GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

16th September 1881, No. 2,294 W.

Buildings and Roads.
Civil Works.

Read the following papers:—

No. 119. From the Agent to the Governor, Vizagapatam, to the Secretary to Government, Public Works Department, dated Camp, Koraput, 13th January 1881, No. 16.

From the Executive Engineer, Vizagapatam Division, to the Agent to the Governor, Vizagapatam, dated Camp, Potinghy, 29th December 1880, No. 2,952.

No. 120. Note by the Chief Engineer, Public Works Department, dated 26th January 1881.

No. 121. Minute by the Honorable D. F. CARMICHAEL, dated Camp Jeypore, 3rd April 1881.

Read again—

G.O., Nos. 588—9 R., dated 14th September 1881, in the Railway Branch, on letter from the Government of India, No. 619 R.C., dated 18th August 1881.

No. 122. ORDER THEREON, 16th September 1881, No. 2,294 W.

To insure an early preliminary examination of the country as called for by the Government of India in view to the selection of the best line for a railway between the littoral of Vizagapatam and Raipore in the Chattisgarh District of the Central Provinces, the Honorable the Governor in Council is pleased to nominate Mr. K. F. Nordmann, Executive Engineer, Second Grade, for the duty with effect from the 1st proximo, or such other date as he may be enabled to resign his present privilege leave.

2. Under his orders will be placed Sub-Conductor Sub-Engineer J. Cormac, and Mr. Nordmann is authorised on reaching Vizagapatam about the 7th proximo to entertain the establishment entered in the margin.

			Per Mensem. RS.
8	Tent Lascars.		
4	Do.	for two Perambulators.	
2	Do.	in charge of Aneroids.	
Total 14	Lascars at Rs. 10	...	140
1	Servant for the Hospital Assistant at Rs. 10	...	10
	Total per mensem ...		150

N.B.—The pay specified is to include all travelling allowances.

3. The Surgeon-General with the Government of Madras will be requested to place at Mr. Nordmann's disposal a properly qualified Hospital Assistant (with a suitable supply of medicines) to accompany and take medical charge of the reconnoitring party under the Executive Engineer for about six months, during which, it is thought, the investigation may possibly extend.

4. Mr. Nordmann will be supplied free of charge with the tents and office requirements specified in attachment A, and while engaged on this special duty the provision of paragraph 673 of the Madras Public Works Code will be extended to him and also to Sub-Conductor Cormac. Mr. Nordmann will further be supplied with a free passage for himself, servants, and such of the establishment as he proposes to take with him from Madras to Vizagapatam.

5. The general scope of the inquiry having already been indicated in the Government of India letter read in the heading, it is here sufficient to add the following observations as a guide to the special objects in view, viz., to ascertain the best of the alternative routes, (1) that starting from Párvatipur and passing *viâ* Rayaghada through either Bundisor or Dadpur east of the Nawagarh hills to Raipore, or (2) that starting from Salur and passing through Nawagarh west of the above hills to Raipore, which is that more especially adverted to in the letter from the Government of India.

6. So far as can be ascertained by an examination of the maps, the reconnoissance for the purposes of Mr. Nordmann's report may be conveniently divided into the following sections, viz. :—

(1) The route from Rayaghada through Bisemkattak and Ambadola towards Dadpur.
(2) The alternative route from Rayaghada through Singapur to Bandisor and Dadpur.
(3) The best route from Dadpur, east of the Nawagarh hills, to Araing and Raipore.
(4) The best route from Raipore, through Dhamtari if possible west of the Nawagarh hills, to Naorangpur.
(5) The route from Naorangpur to Jeypore and Kuraputi.
(6) The route by the eastern road to the same place.
(7) The best route from Kuraputi to Salur.

7. Only obligatory towns have purposely been named on both the alternative lines as above selected for inquiry, it being very desirable that in all other respects Mr. Nordmann should be perfectly free to select the easiest line for the location of a railway.

8. Maps on the largest published scale will be supplied in duplicate to Mr. Nordmann, and on these he will lay down as carefully as circumstances admit, not only the line which seems to him to be the best, but such others as may show themselves to be feasible alternatives, and which he may have examined, distinguishing, of course, the one he prefers.

9. Longitudinal sections should be given of the latter, with the heights determined by the aneroid.

Horizontal scale 1 inch to the mile.
Vertical „ 1 „ = 200 feet.

The sections should as far as possible show where rock, hard, medium, or boggy soil prevails, also if flat or side-lying.

10. The general character of the country passed should be noted, and as far as possible cross sections given of all streams requiring to be crossed by bridges of 30 feet span and upwards, giving also the character of the banks and bed.

11. For the rest of the drainage it will suffice to allow an approximate number of running feet per mile.

12. Observations should further be recorded under the following heads :—

(1) Building material procurable.
(2) Character and amount of labor available.
(3) Rates of skilled and unskilled labor.
(4) Camping grounds, drinking water, &c.
(5) Climate and working seasons.
(6) Cultivation and manufacturers.
(7) Trade and trade routes.
(8) Population and land available for immigrants.

13. The Superintending Engineer, First Circle, should warn Sub-Conductor Cormac to hold himself in readiness for the special duty assigned to him.

14. The instruments, &c., required will be supplied by the Public Works Stores at Madras and the stationery by the Superintendent of Stationery. The Deputy Chief Engineer will see that the requirements in these respects are fully met and duly despatched to Vizagapatam.

15. Copy of these Proceedings will also be furnished to the Agent to the Governor at Vizagapatam, with a request that he will arrange for such aid being given to Mr. Nordmann as may be needful as regards supplies, &c., along the route, and that he will arrange to attach to the party some intelligent person conversant with the vernacular of the tracts to be passed through.

16. The Chief Commissioner of the Central Provinces and the Government of India will also be furnished with copies of these Proceedings.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To K. F. Nordmann, Esq.
To the Superintending Engineer, First Circle.
„ Executive Engineer, Vizagapatam.
„ Consulting Engineer for Railways.
„ Surgeon-General with the Government of Madras.
„ Public Department.
„ Revenue „
„ Agent to the Governor at Vizagapatam.
„ Deputy Chief Engineer, Madras.
„ Examiner of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1881) Madras.
PUBLIC WORKS.

To

K. F. NORDMANN, Esq.,
&c., &c., &c.

Dated September, 16th.

Issued

Recd. *Encl.*

G. O., 16th September 1881, No. 2,294 W.

SEPTEMBER.
Nos. 119—122.

Reconnoissance of country for a line of Railway between Raipore and the littoral of Vizagapatam.—Orders and instructions issued to Mr. K. F. Nordmann on the subject of the —.

Traffic Code Form C 1.

Local No.

S. P. No. 4000 G. T. Press, No. 125,—27-5-80,—100000

INDIAN TELEGRAPH.

Class.		Local No. 1037	
To Station 1 - Madras		From (Station) Vizianagram	
Words. 135	Day. 7	Hour. 9	Minute. 51
Official Instructions.			
To (Person) Madras works		From (Person) Nordmann	

1 Leaving	for	3 Parvatipur
4 Camp	5 gone	6 ahead
7 monsoon	8 Seems	9 over
10	11	12
13	14	15
16	17	18

Recd. from	L. N.	Sent to	L. N.
At Hrs. Mts. By		At Hrs. Mts., By	

Date MADRAS 7-11-81 Ag Telegraph Master.

(P. I L.)—Govt. T

willing	to	camp
28 May	29 I	30 borrow ×
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54

Recd. from	L. N.	Sent to	L. N.
At Hrs. Mts., By Fort St George 3		At Hrs. Mts., By	

Date 5-11-81 3 A. Perumangadum Telegraph Master.

P.C. No. 2294 W. 16-9-81.

Say "Yes - if you consider four elephants essential."

7/11-1.

Hon. D. Carmichael
Hon. W. Huddleston

Special

For orders

I confess I was not prepared for this demand on the part of Mr. Nordmann and consider that he should have preferred it before his departure from this.

If acceded to now it should I venture to think be made entirely conditional on Mr. Turner being fully satisfied that Mr. N cannot otherwise prosecute his reconnaissance in a satisfactory manner without such aid.

= If as the telegram just now received from Mr. Nordmann would imply that he can calculate on a spell of fine weather it might be as

---

PB/

No. 2778 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 8th Novr. 1881

Read the following :—

Telegram from Mr. Nordmann d/ 7th November 1881.
" " Agent to Governor Vizag : d/ 5th Novr. 81.

Ordered that the following telegram be despatched :—

To The Agent to Governor
Vizianagram

Your message fifth —

Yes if you consider four elephants essential.

G.

8/11/81

Telegram desp. 8/11/81

To
The Examiner P.W. Acct. &c.

Despd. 9-11-81.

1

Port Fund Budget Estimate

1882/83.

Public Works Department.

Seen

2778W. 8-11-81.

Issue

8/11/81

Entd in Receipt Regr.

Indexed 11/11

Original

7

Government of Madras.

Post Fund Budget Estimate for 1882/83.

Part I.

Abstract of the estimated charges for works to be executed from Port Funds for the year from the 1st April 1882 to 31st March 1883.

Classification.	Estimate for 1882/83.		Estimate for 1881/82.		Total.	
	Public Works Department	Marine Departt.	Public Works Department.	Marine Departt.	1882/83.	1881/82.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Original Works.						
Miscellaneous Public Improvements	6510	6570	"	1515	13080	1515
Repairs.						
Miscellaneous Public Improvements	"	6050	14000	3110	6050	17110
Total Public Works Establishments and tools and plants 27½ per cent					1790	3850
Total Amount of estimate Rupees					20,920	22,475

Madras
Marine Office
15th September 1881.

W Taylor

Master Attendant

Administrative Department.

MM

Government of Madras.

Part II.

Detail of estimate for original works for 1882/83,
to be executed from Port Funds.

Execution Division	No.	Projects. Locality.	 Description.	Amount of estimate	Computed expenditure up to 31st March 1882.	Estimate for 1882/83.	No.	Remarks.
4	1½	5	9	Rs 8	4	Rs 8	1½	8
			Miscellaneous Public Improvements.					
[illegible]	1	False Point Divi	Construction of a beacon.	5540	"	5540	1	to be carried out by the P. W. Deptt.
[illegible]	2	Muttum	Do. of a lighthouse.	6570	"	6570	2	to be carried out by the Marine Deptt.
	3		Minor works the estimated cost of which does not exceed Rupees 2500.	970		970	3	to be carried out by the P. W. Deptt.
			Total Miscellaneous Public Improvements			13,080		

Abstract.

Main Heads.	By Public Works Department.	By Marine Department.	Total.
Miscellaneous Public Improvements	6510	6570	13080.

Madras
Marine Office
15th September 1881.

W Taylor
Master Attendant

Administrative Department.

MM

Government of Madras.

Part III

Detail of estimate for repairs for 1882/83 to be executed from Port Funds.

	Estimate for 1882/83.		Estimate for 1881/82.	
	Amount.	Total.	Amount.	Total.
Miscellaneous Public Improvements.				
Ganjam.				
Repairs to flagstaff at Barwa	150			
Do. to boundary pillars at Sonapore Pundi and Baranapad	100	250		
Vizagapatam.				
Repairs to light house Santapilly	200	200		
Godavari.				
Repairs to wharfs and Marine buildings Coconada	1000		1000	
Do. to revetment Do.	400		500	
Do. to Hope Island lighthouse	200	1600		1500
Kistna.				
Repairs to Lighthouse Point Divi	200	200		
Nellore.				
Repairs to lighthouse Armeghon	200	200		
Chingleput.				
Repairs to lighthouse Pulicat	200	200		
Tanjore.				
Repairs to Marine buildings	400			
Maintaining Harbour and sand spit	500	900	500	500
Madura.				
Repairs to lighthouse Paumben	200	200		
Tinnevelly				
Repairs to lighthouse Muttum	200	200		
Malabar.				
Maintenance of Cruz Milagre Dam Cochin	400			
Repairs to Marine buildings	900	1300		
South Canara.				
Maintenance of quay and Harbour Mangalore	300		250	
Repairs to Marine buildings	500	800	485	735
Total Miscellaneous Public Improvements.		6050		2735

Madras
Marine Office
15th September 1881.

W Taylor
Master Attendant.
Administrative Department.

Note. The whole of the above [illegible]
carried out by the Ma[illegible]

MM

Detailed list of works included in the item of Rupees 13,080 entered in Part II of the Port Fund Budget of 1882/83 under Miscellaneous Public Improvements for minor works the estimate cost of which does not exceed Rs 2,500 each.

District.	Works.	Estimate.	No. and date of sanction.	Expenditure up to 31st March 1882.	Allotment for 1882/83.	Remarks showing the agency by which the works are to be carried out.
		Rs.		Rs.	Rs.	
South Arcot	Constructing a lower platform to the wharf at Porto Novo	970			970	To be carried out by the Public Works Deptt.
	Total Miscellaneous Public Improvements.				970	

Madras
Marine Office
15th September 1881.

W Taylor
Master Attendant
Administrative Department.

MM

G.O. No 2556 W D/19-10-81
a 2452 W / 5-10-81

B/ Incl 1
5353
5457 / 11

Finl 2850/81

Financial Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following

Proceedings of Government Public Works Department dated 5th October 1881 No 2452 W.

Order thereon 5th November 1881 No 2144

Recorded with reference to G.O. No 1869 dated 3rd October 1881. The statement will be returned to the Public Works Department.

(True extract)

Sidney Griffin

As Asstt Secretary.

To

The Public Works Department
with statement.

B. No 2777 W d/ 8th Novr/81

Recorded

with reference to

G.O. No 2556 W. of

19th October 1881.

Indexed 11/11

Govt. of {188 } Madras.

P. W. C. No 6457

To

Dated
Recd. 7 } Nov. 1881, No.

Nos.

2-1

Recording Procs of P.W.D.
d/ 5th Octr/81 No 2652 W.
on the subject of Port
Fund Budget Este
for 1882-83-

No 2777 W D/ 8th November 1881

B.

Entd in Receipt Regr.

With Order

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

27th February 1879, No. 484.

Read the following paper :—

No. 525. Proceedings of the Board of Revenue, dated 29th January 1879, No. 239.

Read the following letter from R. J. MELVILLE, Esq., Collector of Madras, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated 3rd December 1878, No. 364 :—

I HAVE the honor to reply to paragraph 3 of Board's Proceedings, No. 1,161, dated 1st May 1878.

2. From the enclosed plan of the Government arrack distillery at Tondiarpett, it will be observed that there is a reservoir (A) to which all the refuse water from the stills is now conducted before being disposed of. This reservoir is out of the distillery building, and the Executive Engineer of the Presidency Division proposes to adopt it with some slight alterations for the purpose of diluting the refuse still water with the condensing water previous to its being led out for irrigation. He further proposes to construct a new cistern to distil arrack and to execute sundry repairs to the existing cisterns. The whole cost is estimated at Rupees 465.

3. Mr. Robertson's proposed experiment is to be conducted on an area of quarter of an acre. The cost of levelling and preparing this extent for an experimental cocoanut plantation is estimated at Rupees 71. The total open area in the distillery compound is 3½ acres, and at the above rate the cost of preparing the whole land for the experiment is about Rupees 1,000.

4. The estimate forwarded by the Executive Engineer is enclosed.

5. Two gardeners on a pay of Rupees 7 each a month will have to be employed to look after the plantation which will remain under the charge of the Deputy Collector of Madras. The whole cost of the scheme proposed by Mr. Robertson is debitable to "Abkári."

ENCLOSURE No. 1.—Plan.

ENCLOSURE No. 2.—Estimate.

SUBMITTED to Government with reference to G.O., dated 1st June 1878, No. 826.

(A true Copy and Extract.)

(Signed) J. STURROCK,
Acting Secretary.

No. 526. ORDER THEREON, 27th February 1879, No. 484.

Miscellaneous.

THE estimate, amounting to Rs. 465, is sanctioned, as is also the scheme for levelling and preparing the whole Distillery compound, for an experimental cocoanut plantation, at an estimated cost of Rs. 1,000, if the initial experiment on quarter of an acre proves successful.

2. In the event of the whole compound being turned into a cocoanut plantation, two gardeners may be entertained to look after it as proposed.

(True Extract.)

Acting Secretary to Government.

To the Board of Revenue.
,, the Public Works Department.
,, the Accountant-General.

Exd. J. W. Fischer.
Spare Copies.

Govt. of 1879 Madras.

REVENUE.

To

The BOARD of REVENUE.

&c., &c., &c.

Dated February 27th.

Printed March 3rd.

Recd. *Encl.*

G.O., 27th February 1879, No. 484.

FEBRUARY.

Nos. 525-526.

Government Arrack Distillery at Tondiarpett in Madras District.—Sanctioning the estimate for improvements to the — and for an experimental cocoanut plantation at an estimated cost of Rs. 1,000 if the initial experiment on quarter of an acre proves successful.

No. 697 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 6th March/79

Read the following :—

Pro: in the Rev: Dept. (H.E. No. 484 d/27th Feby. 1879)

Communicated to the Superintending Engineer Third Circle.

2. The necessary orders regarding provision of funds will be issued in the Revenue Dept.

The sanction accorded in the above Pro: in the Revenue Dept: has been registered as Special No: 234 B of W 1879.

To,
The Rev: Dept.
" Supg. Engr. Third Circle with b.l.c.
" Genl. P.W. Accts: with b.l.c.

6.3.79

Despt. 12-3-79

12

Mis. No. 697 dd 6. March 1879

2-Copies to Poly-2-4-79

P.W.D.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

6th September 1881, No. 1,326.

READ THE FOLLOWING PAPERS :—

No. 63. Proceedings of the Board of Revenue, dated 11th June 1881, No. 1,033.

Read—the following G. R. R. No. 3,076 of 1881—Letter from C. A. GALTON, Esq., Acting Collector of Madras, to the Secretary to the Board of Revenue, dated 9th April 1881, No. 136 :—

WITH reference to Board's Proceedings, Miscellaneous No. 2,149, dated 6th March 1879, communicating G.O., No. 484, dated 27th February preceding, I have the honor to report that, in accordance with the sanction of Government, an experimental cocoanut plantation was formed by the District Engineer, Presidency, at the Tondiarpet Government Arrack Distillery at an expenditure of Rs. 438-10-10. The plantation remained in charge of the Public Works Department till July last, in accordance with the request of the Executive Engineer, Presidency.

2. The Deputy Collector reported in that month that the experiment was a failure. The late Acting Collector, however, was of opinion that this was due to the refuse still water from the distillery not having been sufficiently mixed with cold water before being let off to the plants which caused them to wither; he then took the matter under his own supervision, and put the Abkári Superintendent in immediate charge, strict injunctions being given to have the refuse water well diluted before being used for irrigation, and the Superintendent was allowed to entertain a gardener on Rs. 7 on the authority of the Board's Proceedings, No. 1,038, dated 22nd April 1879. The result is that the cocoanuts and plants are looking better, though I cannot say much for them, and there is good grass all over the compound.

3. The subjoined memorandum shows the receipts and expenditure incurred up to the 31st March 1881 :—

Month.	Sale-proceeds of Grass. RS.	A.	P.	Expenditure.	RS.	A.	P.
July 1880 ...	7	0	0	Amount paid for eighty young cocoanut trees together with planting charges ...	18	10	0
August " ...	2	4	0	Amount paid for cutting grass and for weeding the compound	1	6	0
September " ...	...			*August* 1880.			
October " ...	5	5	9	Amount paid for cutting grass and for weeding the compound	8	9	0
November " ...	26	12	3	Pay of the gardener for July 1880 ...	5	13	11
December " ...	26	1	0	*September* 1880.			
January 1881 ...	9	1	0	Pay of the gardener for August 1880 ...	7	0	0
February " ...	...			*October* 1880.			
March " ...	9	6	0	Amount paid for cutting grass and for weeding the compound.	3	8	6
				Pay of the gardener for September 1880...	7	0	0
				November 1880.			
				Amount paid for cutting grass and for weeding the compound	10	14	0
				Pay of the gardener for October 1880 ...	7	0	0

Month.	Sale-proceeds of Grass.			Expenditure.			
	RS.	A.	P.	*December* 1880.	RS.	A.	P.
				Amount paid for cutting grass and weeding the compound	4	14	0
				Amount paid for buying three reapers ...	0	9	0
				Do. do. one padlock ...	0	6	0
				Pay of the gardener for November 1880 .	7	0	0
				Pay of gardener for December 1880 and January and February 1881	21	0	0
Total ...	85	14	0	Total ...	103	10	5

The concern has not up to date been a paying one, but it may eventually prove so, as at the outset cocoanut plants had to be purchased and the ground prepared—expenditure which need not again be incurred. It must further be remembered that the main object of the experiment has been attained, which was, not so much a question of profit, as to utilize the refuse fluid, thereby removing a nuisance, and to make the compound sightly.

4. As one gardener is insufficient, I request, with reference to paragraph 2 of G.O., No. 484, dated 27th February 1879, that two may be entertained at a monthly salary of Rs. 6 each; for, I think, the experiment is worth continuing.

5. As the outlay hitherto has been treated as contingent expenditure, I now solicit the Board's final sanction for the amount (Rs. 48-12-6) already incurred, and also to continue the experiment as proposed.

◆

Read—G. R. R. No. 3,892 of 1881—Letter from H. F. CLOGSTOUN, Esq., Officiating Accountant-General, to the Secretary to the Board of Revenue, dated Fort St. George, 18th May 1881, No. 1,818.

WITH reference to Board's Proceedings, Nos. 1,038 and 1,880, dated the 22nd April and 27th June 1879, I have the honor to inquire for what period the temporary establishment of one gardener on Rs. 7 per mensem therein sanctioned is to last, as the pay is being claimed regularly every month by the Collector of Madras from July 1880.

◆

Read—G. R. R. No. 4,139 of 1881—Letter from C. A. GALTON, Esq., Acting Collector of Madras, to the Secretary to the Board of Revenue, dated 27th May 1881, No. 194.

IN reply to your official memorandum, dated 29th April 1881, No. 661, I have the honor to state that the area in the distillery compound at Tondiarpet which has been planted measures only about one-quarter of an acre, whilst the extent of the whole compound is about 3½ acres. The question has however assumed a different aspect since my letter of the 9th ultimo, No. 136, was written. The object of the plantation was to utilize the refuse still water and to prevent its stagnating and becoming a nuisance; but from the 1st July next manufacture at Tondiarpet will be discontinued and there will be no refuse water to dispose of, the Board having approved Messrs. Parry and Company's proposal to supply the Puttai Arrack required for the town from their depôt at Saidápet. The question arises therefore whether it is worth while to maintain the plantation.

2. The plants are young, ranging from a few months to two years old, and they will require watering at least during the hot weather. The water hitherto used in the manufacture of arrack has been chiefly drawn from a well in the distillery compound sunk by Mr. Pritchard, the pipes which bring a supply from the Seven Wells having been utilized only to a small extent. This well is the property of the present contractor, having been purchased by him with the wooden structure for raising water for a sum of Rs. 350 according to his statement.

3. In 1876 it was proposed to purchase this well on behalf of Government at a cost of Rs. 400, but the proposal was not approved as the Government considered that sufficient cause had not been shown for incurring the expenditure—*vide* the correspondence marginally noted. Now however that the building is no longer required as a distillery, and the present contractor cannot either remove his property or dispose of it to any one else, it would seem reasonable to grant him some compensation. He states that he wants Rs. 350 for the well and fixtures connected with it, but as the well is situated on Government land, he is not in a position to refuse any reasonable sum which may be offered, and I would suggest that the well should be valued by the Superintendent of Works and the amount of his estimate tendered.

Board's Proceedings, 18th Jan. 1876, No. 134.
" 7th Feb. " " 375.
G.O., dated 21st April 1876, No. 517.

4. If the well is acquired the plantation, which is situated close to it, can be watered from that source; two gardeners on Rs. 6 each and a boy on Rs. 3 will be required to raise the water and look after the plants during the hot weather; during the rainy season one of the gardeners could be dispensed with. The statement in paragraph 3 of my letter, dated 9th ultimo, shows that the average receipts from July 1880 to March last amounted to Rs. 9-8-0, but these might be increased, I think, by bringing a portion of the compound adjacent to the well under irrigation and raising grass thereon; so that eventually the receipts would cover the cost and the existing plantation might be preserved. If, however, Government are not willing to purchase the well and sanction the small establishment above noted the plants will die.

5. I will address the Board again regarding the renting of the distillery building when the result of inquiries which are now being made is reported.

Resolution—

SUBMITTED for the orders of Government.

2. In the first of the letters read above the Collector asks leave, with reference to G.O., dated 27th February 1879, No. 484, to entertain a second gardener for the plantation at the Tondiarpet Distillery, and requests also sanction for an outlay of Rs. 48-12-6 incurred hitherto which has been treated as contingent expenditure.

3. The Government Order quoted authorizes the employment of a second gardener in the event of the whole compound being planted, but it appears that this condition has not yet been complied with. Moreover the Collector explains that as the distillery is about to be abandoned, the main object for which the plantation was undertaken no longer exists, and he proceeds to inquire whether the garden should now be given up, or whether it should be maintained at a monthly cost of Rs. 15* during the hot weather and of Rs. 9† during the rains.

	RS.
* 2 Gardeners at	6
1 Boy at	3
† 1 Gardener at	6
1 Boy at	3

4. Mr. Galton suggests further that the well in the compound, which belongs to a late contractor, should be purchased by Government at a valuation to be made by the Superintendent of Works; but adds that on a former occasion‡ Government declined to become the purchaser.

‡ G.O., dated 21st April 1876, No. 517.

5. If the plantation is now given up the money already laid out will in a measure be lost, and the Board therefore recommend that the establishment proposed by the Collector be maintained until arrangements are made for letting the building when an agreement may perhaps be entered into with the lessee for maintaining the plantation.

6. Upon receipt of the orders of Government, the Board will be in a position to reply to the Accountant-General's inquiry.

(True Copies and Extract.)

(Signed) E. GIBSON,
Acting Secretary.

No. 64. Official Memorandum from the Officiating Secretary to Government, Revenue Department, to the Secretary to the Board of Revenue, dated Ootacamund, 21st July 1881, No. 266.

WITH reference to the Proceedings of the Board of Revenue, dated 28th June 1881, No. 1,033, the undersigned is directed to inquire whether the supply of Puttai Arrack through Messrs. Parry and Co. is only an experimental arrangement, rendering it necessary to keep the means of resuming distilling for Government in view.

(Signed) E. F. WEBSTER,
Offg. Secretary to Government.

No. 64-A. Proceedings of the Board of Revenue, dated 8th August 1881, Miscellaneous No. 7,547.

Read Official Memorandum from the Officiating Secretary to Government, Revenue Department, dated 21st July 1881, No. 266.

THE arrangement for the supply of Puttai Arrack to the Town of Madras from the depôt of Messrs. Parry and Co. at Saidápet is an experimental one, and power is reserved in the contract with Messrs. Parry and Co. to call upon them to manufacture arrack in the distillery at Tondiarpet after giving one month's notice.

(True Extract.)

(Signed) E. GIBSON,
Acting Secretary.

No. 65. ORDER THEREON, 6th September 1881, No. 1,326.

Miscellaneous.

THE position is unsatisfactory as the expense of the plantation has to be incurred, while it is impracticable to let the premises in the circumstances reported.

2. The Government agree with the Board that the garden must be kept up and sanction the expenditure proposed, unless the grounds can be rented out, on which point the Collector should report.

3. The late contractor cannot assert any property in the well; but the Governor in Council resolves to sanction compensation for it at a valuation to be fixed by the Public Works Department.

(True Extract.)

(Signed) C. G. MASTER,
Secretary to Government.

To the Board of Revenue.
,, the Public Works Department.
,, the Accountant-General.

Exd. W. H. French.

70 Copies.

Order thereon 23d Septr/81 No 2355W

Communicated to the Supdt of Works Presy in view to the valuation of the well being fixed.

(True Extract)

Sd/ J Pennycuick
Major RE
Under Secy to Govt P.W.D.

The Supdt of W
Presy

Govt. of (1881) Madras.

REVENUE.

To

THE BOARD OF REVENUE,
&c., &c., &c.

Dated September 6th.

Printed 17th.

Recd. *Encl.*

G.O., 6th September 1881, No. 1,326.

SEPTEMBER.
Nos. 63—65.

SUBJECT.

Cocoanut Plantation at Tondiarpet Distillery, Madras.—Agreeing with the Board that the — must be kept up, and sanctioning the expenditure proposed, unless the grounds can be rented out, on which point the Collector should report; stating that the late contractor cannot assert any property in the well, but resolving to sanction compensation for it at a valuation to be fixed by the Public Works Department.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

27th October 1881, No. 1583.

READ AGAIN—

Government Order, dated 6th September 1881, No. 1326.

READ ALSO THE FOLLOWING PAPER:—

No. 334. Endorsement of the Under Secretary to Government, Public Works Department, dated 11th October 1881, No. 2318.

From Lieutenant-Colonel W. H. BURTON, R.E., Superintendent of Works, Presidency, to the Chief Engineer, Public Works Department, dated Chepauk, 7th October 1881, No. 2454.

WITH reference to G.O., No. 2355-W, dated 23rd September 1881, I have the honor to report that I have had the cost of the well in cocoanut plantation at Tondiarpet Distillery near Madras estimated, and find that at present rates an exactly similar well would cost Rs. 350.

2. I should explain that there is so much silt and mud at the bottom of the well that it would cost Rs. 30 to have this removed.

3. I am unable to state for how many years the late arrack contractor had the use of this well.

TRANSFERRED to the Revenue Department with reference to its G.O., No. 1326, dated 6th September 1881.

(By Order.)

(Signed) J. PENNYCUICK, Major, R.E.,
Under Secretary to Govt., P.W.D.

No. 335. ORDER THEREON, 27th October 1881, No. 1583.

Miscellaneous.

THE Government sanction payment of Rs. 250 to the late contractor as compensation for the well sunk in the Government Distillery compound with appurtenances.

(True Extract.)

(Signed) C. G. MASTER,
Secretary to Government.

To the Public Works Department.
,, the Board of Revenue.
,, the Accountant-General.

Exd. J. W. Fischer.

65 Copies

B. No. W a/ Nov. 1881.

Comm.d to the S.E. Fifth Circle.

(Sig.d) R.T.

S.E. 5th Circle.

Govt. of {1881} Madras.

REVENUE.

To

The PUBLIC WORKS DEPARTMENT,

&c., &c., &c.

Dated October 27th.

Printed November 3rd.

Recd. *Encl.*

G.O., 27th October 1881, No. 1583.

OCTOBER.

Nos. 334-335.

SUBJECT.

Compensation.—Sanctioning payment of Rs. 250 to the late contractor as compensation for the well at Tondiarpett Distillery with appurtenances.

B. No. 2796 W. a/ 8 Nov./81

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

27th October 1881, No. 1583.

Read again—

Government Order, dated 6th September 1881, No. 1326.

Read also the following paper:—

No. 334. Endorsement of the Under Secretary to Government, Public Works Department, dated 11th October 1881, No. 2318.

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2. I should explain that there is so much silt and mud at the bottom of the well that it would cost Rs. 30 to have this removed.

3. I am unable to state for how many years the late arrack contractor had the use of this well.

Transferred to the Revenue Department with reference to its G.O., No. 1326, dated 6th September 1881.

(By Order.)

(Signed) J. PENNYCUICK, Major, R.E.,
Under Secretary to Govt., P.W.D.

No. 335. Order thereon, 27th October 1881, No. 1583.

Miscellaneous.

The Government sanction payment of Rs. 250 to the late contractor as compensation for the well sunk in the Government Distillery compound with appurtenances.

(True Extract.)

C. Master
Secretary to Government.

To the Public Works Department.
,, the Board of Revenue.
,, the Accountant-General.

Exd. J. W. Fischer.

65 Copies

Coll. 19 [illegible]

No. 2776 W d/ 8th Novr. 1881.

Communicated to the Supdg: Engr. 5th Circle

Indexed 11/11

S. E. 5th Circle
despd 8-11-81

P. W. C. No. 6428

Govt. of {1881} Madras.

REVENUE.

To

THE PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated October 27th.

Printed November 3rd.

Recd. 5th Nov. 81 *Encl.*

G.O., 27th October 1881, No. 1583.

19. S.C.

OCTOBER.
Nos. 334-335.

No. 2776 W D/ 8th November/81
B

SUBJECT.

Compensation.—Sanctioning payment of Rs. 250 to the late contractor as compensation for the well at Tondiarpett Distillery with appurtenances.

Entd in Receipt Regr with order
S. W.

No. 56 W

FROM

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,

To

Colonel R. H. Sankey, C.B.R.E.
Secretary to Government P. W. Dept.
Buildings and Roads

MADRAS, 1st November 1881.

One Enclosure

Sir,

I have the honor to forward herewith for transmission to the India Office, the Duplicate Packing Account of Stores brought for the Madras Harbour Works by the S. S. "Camorta", with the necessary remarks duly entered in that document.

I have the honor to be,
Sir,
Your most Obdt. Servt.

F. W. Harrowgood M. Inst. C. E.
Superintendent
M. H. Works

B No. 2775 W d/8th Novr./81

Ordered to be forwarded to the Home port.

A

Indexed 1/11

Despd 8/11/81

Home Despatch Clerk

Enclos: to be sent Home as a No. in the Packet

P. W. S. No. 638

Buildings and Roads

From,

The Superintendent
Madras Harbour Works

No. 56 W
Dated 1st November 1881
Recd: 2d

No. of Enclosures one

No. 2775 W D/8th November 1881
B

Entd. in Receipt Regr.

Packing Account

Forwards duplicate of stores by the S. S. "Camorta"

W. Thorden

D/W

C.F. 73.

Date taken out.	FOR WHAT PURPOSE.			Initials of clerk taking the paper or of attender.	Date returned.	Initi atte
	Department.	C. No.	Year.			