

Public Works (1894) Department.

RAILWAY BRANCH.

G.O., No. 429. R

DATED 9th August

[Despatch Abstract.]

Arkonam Station — Revised estimate
of Rs 17,230 for lighting the — and yard
Madras Railway by electricity, Sanctioned.

BACK PAPERS.

[illegible]

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

9TH AUGUST 1894, No. 429 B., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers :—

From the Agent and Manager, Madras Railway, to the Consulting Engineer for Railways, dated Madras, 19th August 1893, No. 724.

I have the honour to forward herewith the plan and estimate for lighting the Arkonam station and yard by electricity and to request that the sanction of Government may be conveyed to me for the required outlay Rs. 16,000, chargeable to Capital.

2. This work appears as item No. 25, schedule B of the current budget.
3. In explanation of the necessity for the work, the Traffic Manager writes—

" For a considerable time complaints have periodically arisen in consequence of the defective lighting of the Arkonam station platforms and yard.

"The present cost of lighting the Arkonam station, including the consumption of oil and repairs to lamps, &c., is estimated at Rs. 143-4-2 per mensem, but to thoroughly light the station yard the estimated cost may be said to be over Rs. 200, as the present number of oil lamps would have to be very considerably increased.

"No steps have been taken to increase the number of oil lamps, because, as you are aware, for several years we have had provision in the budget for lighting by electricity.

"Some of the advantages of a perfect light at Arkonam may be enumerated—

"(a) Yard robberies from wagons would be almost an impossibility.

"(b) A saving of Rs. 14 per mensem might be made in the watching staff.

(c) The work of forming trains would be considerably accelerated and probably a saving in engine power would result.

"(d) Tranship work with the electric light might also be carried on during the night in emergencies and rolling stock be released.

" (e) The liability of the working staff to accident would also be decreased, for the yard, as you are aware, is at present not lighted in any way.

"The present light is admittedly unequal to the demands upon it, and difficulties will increase under the revised train service when the North and South-west line mixed trains make up their loads at Arkonam between 22 o'clock and midnight.

"The introduction of the electric light at Arkonam would undoubtedly be a source of satisfaction to the public in addition to the advantages already alluded to, and the present feeble system of lighting as compared to the electric light may be described as a mere rush light."

4. The cost of maintenance is estimated by the Telegraph Engineer at Rs. 198 per mensem, but it is considered that the actual cost will come well within this figure.

5. I concur with the Traffic Manager in considering that the introduction of electric lighting at Arkonam will result in economy, while at the same time it will greatly add to the convenience of working the station, and, as the Telegraph Engineer is on the spot, I have no doubt that the proposed lighting will prove a success.

6. Information as to provision in the budget and date on which sanction will lapse is given on the estimate.

From the same officer, dated Madras, 5th July 1894, No. 7679/511.

I have the honour to retransmit herewith the estimate for lighting the Arkonam station yard by electricity, which was returned with your letter No. 1664 of the 28th May 1894. The estimate has been revised in the light of the remarks of the Government Examiner. A copy of the Telegraph Engineer's letter is enclosed for your information.

2. Information as to revised provision in the budget and date on which sanction will lapse is given on the estimate.

ORDER—dated 9th August 1894, No. 429 R., Public Works.

The estimate, as now revised, amounting to Rs. 17,230, chargeable in the proportion of Rs. 16,000 to Capital and Rs. 1,230 to Revenue, for lighting the Arkonam station and yard by electricity, is sanctioned.

2. This sanction has been registered as No. 7 R. of 1894-95.

(True Extract.)

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

To the Agent and Manager, Madras Railway, with plan and estimates
„ Examiner, Railway Accounts.

RAILWAY.

Gobt of {1894} Madras.
PUBLIC WORKS.

Dated August, 9th.

Recd.

Encl.

G.O., 9th Aug. 1894, No. 429 R.

AUGUST.

Arkonam Station

Revised estimate of Rs. 17,230 for lighting the — and yard, Madras Railway, by electricity, sanctioned.

(No. L)

5000-15-3-89.

No. 728

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 19th August 1893.

From

The Agent and Manager,

Madras Railway Company,

To

The Consulting Engineer for Railways.

M a d r a s.

SIR,

I have the honor to forward herewith the plan and estimate for lighting the Arkonam station and yard by Electricity and to request that the sanction of Government may be conveyed to me for the required outlay Rs.18,000/- chargeable to Capital.

2. This work appears as item No.25, Schedule B., of the current budget.

3. In explanation of the necessity for the work the Traffic Manager writes:-

"For a considerable time complaints have periodically arisen in consequence of the defective lighting of the Arkonam station platforms and yard.

"The present cost of lighting the Arkonam station, including the consumption of oil and repairs to lamps, &c., is estimated at Rs.148-8-2 per mensem, but to thoroughly light the station yard, the estimated cost may be said to be over Rs.200/-, as the present number of oil lamps would have to be very considerably increased.

"No

"No steps have been taken to increase the number of oil lamps, because, as you are aware, for several years we have had provision in the budget for lighting by electricity.

"Some of the advantages of a perfect light at Arkonam may be enumerated.

(a) Yard robberies from wagons would be almost an impossibility.

(b) A saving of Rs.14/- per mensem might be made in the watching staff.

(c) The work of forming trains would be considerably accelerated, and probably, a saving in Engine power would result.

(d) Tranship work with the electric light might also be carried on during the night in emergencies, and rolling ^{stock} be released.

(e) The liability of the working staff to accident would also be decreased, for the yard, as you are aware, is at present not lighted in any way.

The present light is admittedly unequal to the demands upon it, and difficulties will increase under the revised train service, when the North and South West Line mixed trains make up their loads at Arkonam between 22 O'clock and midnight.

The introduction of the electric light at Arkonam would undoubtedly be a source of satisfaction to the public, in addition to the advantages already alluded to; and the present feeble system of lighting

as compared to the electric light may be described as a mere rush light."

4. The cost of maintenance is estimated by the Telegraph Engineer at Rs.198/- per mensem but it is considered that the actual cost will come well within this figure.

5. I concur with the Traffic Manager in considering that the introduction of electric lighting at Arkonchi will result in economy while at the same time it will greatly add to the convenience of working the station; and as the Telegraph Engineer is on the spot I have no doubt that the proposed lighting will prove a success.

6. Information as to provision in the budget and date on which sanction will lapse is given on the estimate.

I have the honor to be,

Sir,

Your most obedient Servant,

L. S. M. A.

Agent and Manager.

MADRAS RAILWAY.

From

The Agent and Manager,

M. R. Co.,

To

The Consulting Engineer
for Railways

Dated

188

Recd.

No.

857

Recd.

Date

189

No.

From

MADRAS RAILWAY.

To

The Agent and Manager,
M. R. Co.,

The Consulting Engineer
for Railways

Letter to A.L. No. 690
30/8/93

(No. 1.)
No. 7877
541.

MADRAS RAILWAY.

AGENT AND MANAGERS OFFICE,

Madras, 5th July 1894

From

The Agent and Manager,
M. R. Co.

To

The Consulting Engineer for Railways,
Madras.

Sir,

I have the honour to retransmit herewith the Estimate for lighting the Arkonam station yard by Electricity, which was returned to you with your letter No. 1664 of the 28th May 1894. The Estimate has been revised in the light of the remarks of the Government Examiner. A copy of the Telegraph Engineer's letter is enclosed for your information.

2. Information as to revised provision in the budget and date on which sanction will lapse is given on the Estimate.

I have the honour to be,
Sir,

Your most obedient servant

J. S. M. V.

Agent & Manager.

REGISTER
 2958
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PUBLIC WORKS DEPARTMENT.
 RAILWAY BRANCH.

G.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Print
 Letter from the Agent &
 Manager, Madras Ry — No. 724 of 17.5.93.
 — do — do — No. 541 of 5.7.94

The estimate, as
 now revised, amounts to
 Rs 17,230 chargeable in the
 proportion of Rs 16,000 to
 Capital and Rs 1,230 to
 Revenue, for lighting the
 Arkonam station by electricity
 is sanctioned.
 2. This sanction has
 been registered as No. 7 of R
 of 1874-5.

DESPATCHED
 22 AUG. 9

F. R. M.
 F.
 F. 94

The Agent & Manager will place estimate
 in Expenditure Rs. 16,000 in w/s
 11/8.