

POLITICAL

11th February 1886, No. 904.

Communications—Telephone.

Read the following papers :—

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No. 104. *From Colonel H. P. HAWKES, Officiating Commissary-General, to Lieutenant-Colonel A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Madras, 11th December 1885, No. 5862.*

The Government Bakery at this station is four miles distant from the office of the Executive Commissariat Officer in the Fort.

2. During the trooping season details of British troops are constantly arriving at, and departing from, Madras, St. Thomas' Mount, Poonamallee and Pallavaram, all of which stations are supplied by the bakery.

3. Frequent changes often unavoidably occur in the strength of the details in movement, and the dates of their arrival and departure are often altered at the very shortest notice.

4. Bread-making is a long process, and meat cannot be killed and prepared for food without considerable notice, it is therefore of the utmost consequence that rapid means of communicating with the bakery and slaughter-house should be at the disposal of the Commissariat Officer.

5. At present he can only send a foot messenger or a muleteer and thus much valuable time is lost.

6. I have ascertained from the Chief Superintendent of Government Telegraphs that telephonic communication could be made and maintained between the Commissariat Office in the Fort and the Government Bakery at a monthly cost of Rs. 37, and I trust that Government will be pleased to sanction the same.

* Letter, No. 6348, dated 8th December 1885,
from the Executive Commissariat Officer,
Madras.

Madras.
Letter, No. 4561, dated 4th December 1885,
from the Chief Superintendent, Government
Telegraphs, Madras Division, with schedule.

7. Copies of letters * from the Executive Commissariat Officer and from the Superintendent, Electric Telegraphs, are enclosed for reference if necessary.

From Lieutenant-Colonel E. A. BRUCE, Executive Commissariat Officer, to the Commissary-General, Madras; dated Fort St. George, 8th December 1885, No. 6348.

In continuation of this office No. 5544, dated 5th November 1885 (copy herewith), I have the honor to enclose a copy of a letter addressed by me to Mr. P. V. Luke, Chief Superintendent, Telegraph Department, relative to the initial cost and up-keep of a telephone between my office in the Fort and the Government Bakery at Teynampet.

I enclose Mr. Luke's reply, in original, from which it will be seen that the cost of	Rs.
the wire comes to	324
Rent and maintenance of two telephones complete	120

Total ... 444

MILES.

The distance from the Fort to the bakery is ...	...	...	...	...	...	4
And from the bakery to the slaughter-house ...	...	...	...	...	...	1½

Total ... 54

His Excellency the Viceroy.

Appointing a Committee to make suitable arrangements for the departure only of — from Madras, his arrival being private.

With order
with order

During the trooping season the constant changes of arrival and departure of troops necessitate almost daily communication during office hours with the bakery relative to the increase and decrease of the quantities of bread, meat and flour to be issued.

In addition to this, owing to the rifle ranges of the South Wales Borderers being situated at Pallavaram, on an average two or three times a week changes of strength takes place: in some cases men are returning to Madras, in the others going to Pallavaram, necessitating extra rations next morning at Madras and less at Pallavaram and *vice versa*.

To convey this information a mounted orderly or messenger on foot has to be sent to the Superintendent, Government Bakery, which causes much inconvenience and delay, more especially during such an important time as the embarkation of troops for the British Burma Expeditionary Force, when this office was in constant communication with the Bakery.

2. May I request you will kindly obtain the sanction of Government to this office being put in direct telephonic communication with the Government Bakery.

From P. V. LUKE, Esq., C.I.E., Chief Superintendent, Government Telegraphs, Madras Division, to Lieutenant-Colonel E. A. BRUCE, Executive Commissariat Officer; dated Madras, 4th December 1885, No. 4561.

With reference to your No. 6110 of 30th ultimo, I have the honor to enclose a schedule of the rates charged by the Telegraph Department for Telephone lines and instruments.

2. The cost of establishing telephonic communication between your office in the fort and the bakery in Teynampet will be as under :—

By the nearest route the distance is about $4\frac{1}{2}$ miles or—

	RS.
9 half miles of wire, at Rs. 36 each	324
2 telephones (complete) at Rs. 60 "	120

Total per annum for rent and maintenance	...	444
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GOVERNMENT TELEGRAPH DEPARTMENT.

APPENDIX TO CIRCULAR MEMO. NO. 2 (TELEPHONE) OF 1884.

Telephone Rates charged to Public Offices, Municipalities, State and Guaranteed Railways, and Private Firms or Individuals for Exchange connections or Private Lines on and after 1st January 1885.

	Per Annum.
Rent and maintenance of each telephone transmitter and receiver	60
For each connection to a Central Exchange if the Central Exchange be not worked by the Telegraph Department... ..	30
For each connection to a Central Exchange if the Central Exchange be worked by the Telegraph Department for each 8 hours of service, provided there be 20 or more connections	60
For each connection to a Central Exchange if there be less than 20 connections	30
<i>plus</i> the sum of Rs. 600 per annum for the services of an operator for 8 hours of service.	
For an extra bell connection	10
In addition to the above rates, per half mile of wire per annum according to distance	36

EXAMPLES OF CHARGING

I.—15 Government offices, police stations, or Municipal offices joined to an exchange instrument at the kutcherry, length of wire circuits 2½ miles.

Exchange not worked by Telegraph Department—

Wire circuits (over 18 half miles), 19 half miles at Rs. 36	...	...	...	Rs. 684
15 telephones at out-stations	} 16 at Rs. 60	...	...	960
1 telephone at Exchange		...	...	...
15 indicator connections at Rs. 30	...	...	...	450
Total	...	2,094		

II.—25 offices joined to and worked by an exchange at a Government Telegraph Office for 8 hours, length of circuits 20 miles—

							RS.
Wire circuits, 40 half miles at Rs. 36	...	...	...	...	...	...	1,440
25 out-station telephones, at „ 60	...	...	...	...	...	...	1,500
25 connections to Exchange at „ 60	...	...	...	...	...	...	1,500
						Total	<u>4,440</u>

III.—18 offices joined to an exchange at a Telegraph Office and worked for 8 hours, length of circuits 11 miles—

						RS.
22 half miles of circuits at Rs. 36	...	...	...	...	...	792
18 out-stations, at " 60	...	...	...	...	...	1,080
18 connections to switch at Rs. 30	...	...	...	...	...	540
1 operator at Rs. 600	...	...	...	...	...	600
					Total	3,012

IV.—18 offices joined to an Exchange at a Telegraph Office and worked for 16 hours, length of circuits 11 miles—

	Rs.
22 half miles at Rs. 36	792
18 out-stations at Rs. 60	1,080
18 connections to Exchange at Rs. 30	540
2 operators at Rs. 600	1,200
Total ...	<u>3,612</u>

V.—A private line between two offices situated 2,500 yards apart—

	Rs.
2,500 yards charged as for 3 half miles of line at Rs. 36	108
2 telephones (complete)	120
Total	228

VI.—A private line connecting three offices in one circuit (an arrangement not recommended), the total length of circuit being 2,500 yards—

							RS.
3 half miles of line at Rs. 36	...	...	...	...	...	...	108
3 telephones (complete)	...	...	...	...	...	...	180
						Total	288

VII.—A private line connecting a mill with a dwelling house 2,500 yards distant, the telephone in the dwelling house being in one room and an extra bell in connection with it in another—

							RS.
3 half miles of line, at Rs. 36	...	...	...	...	...	...	108
2 telephones (complete)	...	...	...	...	...	...	120
Extra bell connection	...	...	...	...	...	...	10
						Total	238

CONDITIONS.

I.—The above charges include the expenses of the first inauguration; but, should a subscriber, by changing his residence or office, require the connections to be altered, a fixed charge of Rs. 36 will be made to cover the expenses of such alterations.

II.—In a case where an alteration may cause an addition to or decrease of the wire mileage, the subsequent rental will be proportionately increased or decreased, as the case may be, notwithstanding the charge for the actual alteration.

III.—It is to be distinctly understood that the Department will not undertake to maintain or to supply battery material for any apparatus that is not the property of the department.

IV.—Lines without instruments can, however, be supplied and maintained at the rates quoted above.

V.—FOR LINES FOR PUBLIC OFFICES, MUNICIPALITIES, AND STATE AND GUARANTEED RAILWAYS.—Bills are prepared half-yearly in arrears on the 30th June and 31st December of each year. The first bill is for the broken period to the end of the half year. Subsequent bills are for complete half-years. No complete line or connection to an exchange can be given up without three months' notice, and if given up within twelve months of its first inauguration a twelve months' rent will be charged.

VI.—FOR LINES FOR PRIVATE FIRMS OR INDIVIDUALS.—Bills are prepared annually in advance on the 1st January of each year. But should a subscriber wish to be supplied with a line on any other date than the 1st January, he shall, in respect of the then current year, be required to pay in advance a proportionate part only of the total annual rent payable by him. Charges for alterations or extra rent for extensions in respect of the then current year are payable on the completion of alteration or extension. No line or connection to an exchange can be given up without three months' notice or three months' rent in lieu of such notice, and further, if given up within twelve months of its first inauguration, twelve months' rent will be charged.

No. 105. *With report from Controller of Military Accounts ; 6th Jan. 1886, D.*

No. 106. *To the Secretary to the Government of India, Military Department ; dated 8th January 1886, No. 178.*

No. 107. *From Colonel O. R. NEWMARCH, Officiating Secretary to the Government of India, Military Department, to Lieut.-Col. A. KENNEY-HERBERT, Secretary to Government, Military Department ; dated Fort William, 3rd February 1886, No. 215-B.*

Communications—Telephone.

In reply to your docket, No. 178,* dated the 8th January 1886, I am directed to say, for the information of the

* Enclosures returned.

Governor in Council, that the Government of India sanction the establish-

ment of telephonic communication between the Commissariat Office, Fort St. George, and the Government bakery at Teynampet, at a cost of Rs. 37 per month.

2. I am at the same time to suggest, for the consideration of His Excellency in Council, that some saving in the establishment of messengers, &c., may be possible in consequence.

No. 108. ORDER THEREON, 11th February 1886, No. 904.

The sanction of the Government of India communicated to the Public Works Department, the Commissary-General and the Controller of Military Accounts.

2. The Commissary-General will report through the Controller on the suggestion in para. 2.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Public Works Department.

„ Commissary-General.

„ Controller of Military Accounts.

Ltd A. F. Aaron.

MILITARY.

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

Dated February, 11th.

Issued

Recd.

Encl.

G.O., 11th February 1886, No. 904.

FEBRUARY.
Nos. 104—108.

Communications—Telephone.

Commissariat Office, Fort St. George, and the Government Bakery, Teynampet.—Sanction of the Government of India to the establishment of telephonic communication between the —, at a cost of Rs. 37 per month, communicated to departments concerned, and the Commissary-General directed to report whether some saving in the establishment of messengers, &c., may be possible in consequence.

GOVERNMENT OF MADRAS.
MILITARY DEPARTMENT.

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4. Bread-making is a long process, and meat cannot be killed and prepared for food without considerable notice, it is therefore of the utmost consequence that rapid means of communicating with the bakery and slaughter-house should be at the disposal of the Commissariat Officer.

5. At present he can only send a foot messenger or a muleteer and thus much valuable time is lost.

6. I have ascertained from the Chief Superintendent of Government Telegraphs that telephonic communication could be made and maintained between the Commissariat Office in the Fort and the Government Bakery at a monthly cost of Rs. 37, and I trust that Government will be pleased to sanction the same.

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Secretary to Government.

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Ld A. F. Aaron.

Gobt. of {1886} Madras.

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To
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DEPARTMENT,
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Dated February, 11th.

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With order

has been registered
as Provincial No. 64W
of 1885-86, and classi-
fied as Establish-
ment, Temporary.

25/2/86

23.2.86

B. K. 409 W. 24 July

Ch. Supt of Tels. M. Du
S.E. I fire
Ex. P.W. accts.
Mily Dept

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Comp. archt. to Govt.
Ex. P.W. accts.