(1) பக்கங்களின் எண்ணிக்கை 40

(2) புதுக்கித் திருப்பிய நாள் 8/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(82)

PWD துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 2278

அச்சகம்
பலவகை

நாள் : 20. 8. 1889 ~~19~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

20 sheets

ஆவண. கா-1—18,006—15-6-87.

2278

20TH AUGUST 1889, No. 2278 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

From the Govt. of India, Military Dept., dated 14th June 1889, No. 1185 M.W.
" " " " 18th July " " 1399 M.W.

Telegram from the Secretary to the Government of Madras, Public Works Department, to the Secretary to the Government of India, Military Department, dated 5th August 1889.

Your 1185 M.W., 14th June, and 1399 M.W., 18th July. Additional grant Rs. 12,350 not required for Malapuram barracks. Please allot the money in part towards demand of Rs. 20,000 in my 1515 W., 7th June. Letter follows.

Telegram from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated 8th August 1889, No. 1568 M.W.

Your telegram 5th. Will new barracks, Malapuram, be finished this year ?

Telegram from the Secretary to the Government of Madras, Public Works Department, to the Secretary to the Government of India, Military Department, dated 12th August 1889.

Your 1568 M.W., 8th instant. New barracks, Malapuram, will be finished this year within grant Rs. 20,000 in current budget.

Telegram from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated 15th August 1889, No. 1626 M.W.

Your telegrams 5th and 12th instant. Transfer of additional grant Rs. 12,350 for Malapuram barracks towards renewing roofs of quarters, Ordnance lines, Madras, sanctioned.

ORDER—dated 20th August 1889, No. 2278 W., Public Works.

The sanction accorded by the Government of India to the transfer of Rs. 12,350 from the grant for the Malapuram barracks to the work of renewing roofs of the Ordnance lines at Madras, sanctioned in G.O., No. 1514 W., dated 7th June 1889, is communicated to the officers concerned for information and guidance.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" " " V "
" Examiner, Public Works Accounts.
" Military Department.
" Director-General of Ordnance.
"

Exd. J. Henricus.

Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated August, 20th.

Recd. *Encl.*

G.O., 20th Aug. 1889. No. 2278 W.

AUGUST.

Malapuram Barracks

Sanction accorded by the Government of India to the transfer of Rs. 12,350 from the grant for the — to the work of renewing roofs of the Ordnance lines at Madras, communicated to the officers concerned.

2278

3rd June 1889, No. 1462 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

From E. COLLEN, Esq., Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 10th May 1889, No. 894 M.W.

With reference to the correspondence relating to the provision of funds for the water-supply for the Lawrence Asylum at Ootacamund, ending with this office telegram No. 60 M.W., dated 10th January 1889, I am directed to state, for the information of the Governor in Council, that the Accountant-General, Public Works Department, has brought to the notice of the Government of India that Asylum funds are available for carrying out this work (*vide* the Public Works Department Proceedings of the Government of Madras, No. 412 W., dated 13th February 1889).

2. The Government of India were led to allot funds from the Imperial Military Works grant because the work appeared to be one which it was very desirable to carry out as soon as possible, and they believed that no Asylum funds could be made available (*vide* para. 3 of your letter No. 2140 W., dated 14th July 1888); but they have always been of the opinion that the cost of the work ought properly to be met from the Asylum funds. As this is now practicable, the sanction to the provision of funds for the work from the grant for Imperial Military Works is now withdrawn.

Order—dated 3rd June 1889, No. 1462 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, and the Committee of the Lawrence Asylum, through the Educational Department, in continuation of G.O., No. 412 W., dated 13th February 1889.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Educational Department.

Exd. J. Henricus.
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2

GENERAL.
ACCOUNT.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated June, 3rd.

Recd. *Encl.*

G.O., 3rd June 1889, No. 1462 W.

JUNE.

Water-supply for the Lawrence Asylum at Ootacamund

Letter from the Government of India withdrawing sanction to the grant made from Imperial Military Works for the —, communicated to the officers concerned.

2278

5th July 1889, No. 1782 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following paper :—

From Colonel E. COLLEN, Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 14th June 1889, No. 1185 M.W. (Accounts—Budget Estimate).

I am directed to acknowledge the receipt of the final issue of the Madras Military Works budget estimate for 1889-90, forwarded with your letter No. 1160 W., dated 1st May 1889.

2. In reply, I am to state, for the information of the Governor in Council, that the Government of India accept the budget estimate as now submitted, with the exception of item 12, class B works, water-supply, Lawrence Asylum, Ootacamund. Under the orders conveyed in Military Department No. 894 M.W., dated the 10th May 1889, no provision in the Military Works budget estimate is necessary for this work, and the item should accordingly be expunged. The amount (Rs. 12,350) entered against it should be transferred to the new barracks at Malapuram, item 1, class A work. Thus augmented, the provision for this work will apparently suffice to complete it during the current year, and I am to ask that His Excellency in Council may be moved to issue instructions that this may be done without fail.

Order—dated 5th July 1889, No. 1782 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, in continuation of G.O., No. 1462 W., dated 3rd June 1889.

2. Arrangements should be made to complete the barracks at Malapuram during the current official year as desired by the Government of India.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Military Department.

Exd. P. L. Pereira.
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3

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated July, 5th.

Recd.

Encl.

G.O., 5th July 1889, No. 1782 W.

JULY.

[illegible]

Madras Military Works Budget Estimate for 1889-90

Orders on letter from the Government of India remarking on the final issue of the —.

2278

31st July 1889, No. 2059 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Military Works.
Account.

Read—the following paper :—

From the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 18th July 1889, No. 1399 M.W.

I am directed to acknowledge the receipt of your letter No. 1515 W., dated 7th June 1889, forwarding a copy of the Proceedings of the Government of Madras in which sanction is accorded to an estimate, amounting to Rs. 51,598, for renewing the roofs of the 36 quarters in the Ordnance lines at Madras, and requesting a special grant of Rs. 24,900, inclusive of establishment and tools and plant charges, for expenditure on the work during the current year.

2. In reply, I am to state that the Government of India regret they are unable to make any special allotment for the work. As, however, it seems necessary to undertake the reconstruction of the roofs at an early date, I am to request that efforts may be made to provide the funds by reappropriation either from the grants for original works or repairs. There would be no objection to the allotment of funds to this work from the grant for Ordnance works if the Director-General of Ordnance agrees.

3. I am at the same time to express the regret of the Government of India that the buildings in question should have been allowed to fall into such a state of disrepair as to make their condition dangerous. The statement attached to the letter from the Superintending Engineer, V Circle, No. 1341, dated 28th May 1889, appears to show that the expenditure on the repairs of these buildings for years past has been inadequate; and the explanation given by the Superintending Engineer in para. 2 of his letter does not seem to the Government of India wholly satisfactory.

Order—dated 31st July 1889, No. 2059 W., Public Works.

Communicated to the Superintending Engineer, V Circle, who will submit any further remarks he may have to offer on the subject of para. 3 of the letter from the Government of India.

2. The Director-General of Ordnance will be requested to state whether he is prepared to make an allotment for the work from the grant at his disposal.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Military Department.
" Director-General of Ordnance.

Exd. J. Henricus.
Spare Copies

4

MILITARY WORKS.
ACCOUNT.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated July, 31st.

Recd.

Encl.

G.O., 31st July 1889, No. 2059 W.

JULY.

Ordnance Lines at Madras

Orders on letter from the Government of India stating its inability to make any special allotment for renewing the roofs of the —, and requesting that efforts be made to provide the funds required.

2278

5th August 1889, No. 2103 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Military Works.
Account.

Read—the following paper:—

From Colonel A. T. FRASER, R.E., Executive Engineer, West Coast Division, to the Superintending Engineer, IV Circle, dated Calicut, 18th July 1889, No. 391.

I have the honor to state in reply to your No. 395 W.C., dated 9th current, and G.O., No. 1782 W., dated 5th idem, that the extra grant of Rs. 12,350 will not be required for the barrack accommodation scheme at Malapuram, budget item 1, class A.

2. The following parts of it are those still incomplete and amounts unexpended:—

	RS.
Barracks	12,572
Lightning conductors	2,770
Bakery	1,840
Latrine	860
Hospital ward	516
Total ...	18,558

but for these the ordinary budget grant Rs. 20,000, already allotted, will suffice.

3. The reason is that there were savings in the case of the barracks completed to nearly the extra sum which will be made clear by comparing the amount of the estimate now compiled for the sanction of the Government of India Rs. 1,78,319 with the aggregate of all the estimates at their original amounts Rs. 1,91,412 as contained in G.O., No. 1122 W., dated 26th April 1889.

No. 339-E.W.

Forwarded to the Chief Engineer, Public Works Department, with reference to G.O., No. 1782 W., of 5th July 1889.

Ootacamund,
23rd July 1889.

(Signed) H. M. VIBART, Col., R.E.,
Superintending Engineer, IV Circle.

Order—dated 5th August 1889, No. 2103 W., Public Works.

In its letter No. 1185 M.W., dated 14th June 1889, printed with G.O., No. 1782 W., dated 5th July 1889, the Government of India ordered that the grant of Rs. 12,350 provided in the current year's Military Works budget estimate for water-supply, Lawrence Asylum, Ootacamund, should be transferred to the new barracks at Malapuram, and that instructions should be issued for the completion of the barracks during the current official year.

5

2. As the Executive Engineer now reports that the extra grant of Rs. 12,350 sanctioned for the barrack accommodation scheme will not be required, and that the budget grant of Rs. 20,000 will suffice for those parts of the project that are still incomplete and estimated to cost only Rs. 18,558, the Government of India will be requested to allot the sum of Rs. 12,350 to meet in part the demand of Rs. 20,000 for renewing the roofs of the quarters in the Ordnance lines at Madras (*vide* letter to the Government of India, No. 1515 W., dated 7th June 1889).

(Here enter No. 2104 W., dated 5th August 1889.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineers, IV and V Circles.
„ Examiner, Public Works Accounts.
„ Military Department.

ENDORSEMENT—dated 5th August 1889, No. 2104 W., Public Works.

Forwarded to the Government of India, Military Department, with the request that the allotment referred to in para. 2 of the Proceedings may be sanctioned at an early date.

(By order.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. J. Henricus.
Spare Copies

2278

MILITARY WORKS.
ACCOUNT.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated August, 5th.

Recd. *Encl.*

G.O., 5th Aug. 1889, Nos. 2103 W., 2104 W.

AUGUST.

Malapuram Barracks

Forwarding copy of Proceedings on letter from the Superintending Engineer, IV Circle, reporting amount required for expenditure on —, and requesting sanction to an allotment for renewing the roofs of the quarters in the Ordnance lines at Madras.

7th June 1889, Nos. 1514, 1515 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—again the following paper:—

G.O., dated 5th August 1887, No. 2096 W., Public Works.

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 27th July 1887, No. 1833.

I have the honor to state that an estimate of Rs. 10,305 was prepared last year under Colonel Burton's orders for reroofing with Mangalore mission tiles six blocks containing 12 quarters in the Ordnance Lines, Madras. The estimate, however, was not sent on for sanction as it was considered unlikely that funds would be available for the work.

2. Owing to the decay of the palmyra rafters and reepers of which the roof is composed the buildings leak very much during the rainy season, and there is constant expenditure in shifting tiles and renewing decayed rafters; it was proposed, therefore, to renew the roofs with teakwood rafters and Mangalore tiles, to put in hand 12 quarters at a time, and to have the whole 36 quarters reroofed in three years. It would cost Rs. 30,915 to reroof the 36 quarters.

3. Upon an urgent representation from the Ordnance Department of the necessity of having these quarters repaired, an estimate of Rs. 12,790 has been made for repairing the 36 quarters. But I consider that repairs to the existing roofs in their present extremely decayed state must necessarily prove ineffectual in a very short time, and I recommend that funds should be provided to the extent of Rs. 10,305 in this year and in each of the two following years for the reroofing of these quarters as proposed. If funds be thus provided, it will still be necessary to carry out the present repair estimate, two-thirds this year and one-third next year.

4. As from their extreme decay the roofs must be in a dangerous state, it would be advisable to put in hand at once the reroofing of the whole 36 quarters or a larger number than 12, but it would probably be found difficult to vacate more than 12 quarters at a time.

5. I have the honor to request that I may be informed at an early date whether funds can be made available for the work as recommended in para. 3 above.

Order—dated 5th August 1887, No. 2096 W., Public Works.

The Superintending Engineer will prepare an estimate for the total cost of renewing the roof of all the 36 quarters attached to the Ordnance Lines, Madras, and submit for sanction of the Government. On receipt of the estimate the Government of India will be requested to sanction a special grant for the work to the extent required during the current official year.

2. In the meanwhile the Superintending Engineer will arrange to execute such of the repairs as are urgent from the repair grant at his disposal.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Government, P.W.D.

Read—also the following papers :—

From Major-General H. McLEOD, R.A., Inspector-General of Ordnance, to the Secretary to Government, Military Department, dated Fort St. George, 10th January 1889, No. G.-133.

I have the honor to forward, for the approval of Government in the Military Department and for transfer, if approved, to the Public Works Department for disposal, an estimate, amounting to Rs. 51,598, for renewing the roofs of the whole 36 quarters in the Ordnance Lines at Madras with teak woodwork and Mangalore tiles.

2. The Superintending Engineer, V Circle, states that the estimate has been prepared in accordance with G.O., No. 2096 W., Public Works, dated 5th August 1887.

3. The necessity for the work is pointed out in the report accompanying the estimate, but I would beg to bring to the notice of Government the very dilapidated and almost dangerous condition of the roofs and the necessity that exists for their immediate repair. During the recent rains most of the quarters were flooded throughout and the palmyra rafters are in many cases eaten through by white-ants, and I therefore solicit that funds may be allotted and the work put in hand as early as possible.

4. The Director-General of Ordnance in India states that he is unable to allot any funds for the purpose, as those placed at his disposal by the Government of India are not for "repairs," but for "original works" and "alterations" only.

No. 312, Military.

Approved and transferred to the Public Works Department for disposal.

(By order.)

Fort St. George,
16th January 1888.
(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

Letter from the Inspector-General of Ordnance, dated 6th April 1889, No. G./1.
Endorsement thereon by the Military Department, dated 9th April 1889, No. 2419.

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 28th May 1889, No. 1341.

In reference to your memorandum No. 1883 C., dated 12th April 1889, and No. 420 C., dated 29th January 1889, I have the honor to forward a statement showing the expenditure incurred in repairing the roofs of the 32 quarters of Warrant officers and Non-Commissioned officers of the Ordnance Department (Ordnance Lines), Madras, since 1881-82. In 1879-80 and 1880-81 Executive Engineer reports that the records are not available.

2. The expenditure on the roofs being so small is explained by the action of the Executive Engineer being based upon the necessity of either entirely renewing the roofs or of doing scarcely anything to them; these roofs are supported on palmyra couples and rafters and teakwood battens; they constantly and invariably leak during rain; palmyra rafters cannot be now purchased and, even if they could, to replace one is to disturb and necessitate renewal of perhaps half of the whole roof of each one block; so that there seems to me, as to Colonel Prendergast and Colonel Vibart, no intermediate course to pursue other than a gradual renewal of the whole of the roofs of the sixteen blocks of buildings with teak rafters and battens, Mangalore tiles and teak ceilings.

2278

Enclosure.

Statement showing the expenditure incurred in repairing the roof of the Ordnance Lines buildings during the last ten years.

Name of work.	Year.	Expenditure.	Remarks.
		RS.	
Madras Ordnance Lines buildings—Repairing roofs.	1879-80 ..	..	Records not available.
	1880-81 ..	..	
	1881-82 ..	76	
	1882-83 ..	..	No outlay.
	1883-84 ..	979	
	1884-85 ..	..	No outlay.
	1885-86 ..	18	
	1886-87 ..	55	
	1887-88 ..	..	No outlay.
	1888-89 ..	1,282	Up to end of January 1889.

(Signed) W. H. BURTON, Col., R.E.,
Superintending Engineer, V Circle.

Note by the Chief Engineer, General, Buildings and Roads Branch, Public Works Department.

The arrangement of the rafters for the proposed new roofs of the quarters in the Ordnance Lines does not appear the best possible, and the Superintending Engineer should consider whether it would not be advisable to provide trusses of the pattern shown on the plan which accompanied the estimate. As there appears to be no doubt that the roofing throughout the lines is in bad order owing to the decay of the palmyra rafters, the Chief Engineer is of opinion that thorough renewal is necessary, and the estimate of Rs. 51,598 is accordingly recommended for sanction.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
3rd June 1889. Ag. Chief Engineer, P.W.D.

Order—dated 7th June 1889, No. 1514 W., Public Works.

The estimate, amounting to Rs. 51,598, for renewing the roofs of the whole 36 quarters in the Ordnance Lines at Madras, is sanctioned.

2. Attention is drawn to the note by the Chief Engineer, Public Works Department, above recorded.

3. As it is doubtful whether the Government of India will allot the whole amount at once as a special grant, and as the Superintending Engineer has reported in his letter No. 1833, dated 27th July 1887, that it would probably be difficult to vacate more than 12 quarters at a time, the Government of India will be requested to provide Rs. 20,000 for expenditure in the current official year.

4. The sanction accorded in para. 1 of these Proceedings has been registered as Imperial No. 4 W. of 1889-90 and classified as Military, Original Works.

(Here enter No. 1515 W., dated 7th June 1889.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, V Circle,
with four enclosures.
" Examiner, Public Works Accounts,
with general abstract estimate.
" Military Department.
" Director-General of Ordnance.

8

Letter—to the Secretary to the Government of India, Military Deprtment, dated Ootacamund, 7th June 1889, No. 1515 W.

In forwarding a copy of Proceedings of this Government, No. 1514 W., dated 7th June 1889, I am directed to request that a special grant of Rs. 20,000 or Rs. 24,900 inclusive of "Establishment" and "Tools and Plant" charges may be provided at an early date.

2. The necessity for the early completion of the work is explained in the papers printed with the accompanying Proceedings, and it is not possible to provide the amount by reappropriation.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. J. Henricus.
Spare Copies

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9

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated June, 7th.

Recd. *Encl.*

G.O., 7th June 1889, Nos. 1514 W., 1515 W.

JUNE.

Ordnance Lines at Madras

Requesting that a special grant of Rs. 20,000 or Rs. 24,900 inclusive of "Establishment" and "Tools and Plant" charges may be provided at an early date on account of the work of renewing the roofs of the whole 36 quarters in the —.

2278

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following papers:—

From the Superintending Engineer, IV Circle, dated 28th January 1889, No. 45-E.W.
Memorandum to „ „ IV „ „ 2nd February „ „ 497 C.

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 12th April 1889, No. 165-E.W.

With reference to your memorandum, dated 2nd February 1889, I have the honor to submit a statement showing the outlay on each of the component parts of the new barracks at Malapuram.

2. The present state of the works is given in the column of remarks.

Enclosure.

Statement showing the outlay on each of the component parts of the new Barracks at Malapuram to end of January 1889.

Item No.	Name of work.	Amount of estimate.	Government Order sanctioning the estimate.	Circle Register Number.	Expenditure to end of January 1889.	Remarks.
		RS.			RS.	
1	Constructing barracks for a detachment of British Infantry at Malapuram.	1,31,610	G.O., No. 580 W., 3rd March 1884.	92, 1883-84.	1,19,521	Completed.
2	Converting the old library at Malapuram into a kitchen and drying room.	514	G.O., No. 1275 W., 2nd June 1885.	17, 1885-86.	365	Do.
3	Converting the present wood godown at Malapuram into a bakery.	880 105	G.O., No. 2845 W., 27th Nov. 1885. G.O., No. 560 W., 24th Feb. 1887.	59, 1885-86. 81, 1886-87.	947	Do.
4	Constructing a slaughter-house and hanging-shed at Malapuram.	2,090	G.O., No. 1416 W., 17th June 1885.	36, 1885-86.	1,735	Do.
5	Constructing a cattle-pen at Malapuram.	603	G.O., No. 2305 W., 13th Sept. 1886.	54, 1886-87.	553	Do.
6	Constructing barracks with outhouses at Malapuram.	38,940	G.O., No. 1570 W., 11th June 1887.	17, 1887-88.	25,040	This is a block for fifty men which is now being roofed. One-third of the block roofed, plastering and pointing complete. Asphalte floor in progress, middle third verandah roof complete and main roof in progress, floor unfinished, the third to north verandah roof in progress, main walls up to wall plate.
7	Alterations and improvements to the existing canteen, Malapuram.	5,470	G.O., No. 1733 W., 29th June 1887.	36, 1887-88.	4,584	Completed.
8	Constructing additional drains for the barracks of the detachment, British Infantry, Malapuram.	1,930	G.O., No. 2271 W., 24th Aug. 1887.	53, 1887-88.	1,489	Do.
9	Constructing a new contagious disease ward in the hospital compound at Malapuram.	1,800	G.O., No. 1491 W., 21st May 1888.	23, 1888-89.	1,284	Almost finished. Main roof complete, asphalte floor, plastering and pointing complete. Doors and window-shutters being fixed.

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Statement showing the outlay on each of the component parts of the new Barracks, &c.—*cont.*

Item No.	Name of work.	Amount of estimate.	Government Order sanctioning the estimate.	Circle Register Number.	Expenditure to end of January 1889.	Remarks.
		RS.			RS.	
10	Providing lightning conductors to the barracks and hospital at Malapuram.	4,770	G.O., No. 2538 W., 18th Aug. 1888.	49, 1888-89.	27	Work being commenced. Rs. 1,932 paid in February 1889 for materials.
11	Extensions and improvements to the bakery at Malapuram.	1,840	G.O., No. 3165 W., 8th Oct. 1888.	60, 1888-89.	..	Not yet commenced. Materials only collected and excavation for foundation in progress.
12	Improvements to the ventilation of the latrine attached to the block No. I of the barracks at Malapuram.	860	G.O., No. 3737 W., 27th Nov. 1888.	72, 1888-89.	..	Such portion of the work as was considered urgent by the Military authorities has been completed; remainder in progress.
13	Quarters for the Commissariat Serjeant at Malapuram.	2,270	G.O., No. 2687 W., 20th Aug. 1888.	52, 1888-89.	..	Not commenced.
	Total ..	1,93,682			1,55,545	

Ootacamund,
12th April 1889.

(Signed) A. C. SMITH, Lt.-Col., R.E.,
Superintending Engineer, IV Circle.

Order—dated 26th April 1889, No. 1122 W., Public Works.

In the statement submitted by the Superintending Engineer, the total amount of the sanctioned estimates for the new barracks at Malapuram is shown as Rs. 1,93,682, while the amount as quoted in G.O., No. 3737 W., dated 27th November 1888, is Rs. 1,91,412. The difference is due to the inclusion by the Superintending Engineer of an estimate of Rs. 2,270 for the Commissariat Serjeant's quarters, sanctioned in G.O., No. 2687 W., dated 30th August 1888. There seems no reason why this estimate, which provides for an entirely separate work, should be included in the general estimate for the barracks, the amount of which will accordingly be fixed at Rs. 1,91,412. Any further additions hereafter considered necessary must be provided for on separate estimates.

2. The Superintending Engineer will, in due course, submit a completion report for communication to the Government of India.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.
„ Military Department.

Exd. J. Henricus.
Spare Copies

2278

11

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated April, 26th.

Recd. *Encl.*

G.O., 26th April 1889, No. 1122 W.

APRIL.

New Barracks at Malapuram

Orders on letter from the Superintending Engineer, IV Circle, submitting statement of outlay on the —.

No. 3642 C of 12th Aug. 1889

2278 P.W.D.

Deferred telegram
dated 12th August 1889

To
Military,
Simla

Your 1568 M.W. eighth instant.

New barracks Malapuram will be finished this year within grant Rs. 20,000 in current budget.

12.8.89

Recd
14.8.89

Copy to W for information

12

2276

No. 3534 C d/5th August 1889

2278 P. W. D.

Deferred Telegram.
Dated 5th August 1889

From Madras Works

To Military
Simla.

Your 1185 E. W. fourteenth June and 1399 E. W. eighteenth July. Additional grant Rupees 12,350 not required for Malapuram barracks. Please allot the money in part towards demand of Rupees 20,000 in my 1515 W seventh June. Letter follows.

Sd/ W. L. C. B
29-7-89

Sd/ R. R. E. D B
W
30-7-89

13

P. W. Department.

2278

Deferred Telegram.
Dated 8th August 1889.

From.

Military

Simla.

1568 M. your telegram fifth. Will new barracks Kalapuram be finished this year.

No. 3534 C d/5th Augt. 1889 P. W. D.

2278

21P

Deferred Telegram

From Madras Works
To Military
Simla

Your 1185 M.W. fourteenth June _ and 1399 M.W. eighteenth July _ Additional grant Rupees 12,350 not required for Malapuram barracks. Please allot the money in part towards demand of Rupees 20,000 in my 1515 W seventh June _ Letter follows.

WCB
29.7.89

Cr

Rhodes
30.7.89

Note _ Proposed to despatch this Telegram after the draft order on Circ 6874 is passed _

Cr
29.7.89

Tel: Despd.
5/8/89

× 2103-4 W d/5.8.89 in progress.

H1

No. 3534 C d/5 Augt. 1889

2228

F.C. 1/a

Class 3/5

INDIAN TELEGRAPH.

Local No. 440

To (Station) Ootacamund

From (Station) Simla

2P

Words.	Day.	Hour.	Minute.
20/4	8	18	53

Official Instructions. Spd.

To (Person)

From (Person) Mily

Madras

Works

SECRETARY TO GOVERNMENT -9 AUG. 89 P.W. DEPARTMENT, MADRAS.

1568 M.

your telegram fifth will new barracks malapuram be finished this year.

16

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

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

Date OOTACAMUND 9.8

Telegraph Master.

74/2318

RATES OF CHARGE FOR INLAND TELEGRAMS.

The address (including name of Sender and name and residence of Addressee) is transmitted free.

	First 8 words.	Each additional word.	
Deferred Message	... 8 Annas	... 1 Anna.	A group of 3, or less figures, is reckoned as one word.
Ordinary "	... 1 Rupee	... 2 Annas.	
Urgent "	... 2 Rupees	... 4 Annas.	

No charge for delivery within a distance of 5 miles.

- 12. -

To D.W.

3536C 3-5-8-89

No. 3642C d/12-8-89

The telegram of the 5th probably went from Madras. If so, reply direct, and send a copy of the reply for record here -

Rue.DM
10.8.89 W

No. 3642C d/12 Aug/1889

C/

2278 P.W.D.

Deferred Telegram 4P

To Military,
Simla

Your 1568 M.W. eighth instant. New barracks Malapuram will be finished this year within grant Rs 20,000 in current budget.

Tel: desp.d 12/8/89

MCB
12.8.89

Copy to W, Oot.y.

(Copy with copies of 3534C d/5-8-89 & of Current No. 7473 sent to Oot.y)
13/8/89

~~16~~ 17

Cu

No. 3534 C d/ 5-8-89
" 2103-4 W " 5-8-89
" 1782 W " 5-7-89
" 1514-5 W " 7-6-89
" 1122 W " 26-4-89

Telegram

No. 3642 C d/ 12th Aug

96
5318

2228 5P 716

C¹

Class DS	INDIAN TELEGRAPH.		Local No.
To (Station) Ootacamund		From (Station) Simla	

Words.	Day.	Hour.	Minute.	Official Instructions.
37-4	15	18	40	defd

To (Person) Madras Works

From (Person) Mily

1626 M. W. Your Telegrams fifth and twelfth instant transfer of additional grant rupees twelve thousand three hundred fifty for Malapuram barracks toward renewing roofs of quarters ordnance lines Madras sanctioned

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

Date

Telegraph Master.

OOTACAMUND 15-8-89

RATES OF CHARGE FOR INLAND TELEGRAMS.

The address (including name of Sender and name and residence of Addressee) is transmitted free.

		First 8 words.		Each additional word.	
Deferred Message	...	8 Annas	...	1 Anna.	A group of 3, or less figures, is reckonec as one word.
Ordinary „	...	1 Rupee	...	2 Annas.	
Urgent „	...	2 Rupees	...	4 Annas.	

No charge for delivery within a distance of 5 miles.

Ry 20.8.89

Opened [illegible]

O.S. 75/P.

No 2278 W

2278

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20. Aug 89

READ the following

From the Govt of India Mily: Deptt	H. E.	No: 1185 Mw	d/ 14th June '89
— Do —	Do —	H. E.	No: 1399 Mw.	d/ 18th July '89
Telegram to —	Do —	H. E.	No: —	d/ 5th Aug: 89
— Do — from —	Do —	H. E.	No: —	d/ 8th Aug: 89
— Do — to —	Do —	H. E.	No —	d/ 12th Aug: 89
— Do — from	Do —	H. E.	No —	d/ 15th Aug: 89

GP

The sanction accorded by the Govt. of India to the transfer of Rs 12,000 from the grant for the Mullapuram Barracks to the work of renewing roofs of the Ordnance Lines at Madras, sanctioned in G.O. 1514 W d/ 7th June 1889, is communicated to the officers concerned for information and guidance

Rueson
16.8.89

To The S.E. IV Circle
" S.E. V Circle
" Exr P.W.A.
" Mily Deptt.
" Director Genl of Ordnance

24/8

19

2228

Private [illegible]

13 may

P1

20

Ord.7578. M.1078.-

8

Govt. of (18) Madras.

PUBLIC WORKS.

Urgent

20/8

Dated

Recd

G.O., 20 Augt 1889 No. 2275 W.

Mallapuram barracks

=

Sanction accorded by the Govt. India to the transfer of Rs 12350 from the grant for the — to the work of renewing roofs of the Ordnance lines at Madras, Comm^d to the ~~[illegible]~~ officers concerned.

X 100/7

20

20/8