

(1) Number of pages 11

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 587

Press
Misr

Dated 14. 8. 1377

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

14th August 1877, No. 587 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 139. From Colonel R. H. SANKEY, R.E., Secretary to the Chief Commissioner of Mysore, Public Works Department, to the Secretary to Government of Madras, Public Works Department, Buildings and Roads, dated Bangalore, 11th August 1877, No. 1,413—2,329.

THE Government of India having sanctioned the estimate for the new Upper Reservoir, Ulsoor, I am directed, by the Chief Commissioner, to forward copy of a report which accompanied the estimate, explaining the nature and scope of the works, and to request that His Grace the Governor in Council may be moved to issue the necessary instructions for the works which are now completed being taken charge of by the District Engineer, Bangalore District.

Report to accompany the Estimate for the New Ulsoor Feeder Tank.

THE present Ulsoor tank and the wells below it furnish the supply of water for the European troops stationed at Bangalore, the water being pumped up to the several barracks. The inhabitants of the large village of Ulsoor, and those of the lower part of the cantonment bazaar, are also dependent upon this tank.

2. The present capacity of the tank is 40,000,000 of cubic feet, and it runs dry about once in ten years to the great inconvenience of the troops. Its capacity could not be increased by raising the weir, because a large number of the houses in the cantonment bazaar, immediately above the tank waterspread, would be thereby flooded. Appended is a statement showing the number of days the waste weir ran and the approximate depth of discharge during the past fourteen years.

3. It not being practicable, for the reason stated above, to increase the capacity of the present Ulsoor tank by raising its waste weir, it was determined to supplement its supply by constructing a subsidiary reservoir across its northern feeder, in which the drainage would be impounded, after the Ulsoor tank had been filled, and subsequently used to replenish that tank.

4. The valley above the new tank has an area of 1,130 acres, from which a run-off of 6" in the year may be calculated upon, giving a supply of 35,000,000 of cubic feet. The capacity of the reservoir has been made 10,000,000 cubic feet.

5. The details of the work are fully given in the drawings, and it is therefore only necessary to explain here that the expensive flanking bund running north and south, and the tunnel to carry the drainage thereby thrown beyond the tank under the roads was necessary to avoid flooding, and consequent payment of compensation, very valuable gardens and houses occupied by European Officers on the west of the tank.

6. Twenty acres of the new waterspread is classed in the Revenue Accounts as the waterspread of the old Ulsoor tank, and, although it had silted up and been partially cultivated, no compensation is claimable for that area. The compensation for the remaining 69 acres, amounting to Rupees 14,458-14-3, was settled and paid by the Revenue Officers, at rates which the Deputy Commissioner, having regard to the locality, considers moderate.

2 PUBLIC WORKS DEPARTMENT, 14TH AUGUST 1877, No. 587 W.

7. The Government of India were informed in this office No. 86-529 I., of the 12th February 1877, that this work had already been commenced as famine relief.

(Signed) W. R. JOHNSON, Lt.-Col., R.E.,
Superintending Engineer of Irrigation.

No. 140.

ORDER THEREON, 14th August 1877, No. 587 W.

THE District Engineer, Bangalore, will take over the works.

(True Extract.)

Colonel, R.E.,

Secretary to Government, P.W.D.

To the District Engineer, Bangalore
" Military Department.

No. 1413
2329

Mysore Chief Commr's office,
Public Works Department

Bangalore 11 August 1877

From,

Col. R. H. Turkey, R.E.

Secretary to the Chief Commr.
of Mysore P.W.D.

To,

The Secretary to the Government of
Madras, Public Works Department,
Roads & Buildings Branch
Madras.

Sir,

The Government of India having sanctioned the Estimate for the new upper Reservoir Ulloor. - I am directed, by the Chief Commissioner, to forward copy of a Report which accompanied the Estimate, explaining the nature and scope of the works; and to request that His Grace the Governor in Council may be moved to issue the necessary instructions for the works which are now completed being

taken charge of by the District Engineer
Bangalore District.

I have the honor to receive

Sir

Your most obedient servant.

W. H. Stanley Col. R.E.

Secretary to the Commission
of Enquiry R.E.D.

E. H. Aul

Report to accompany the Estimate for
the New Ulsoor Feeder Tank.

The present Ulsoor Tank and the wells below it furnish the supply of water for the European troops stationed at Bangalore, the water being pumped up to the several barracks. The inhabitants of the large village of Ulsoor, and those of the lower part of the Cantonment bazaar, are also dependent upon this Tank.

2. The present capacity of the Tank is 40,000,000 of Cft., and it runs dry about once in 10 years to the great inconvenience of the troops. Its capacity could not be increased by raising the weir because a large number of the houses in the Cantonment bazaar, immediately above the Tank waterspread, would be thereby flooded. Appended is a statement shewing the number of days the Waste Weir ran, and the approximate depth of discharge during the past 14 years.

3. It not being practicable, for the reason stated above to increase the capacity of the present Ulsoor Tank by raising its Waste

Waste Weir, it was determined to supplement its supply by constructing a subsidiary reservoir across its Northern feeder, in which the drainage would be impounded, after the Ulloor Tank had been filled, and subsequently used to replenish that Tank.

4. The valley above the new Tank has an area of 1130 acres, from which a run-off of 6" in the year may be calculated, upon giving a supply of 35,000,000 of Cft. The capacity of the reservoir has been made 10,000,000 Cft.

5. The details of the work are fully given in the drawings, and it is therefore only necessary to explain here that the expensive flanking bund running North and South, and the tunnel to carry the drainage thereby thrown beyond the Tank under the roads was necessary to avoid flooding and consequent payment of compensation very valuable gardens and houses occupied by European Officers on the West of the Tank.

6. 20 acres of the new waterspread is classed in the Revenue Accounts as the waterspread of the old Ulloor Tank and although

although it had silted up and been partially cultivated, no compensation is claimable for that area. The compensation for the remaining 69 acres amounting to Rupees 14,458-14-3, was settled and paid by the Revenue Officers, at rates which the Deputy Commissioners, having regard to the locality, considers moderate.

7. The Government of India were informed in this Office ¹⁸⁸⁶₅₂₉ of the 12th February 1877, that this work had already been commenced as Famine relief.

Signed / W. R. Johnson ^{Lieut Col.}
Supr. Engineer of Irrigation.

"True Copy"

Col. M. Stanley Colonel R.E.
Secty: to the Chief Commr of Mysore
P. W. Keppel

E. O. J.

13th Aug 97
No 587 Wd/14 Aug 97
The District Engineer Bangalore
will take over the works.

21/7/97

Mysore Public Works Department
No 1413 1897/78
2329
From

The Secretary to the Chief
Commissioner of Mysore
To The Secy to the Govt of
Madras P.W. Department
Roads & Buildings Branch
Dated Madras
Despatched } 11 August 1897
Received }

Enclosures No 1
Subject
Inform of the sanction
of the Government of
India to the Estimates
for the new Upper Reser.

and request
the use of the necessary in-
structions to the
Bangalore
work.

40 14th Aug 97
D.E. Bangalore
17 Aug 97
Ar 13-8-97

46 14th Aug 97
D.E. Bangalore
17 Aug 97
Ar 13-8-97

1819

Govt. of 1877 Madras.

PUBLIC WORKS.

To

The R. E. Bangalore

Dated

Issued

Recd.

Encl.

G. O. 1st August 1877, No. 184 (W)

Nos. 139-140

Mr. Ephraim Peterman
at Madras, Bangalore

The Mr. Ephraim Peterman
to take charge of the—

1877 Aug 1st