does not seem to be at present necessary, no subordinate having been appointed to the District in succession to Mr. Bance. The Statement provides for the cost of the establishment for a period of eight months.

10. Presidency - It is not clear why an Establishment is required

required at the Presidency for the Extra Overseer, when that Subordinate is doing duty in the Range of the Chingleput District.

11. Chingleput - Pay is provided for one month in the current official year for the draftsman authorized to be employed under Mr. Executive Engineer Leggatt in G.O. of the 11th March 1871, No. 734.

12. Chingleput - Mr. Sub Engineer Smither having recently been transferred from the East Coast Canal Range to the Water Works Range of the Chingleput District, the Establishment of Rupees 27 per mensem provided for him

Per mensem
North Coast - Mr. Overseer Bieby - Rs. 27
Neilgherries - Executive Engineer
Lawrence Asylum Works - Rs. 51. 8
- do - for watching Stonehouse and Howarth House - Rs. 16. 8

in the establishment will not probably be required after the 30th Instant. It will, therefore be sufficient to provide for the salaries of that establishment for a period of two months.

13. North Arcot and Neilgherries.

The charges, as per margin, are new, but in support of the latter, the Acting Superintending Engineer quotes G.O. Nos. 1434, 1442 and 1867, dated 27th May 1865, and 3rd May and 18th June 1869, respectively.

Seeing that there is no separate officer now employed in the special executive charge of the Lawrence Asylum Works, as was the case when the establishment cost Rs. 31 per

per mensem was sanctioned,
and that nothing was paid
last year, either for that es-
tablishment, or for the Watchers
at the Stonehouse and Norwood
properties, it is for Govern-
ment to decide whether the
extra expenditure proposed by
Colonel Farewell should be
incurred in 1871-72. One of the
Overseers employed in the Neil-
gherry Range, and Mr Overseer
Beely in North Arcot are
without any office establish-
ment, and as some aid in
this respect would seem to
be necessary, the Government
may perhaps be disposed
to sanction the employment
of

7 13
of the usual minor establishment
(costing Rupees 27) in each of
these cases.

✓ 14. Tanjore - Mr. Supervisor Walton
is now in temporary charge of
No. 3 Range, and the Super-
intending Engineer reports that
the establishment provided
for him will not be required
till the services of an officer
are available for his relief.

✓ 15. Malabar - There being no
Executive Agent of the Public
Works Department now at
Cochin, the necessity for the
establishment of Rupees 27 per
mensem is not apparent.

✓ 16. Wynad - An additional
charge of Rupees 42 for 4 Lasas
is included in the establish-
ment for this Province. There
being

being no lasears attached to the
Special Executive Engineer's Office,
or to the Vythery Range, great
inconvenience was felt, and
Major Kennedy was compelled
to transfer a Lasear from each
of the other Ranges in the
Wynaad. This arrangement
has not been found to work
satisfactorily, and the other
Range Officers (in North and
South Wynaad) have had
considerable difficulty in
managing with the reduced
number. The entertainment
of the four lasears proposed
for Major Kennedy's charge
seems therefore to be abso-
lutely necessary. It is
submitted that the
Survey

11. Survey Establishments. 17
17. In Para 12 of their Pro-
ceedings recorded in G.O. of the
28th March 1871, No. 913, the
Government of India expressed
their willingness to sanction
the debit to Loan Funds of
the cost of such Survey Estab-
lishments as may be proved
to be employed on maturing
irrigational projects that are
likely to be classed as extra-
ordinary. The Chief Engineer
for Irrigation was thereupon
requested to submit a state-
ment of the details of those
Establishments, and to ex-
plain the grounds on which
it is anticipated that the
projects will be undertaken
from

from Borrowed Capital. It is not known in this office whether the required Return has been furnished, and the matter is alluded to here in order to the Statement of Survey Establishments accompanying this letter being considered in connection with the orders of the Government of India above quoted.

Under G.O. No. 1390, dated 28th April 1869, the charge for the Sasear proposed to be employed in connection with the Kaddipully Channel, ~~and~~ in the Coimbatore District should be treated as a "Minor Work", and

and be provided for from the grant for Minor New Works under "Agricultural" at the disposal of the Superintending Engineer of the 7th Division.

19. Taking the totals of the Statements (as submitted) of Temporary Establishments for general purposes, and of Establishments for Survey duties, and comparing them with the Budget provision for "Temporary Establishments" there is a balance of Rupees 15,963, which will be available for the Establishments that may be shown to be required in the 1st Division, and for such

Rs. 13,756

Rs. 20,281

Rs. 50,000

other

other establishments as may be found to be necessary during the year: 1871-72.

I have only to add, in conclusion, that the Superintending Engineer of the 8th Division entered the temporary establishment of Rupees 955 appearing against the Madras District under the head "For general purposes". I have, however, inserted it in the Return of Survey Establishments, subject to such orders as Government may see fit to pass.

I have the honor to be, Sir,
Your most obedient servant,

Wm. J. Davis
Controller of P.W. Accounts.

N^o 1
Statement of Imperial Survey Establishment
required during the year 1871-72.

District	Range	Annual cost	Total	Grand Total
1 st Division - Not yet received.				
Mistnas	1. Pappully Range	180		
	2. Banpella	108		
	3. Guntoor	372		
	4. Taseer for one month	6		
	4. Palnauk Range	492		
	5. Nundigam	360		
	6. Begoorah	708		
	7. Madulipatam	246	2472	
Nellore	1. Nellore Range	432		
	2. Beentah	168		
	3. Westim	390		
	4. Northam	300	1290	3762
Bellary	1. Bellary Range	1230		
	2. Hoofelt	1800		

District	Range	Annual Cost	Total	Grand Total
Bellary	No 3 Raidhoog Range	360		
	No 4 Gooty	300		
	No 5 Anantapur	300		
	No 6 Pennacandal	300	4290	
Buddapah	No 1 Paddatone Range	540		
	No 2 Buddapah	540		
	No 3 Fullumpet	360		
	No 4 Madanapally	360	1800	
Kurnool	No 1 Kurnool Range	750		
	No 2 Nundial	360		
	No 3 Bunnur	360	1470	7560
Presidency	No 1 Presidency		1857	
Chingleput	No 1 Serabone Range	360		
	No 2 Mount	2046		
	No 3 Ponnammallur	720		
	No 4 Chingleput	330		
	No 5 East Coast Canal	450		
	No 6 Madras Water Works	420		
	No 7 Chenchai	210	4536	
North Arcot	No 1 Wallajah Range	240		
	No 2 Chendragherry	210		
	No 3 Chittoor	420		
	No 4 Villone	210		
	No 5 Palur	600	1680	8073
South Arcot	No 1 Buddalore Range	630		
	No 2 Tiruvannam	840	630	840

Rs 4500 debited
to Madras Public Works
Account

District	Range	Annual Cost	Total	Grand Total
South Arcot	No 3 Calicut Range	630		
	No 4 Virudachellur	840	2560	
Salur	No 1 Salur Range	630		
	No 2 Sowson	840	1300	
	No 3 Tappalare	400	1740	
Bangalore	Bangalore		720	4580
Tanjore	No 1 Tanjore Range	456		
	No 2 Combarum	558		
	No 3 Mayavaram	426		
	No 4 Neglapatam	612		
	No 5 Muthuragudiy	468		
	No 6 Munnikulam	480	3000	
Trichinopoly	No 1 Trichinopoly Range	1598		
	No 2 Muvattur	612		
	No 3 Tuppoo	342		
	No 4 Tuli Talay	342	2894	5894
Nilghevies	Nilghevies	2040	2040	
Coimbatore	Coimbatore	372	372	
Malabar	Calicut		720	3132
Madurai	No 1 Madurai Range	84		
	No 2 Tiruigal	"		
	No 3 Shemangudi	"		
	No 4 Pannikulam	1656	1740	1740
Total			36041	36741

Officer of the Controller of
Public Works Accounts
Madras, 24 April 1871

Controller of Public Works Accounts

District	Officer under whom the Establishment are to be employed.	Particulars of Establishment	Cost per annum	Cost per annum	Total
Presidency	Consulting Architect	Draftsman 60 2 do @ 20 40 1 Writer 30 1 Ministry 30 2 Lascars @ 6 12	172	2,064	
Chingleput	Mr Leggat Executive Engineer	1 Draftsman 40	40		
"	Mr Sub Engineer Smiller	1 Writer 16 2 Lascars @ 6 12	27	324	
"	Extra Overseer	do 27		324	
"	Mr Assistant Engineer Lowry	1 Accountant 40 1 Writer 20 3 Lascars @ 7 21	81	972	
North Arcot	Mr Overseer Subij	1 Writer 16 2 Lascars @ 6 12	27	324	4421
Tanjore	Mr Supervisor Walton	do 27		324	
"	do Littlewoods	do 27		324	
"	do Stevens	do 27		324	
"	Extra Overseer	do 27		324	
Tuchunopoly	do	do 27		324	1620
Neelgherry	Executive Agent Lawrence	1 Accountant and Daylun Waria Writer 30 3 Lascars @ 7 21	51	#612	
"	To watch Storehouse and Nonwork House	2 Lascars @ 8 16	192		
Combatore	Extra Overseer	1 Writer 16 2 Lascars @ 6 12	27	324	

District	Officer under whom the Establishment are to be employed	Particulars of Establishment	Cost per annum	Cost per annum	Total	Authority
Malabar	Extra Overseer	1 Writer 15 2 Lascars @ 6 12	27	324		GO No 813, dated 18 th March 1870
"	Executive Agent Kochin	do 27	#324			GO No 3006, dated 12 Decr 1870
Canara	Extra Overseer	do 27	324		2,100	GO No 813, dated 18 th March 1870
Coimbatore	Special Executive Engineer & Head Clerk and Accountant	1 Draftsman 80 1 Clerk 40 1 Copyist 30 4 Lascars @ 6 12	292	3,504	3,504	
	Total			3,504	13,486	

Office of the Controller of Public Works Accounts
 Madras, 24 April 1871
 Controller of Public Works Accounts.
 S. Hoell
 * Vide Para 24 of the Order on this Staff
 & Vide Para 5 of — do — do —
 # Vide Para 4 of — do — do —
 To the

N^o 3

Statement of Temporary Survey Establishment

required during the year 1871-72.

District	Officers under whom the Estab. is maintained.	Particulars of Establishments.	Cost per month	Cost per annum	Remarks.
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1st Division. Not yet received.

Kistna	Total determined by		1 Surveyor	150	
	the Superintending		3 do @ 50	150	
	Engineer		1 Draftsman	60	
			1 do	40	400 4800

Buddaiah	Int. Assistant Gen		1 Writer	20	
	Engineer & Inspectors		7 Lacars @ 7	49	
	No 2348 of 1869		Estimator and Draftsman	40	109 654 For 6 months

Kurnool	For the purpose of		1 Surveyor	100	
	Project		1 Lascar	7	
			2 do @ 6	12	
			3 coolies @ 6	18	
			Contingencies. Total	54	840

20749

Enclosure in a letter from
the Controller of P.W.
Office to the Secretary
to Government P.W.D.
dated 24th April 1871 No
191

1871/72
1831/71

1871/72

1871/72

1871/72

No. 310. *General Enquiry, 5th Dec 1871*
Bangalore 25th March 1872

To,
The Superintending Engineer,
5th Division.

The Controller &
Public Works Accounts,
Madras.

Enclosure 2.
1 Statement of
Establishment
1870-71
In forwarding, as directed in
Circular No. 1 of the 15th December
1870 - No. 3024, the Statement of Temporary
and Petty Establishments (Imperial)
to be employed in this Division in
1871-72, I have the honor to offer the
following observations for the consideration
of Government.

2. Should the Petty Establishments
be retained, it is not practicable to
attempt any further reduction in
its cost, but on the contrary it appears
necessary

Enclosure in a letter from
the Controller of S. P. W.
Accounts to the Secretary
to Government S. P. W.
dated 24th April 1871, No.
191
1871
1871
1871

- Salinas, doesn't appear admirable, as
the Salinas Co. are extensive and as the
Irrigation works in progress therein,
are scattered over the whole area —

6. Under these circumstances, the scale of salaries proposed in the statement sent up on the 3^d April 1868, or the original allotment sanctioned in G. O. No 1829 of 10th June 1868 for South West and Salem have been adopted in the accompanying Statement.

This proposal involves excesses of
Rs 1,284 & Rs 5,76 over the current years
allotments for these Districts, respectively,
but I need hardly point out that
these excesses can amply be repaid
by efficient supervision.

7. As regards temporary Estab-
lishment, there are still several
Irrigation projects in South West
for the investigation of which the
continuance of the Surveyor is abso-
lutely necessary.

8. In the Latin District Sub Engineer Mr Blacker has investigated some

some legislation project, but the
condition or rather the preparation
of the required plans and estimates
is delayed for want of a Draftsman.
The services of a temporary Draftsman
are therefore much needed.

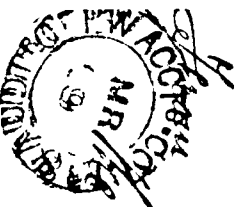
Have the honor to be
Sir,

Your most Obedient Servant,

H. Wilson Col. R. S.
C. F. Smith, General, & Co. Secy.

Endorsed per 4/11/71

No 2492



Supervising Engineer
5th Division

To the Controller of
Public Accounts

Re: Estimate
of Costs of Construction

No 316.

Construction of Water
- works - at St. Louis

of the Missouri River at St. Louis

at St. Louis Mo. at St. Louis

at St. Louis Mo. at St. Louis

Division in 1891-92.

11th St. Louis, Mo.

2000

30

11/11

[Handwritten signature]

No 15 Nov/70 90 302
 " 27 May/65 323
 " 28 April/65 541-542
 " 3 May/65 690-691
 " 8 June 33-34
 " 11 March/71 164-165
 " 28 287-288
 " 10 June/68 652-653
 " 18 May/70 41-220
 " 18 May/70 344-345
 " 18 May/70 344-45

No 1831
 1871 depts

To,
 The Controller of S.W. Accounts,
 To,
 The Secretary to Government,
 Public Works Department,
 Fort Saint George.

Dated 24th April 1871.
 Recd. "

No 191
 Enclos 4⁵

Submitting for the
 orders of Government
 Statements of Petty & Co
 Establishments for the
 year 1871-72. -

No 1299-12 May/71

No 201.

129 April 1871 22 May

11 June 1871 11 June 1871

11 June 1871 11 June 1871