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(2) Date of repair _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	814	Press
		Mis.
Dated	17-3-	1864.

Not to be folded or roughly handled

117

*Proceedings of the Madras Government, Public Works Department,
17th March 1864.*

No. 414. Read the following letter from Major General S. O. E. LUDLOW, Consulting Engineer Irrigation and Canal Company, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Camp at Kurnool, 18th February 1864, No. 150:—

SIR,

Returned for correction, and again received on the 16th February 1864, (copies of this correspondence are forwarded herewith).

† Separate packet.

1. With the accompanying letter No. 1,879, dated 7th January* 1864, the Acting Agent forwards another from the Chief Engineer, submitting for the consideration and orders of Government a proposal for the re-organization of the entire Engineering Staff as per particulars given in the enclosed† list.

2. The Chief Engineer states that the progress and proposed extension of the Company's operations call for a re-distribution of the present sanctioned Establishments and an increase of salary to many old servants.

3. These alterations principally affect the Assistant and Sub-Assistant Engineers and Office servants, reducing and abolishing some appointments and creating others, and transferring Executive and Assistant Engineers from one Division to another, the necessity for which changes are explained in paragraphs 4 to 13 of the Chief Engineer's letter.‡

4. The revised scale includes also an additional Establishment at a monthly cost of Rupees 2,311, for a new Division to be formed hereafter, extending from the 147th mile to the Pennair Division. The Plans and Estimates for the works in this portion of the line are stated to be ready for submission to Government.

§ Herewith forwarded.

5. The Chief Engineer having in a subsequent letter,§ No. 18 of the 1st February 1864, applied for another additional Establishment, amounting to Rupees 2,689, which he states to be required for the purpose of examining Gundicotta gorge on the Pennair river, with a view to the formation of a Reservoir above it, as also the land commanded by the Somaiswarum Anicut of the north side of the river Pennair, I have had this Establishment included in the list of the revised scale of the entire Engineering Staff referred to above.

6. From the abstract given in the margin it will be observed that the entire additional expense involved by the revised scale now proposed amounts to Rupees 5,686, being about 18 per cent. on the total amount originally sanctioned, viz., Rs. 30,672.

7. The monthly expenditure on construction in India, exclusive of Establishment, has averaged one lac Rupees, on which the cost of the permanent Engineering Staff now proposed would be more than 36 per cent. But it is proper to com-

Department or Division.	Present sanction.		Proposed Establishment.		Increase.		Decrease.	
	Salary.	Allow- ance.	Salary.	Allow- ance.	Salary.	Allow- ance.	Salary.	Allow- ance.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Central Office, including Hos- pital Establishment	4,629	690	4,764	690	135	...	...	...
Do. Workshop... ..	690	...	1,147	80	457	80	...	...
Do. Stores	235	...	304	...	69	...	...	...
Irrigation Superintendent's Establishment	140	30	140	30	...	...	...	...
Soonkasala Anicut and Sluices working Establishment ...	96	...	96	...	...	...	...	...
Hindry Division, including Soonkasala Sub-Division ...	3,485	885	3,546	830	61	...	...	55
Bowanassey Division... ..	2,853	685	3,205	745	352	60	...	...
Nagatore do.	1,591	390	1,852	460	261	70	...	...
Koondaur do.	2,400	625	2,016	475	...	...	384	150
Pennair do.	2,870	630	2,864	610	5	...	...	20
Bellary Division, including Reservoir Survey Establish- ment	2,841	630	2,855	760	14	180	...	...
Nellore Division	3,503	765	3,204	665	...	...	299	100
Dhoor Division (extending from mile 147th to the Pen- nair Division)	...	...	1,911	400	1,911	400	...	...
Mr. Latham and his establish- ment for the Survey of the Gundicotta gorge on the Pennair river	...	...	2,054	635	2,054	635	...	...
Total.....	25,342	5,330	29,978	6,380	5,319	1,375	683	325
Additional amount required to be sanctioned... ..	4,636	1,050						
Total.....	29,978	6,380						

Proceedings of the Madras Government, Public Works Department,
17th March 1864.

pute the outlay on construction only with relation to the cost of the Establishments maintained in the Divisions where works are now in progress. The Establishments assigned for the new Division of Dhoor, the Pennair, and Bellary Divisions, where no works have yet been commenced, amount to Rupees 12,109, and that of the Conservancy Establishments being Rupees 266, making together a total of Rupees 12,375,* which being deducted from the total amount of the revised scale now proposed the cost of the Establishments for the Divisions where works are in progress will be Rupees 23,983, inclusive of the Chief Engineer's salary and that of his Establishments at Kurnool. This sum comes to about 24 per cent. on the actual present outlay on construction.

Pennair Division ...	Rs.
Bellary Division, including Survey Establishment ...	3,494
Dhoor Division ...	3,615
Mr. Latham and his Establishment for the Survey of the Gundicotta gorge in the Pennair river ...	2,311
Soenkasala Anicut Establishment ...	2,689
Irrigation Superintendent's Establishment ...	98
170	266
Total	12,375

8. It will be observed that the cost of the Establishments proposed for the Dhoor Division, and that of the Establishment for the Survey of the Gundicotta gorge of the Pennair river which are to be formed hereafter, amounts to Rupees 5,000,† which sum being deducted from the total amount of the revised scale now proposed the re-distribution of the salaries assigned to the present sanctioned appointments will involve an expenditure of only Rupees 686 in excess of the total amount already sanctioned.

9. The Chief Engineer states that the offices not immediately required will not be filled up till they are wanted, and that his present object is to obtain the sanction of Government to the strength now proposed, and to avoid thereby references which will otherwise have to be made to Government on the frequent changes which take place in his Establishments.

10. Under these circumstances, I beg to recommend that the revised scale of the Engineering Staff, as proposed by the Chief Engineer, amounting to Rupees (36,353,) thirty-six thousand three hundred and fifty-eight, be sanctioned, and that he be allowed to make the alterations and additions to the Establishment up to that limit as they may become necessary, reporting the same to this Office as usual.

No. 415.

ORDER THEREON, 17th March 1864, No. 814.

1. On the recommendation of the Consulting Engineer, the Governor in Council sanctions, retrospectively from the 1st January 1864, the re-organization of the Irrigation and Canal Company's entire Engineering Staff, proposed in the correspondence submitted with the foregoing letter, involving an aggregate monthly expenditure, on account of salaries of Rupees 29,978, and allowances, Rupees 6,380.

2. It is to be understood that no new office is to be filled up until absolutely necessary, and that all alterations and additions are to be immediately reported to the Consulting Engineer.

(True Extract.)

(Signed) CHARLES, A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer Irrigation and Canal Company.
" Agent for do.
" Secretary and Treasurer Bank of Madras.
Exd. S. T. Augustin.

N^o. 533

Madras Consulting Eng^rs Office,
Irrigation & Canal Company
Camp at Buddappa 25 Jan'y/64

From

Major General L. O. E. Ludlow
To Consulting Engineer for I & C Co
The Acting Agent & Manager
Irrigation & C Co

Sir— Madras.
With reference to the revised scale of the Engineering Establishment and the Chief Engineer's letter N^o 1093 received with your N^o 1379 of the 7 Jan'y 1864. I have the honor to observe as follow—

2 In the above list the total amount of the present sanctioned establishment is shown as Rs. 28,632 while the correct amount is Rs. 30,672. The difference seems to arise from the Chief Engineer having entered in the list, Rs. 14,081 the amount originally allowed for the Pennair Survey Establishment instead of the sum of Rupees 34,971 sanctioned by Government in their Proceedings of the 7 Decr 1863 N^o 3608 for the Bellary Division which includes the former sum.

3 In para 15 the Chief Engineer states that Rs. 21,324 is in fact the entire additional expense involved by the revised scale now proposed but it is not clear how that sum is arrived at.

From the enclosed Memo: you will observe that the amount now requiring to be sanctioned in addition to the present sanctioned sum is Rs. 2987 instead of Rs. 2184 as made out by the Chief Engineer. I request a fuller explanation on this point.

4. The correct total of the amount of the Salaries assigned to the establishment of the Punnair Division in the revised scale comes to Rupees 2884 and not Rs. 2866 as shown in the Chief Engineer's list. In like manner the correct total amount of the allowances to the servants in the Dhoo Division is Rs. 390 instead of Rs. 400 the necessary alteration is requested to be made in the list returned herewith.

5. In the list of the establishment under reference the 1st Column shows the present sanctioned sum and the 2nd that of the revised scale now proposed. But I am at a loss to understand the meaning of the 3rd column which is also headed "Proposed Salary & Allowances". I therefore request an explanation of the same.

6. On the receipt of the particulars above called for I will lay the Chief Engineer's revised scale of the Engineering Establishment before Government but until it receives their sanction the additional amount now asked for should

54
should not be disbursed.

I have the honor to be
Signed / S. O. E. Ludlow
Consulting Eng. for I. B. Co.

N^o 17

Madras Irrigation & Co.
Central Office, Kurnool
30 Jan^y 1864

To
Major General S. O. E. Ludlow
Consulting Eng. for I. B. Co.

Sir - I beg to acknowledge the receipt of your letter of the 25th Instant, calling for explanation regarding the revised scale of the establishment which I forwarded for the sanction of the Government.

2. The sanctioned establishment for the Bellary Division was as shown in your second paragraph incorrectly entered in the statement. The total previous sanction was Rs. 30672 I find no error in the total of the Dhoo Division but as there may have been a clerical error I send a copy again carefully examined.

3. The total of the Punnair Division is, as stated in your letter, Rs. 2884, and the grand total Rs. 33669 making the excess Rs. 2997 I explained that the increase of the workshops establishment

establishment, Rs. 700 is only nominally
an increase in the fixed establishment
as it will still be paid for by a proportionate
charge on the works turned out and that
therefore the Dhoo Division establishment
is in fact the only additional expense. I
quoted the figures incorrectly as explained
above. The last column contains a state-
ment of proposed salaries of present
employees but this is continually varying.

I have the honor to be Sir
(Signed) W. Cotton
Chief Engineer

Major Genl.
Consulting Eng. for Abbe

Copy in letter to England
27.2.1877 of 1874.

Enclosed in letter
No. 150 of 18. Feb 1874
from the Consulting Eng.
for the Abbe to the Secy
of the Govt. of India.

27.2.1874

Consulting Engineers Office

S & Co.

No. 150

Camp at Karnool, to
18 February 1874 in

From,

Major General L. O. Sudlow, will be
Consulting Engineer S & Co. on tour of inspection at Karnool

To, The Secretary to Government
P. H. D.

Sir,

Chopanki

with the accompanying letter 11879, not

turned for correction
again received
in the letter of 1874
of this Commission
are forwarded
(with)

enclosed
in letter

dated 7 January 1874 the Agent forwarded
another from the Chief Engineer submitting for
consideration and orders of Government a proposal
for the re-organization of the entire Engineering
Staff as per particulars given in the enclosed list.

2 The Chief Engineer states that the
progress and proposed extension of the Company's
operations call for a re-distribution of the present
sanctioned establishments and an increase in
of salary to many old servants.

3 These alterations principally affects
the Assistant and Sub Assistant Engineers and
Office servants reducing and abolishing
some to

Some appointments and creating others and transferring Executive and Assistant Engineers from one division to another, the necessity for which changes are explained in paragraph 13 of the Chief Engineer's letter.

4. The Revised scale includes also an additional establishment at a monthly cost of Rupees 2,311 for a new division to be formed hereafter extending from the 147 mile to the Pennair division. The Plans and Estimates for the works in this portion of the line are stated to be ready for submission to Government.

5. The Chief Engineer having in a subsequent letter No 18 of the 1st February 1864 applied for another additional establishment amounting to Rs. 2689 which he states to be required for the purpose of examining Gundicotta Falls on the Pennair River with a view to the formation of a Reservoir above it, as also the land commanded by the Somaiswarum Anicut on the North side of the River Pennair. I have had this establishment included in the list of the Revised scale of the entire Engineering Staff

* Rs. 1093 of 29th Dec 1863

* herewith forward

Staff referred to above.

6 From the abstract given in the

Department or Division	Present sanctioned		Proposed establishment		Increase		Decrease	
	Salary	allow.	Salary	allow.	Salary	allow.	Salary	allow.
Central Office including Hospital Establishment	4629	690	4764	690	135	-	-	-
D ^o Workshop	690	-	1147	80	457	80	-	-
D ^o Stores	235	-	304	-	69	-	-	-
Irrigation Supt. Establishment	140	30	140	30	-	-	-	-
Somkasa Anicut Village working establishment	96	-	96	-	-	-	-	-
Kindy Dist. including Somkasa sub Dist.	3485	885	3546	830	61	-	-	55
Bomana Jy. Division	2853	685	3205	745	352	60	-	-
Nagalore Division	1591	390	1952	460	261	70	-	-
Koodanur Division	2400	625	2016	475	-	-	384	150
Pennair Division	2879	630	2884	610	5	-	-	20
Bellary Dist. including Bellary road survey Salts	2841	630	2255	760	14	130	-	-
Tellore Division	3502	765	3204	665	-	-	299	100
Phoot Division (extending from mile 147 to the Pennair Dist)	-	-	1911	400	1911	400	-	-
M. Satham & his Estab ^t for the survey of the Gundicotta Falls on the Pennair River	-	-	2034	635	2034	635	-	-
Total	25342	5330	29978	6320	5319	1375	683	325
Additional amount required to be sanctioned	4636	1050	-	-	-	-	-	-
Rupees	29978	6320	-	-	-	-	-	-

margin it will be observed that the entire additional expense involved by the Revised scale now proposed amounts to Rupees 5686 being about 18 1/2 Cent on the total amount originally sanctioned

vizt Rupees 30672-

7 The monthly expenditure on Construction in India exclusive of establishment has averaged one Lac Rupees on which the cost of the permanent Engineering Staff now proposed would be more than 3 1/2 Cent. But it is proper to

to compute the outlay on Construction only with relation to the cost of the establishments maintained in the Divisions where work is now in progress. The establishments assigned for the new divisions of Dhoo, the Pennair, and Bellary divisions, where no work has yet been commenced amount to Rupees 12,109 and that of the Conservancy establishments being Rs 266 making together a total of Rupees 12,375 which being deducted from the total amount of the Revised Scale now proposed the cost of the establishments for the divisions where work is in progress will be Rs 2,3983 inclusive of the Chief Engineer's salary and that of his establishment at Kurnool. This latter sum comes to about 2 1/2 Cent on the actual present outlay on Construction.

8 It will be observed that the cost of the establishments proposed for the Dhoo Div. and that of the establishment for the Survey of the Gandicotta forge of the Pennair River which are to be formed hereafter amounts to Rs 5,000 which sum being deducted from the total amount of the Revised Scale now proposed

Pennair Est. 3,194
 Bellary Est. 2,615
 Dhoo Est. 2,311
 Conservancy Est. 266
 Total Rs 12,375

Dhoo Est. 2,311
 Gandicotta Est. 2,689
 Total Rs 5,000

the redistribution of the salaries assigned to the present sanctioned appointments will involve an expenditure of only Rs 686 in excess of the total amount already sanctioned.

9 The Chief Engineer states that the officers not immediately required will not be filled up till they are wanted and that his present object is to obtain the sanction of Government to the strength now proposed and to avoid thereby references which will otherwise have to be made to Government on the frequent changes which take place in his establishments.

10 Under these circumstances I beg to recommend that the Revised Scale of the Engineering Staff as proposed by the Chief Engineer amounting to Rs 36,358 Thirty Six thousand three hundred & fifty eight be sanctioned, and that he be allowed to make the alterations & additions to the establishment up to that limit as they may become necessary reporting the same to this Office as usual.

I have the honor to be Sir,
 Your most Obedt Servt
 J. F. Hudson
 Consulting Engineer I.C.E.

2/3/04

is to be filled up until
 absolutely necessary and
 that all alterations and
 additions are to be im-
 mediately reported to the
 Consulting Engineer -

Chapman & Co
 17th March 1885

Whelton & Co of 11th St. & 11th St. of 11th St.
 Agents - do.

Secy & Treasurer Bank
 of Madras.
 18th March 1885

Copy in a letter to Eng.
of 20 = May & 27 of 1861

[illegible]

From
The Consulting Engineer
for Immigration 1860

To Mr. J. C. Davis

Franklin Co 3696
of 1844

Secretary to Hon^{ble}
Admiral Sir Isaac D. D. D.
Dated 18th Feb/44
No. 26

Wheat & Corn

3 letters in original - 1. copies
of 2 letters & 1 copy of Goddard's letter

Submits for the consideration

known & ordered by Governor
to removal of the Chief Justice

for the two young ladies.

of the meeting of the 11th of March and the 12th of March.

found in the enclosed letter

With circle order

On the ground

of the Consulting Engineer, the power
not in Council participation, also.

effectively from the 12th January 1864.

The reorganization of the Organizational

Parad Company's entire Engineering

slabs proposed in the competition

ance admitted with the

going into various countries
to create new settlements

account of salaries of \$2500.78

allowance, \$97.6580

It is to be under:

stood that no new office is