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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D

DEPARTMENT

G.O. No.	1942 W	Press.
B.P. No.		Mis.
Dated	13. 8. 1880	-197-

Not to be folded or roughly handled

B.S. 28

1942
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

13th August 1880, No. 1,942 W.

General
Establishment.

Read the following paper :—

No. 32. Proceedings of the Madras Government in the Revenue Department, dated 5th August 1880, No. 2,654.

Proceedings of the Madras Government in the Public Works Department, dated 15th July 1880, No. 1,674 W.

COMMUNICATED to the Board of Revenue who will issue instructions to the Collectors concerned to take charge of the bench-marks which may be handed over to them by officers in charge of the tidal and levelling operations and to place such under the special care of a competent local Revenue officer.

2. The instructions may at present be restricted to districts on the line of the railway from Raichore to Madras, and when the further direction of the line of the levelling operations is known, similar instructions may be issued to other districts concerned.

(True Extract.)

(Signed) G. STOKES,
for Secretary to Government.

No. 33. ORDER THEREON, 13th August 1880, No. 1,942 W.

COMMUNICATED to the Assistant Superintendent, Survey of India, in charge of Tidal and Levelling Operations.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Assistant Superintendent, Survey of India, in charge of Tidal and Levelling Operations, with copy of G.O., No. 1,674 W., dated 15th July 1880.

Exd. E. C. Shunker.
Spare Copies

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GENERAL
ESTABLISHMENT.

Gobt. of (1880) Madras.
PUBLIC WORKS.

To
THE ASSISTANT SUPERINTENDENT,
SURVEY OF INDIA.

Dated August, 1880.

Recd.

Recd.

Recd.

10. 12. 1880 August 1880, No. 1,074 W.

AUGUST.

Nos. 32-39.

Tidal and Levelling Operations.—Proceedings, Revenue Department, passing orders on Proceedings, Public Works Department, issuing instructions relative to the assistance to be given to Captain Baird in conducting the — which are being carried out under the orders of the Surveyor-General of India.

Revenue Dept
Proceedings of the Madras Government
Read the following—

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

15th July 1880, No. 1,074 W.

General.
Establishment.

Read the following paper:—

No. 65. From Captain A. W. BAIRD, R.E., Assistant Superintendent Survey of India, in Charge Tidal and Levelling Operations, to the Secretary to the Government of Madras, Public Works Department, dated Poona, 5th July 1880, No. L 77-135.

I HAVE the honor to inform you that the levelling operations, which are being conducted by me under the orders of the Surveyor-General of India, have now reached Raichore, and will be continued to Madras next field season.

2. These operations are being carried out partly with a view to determine whether there is any appreciable difference of level in the "mean level of the sea" at the several ports where tidal stations have been established, and partly in order to reduce to one common datum the several hitherto isolated systems of levels, which have been executed throughout the country for canals, railways, and other engineering works.

3. I have accordingly been connecting irrigation, railway, and other bench-marks throughout the Bombay Presidency for some years past; and now that the work is entering territory belonging to the Government of Madras, I have the honor to request that the Madras Government will issue such orders as they deem necessary to enable me to prosecute the work.

4. Permanent bench-marks are embedded by my Surveyors at about every 8 or 10 miles along the main lines of levelling, and when these lines are along the railway, the bench-marks have generally been placed in the station compounds: these bench-marks are embedded in blocks of masonry, and are entirely under ground, and covered by a mound of earth. It is necessary to ensure proper protection for these bench-marks, and my orders are to hand them over to the care of the civil authorities of the districts; this has hitherto been done under the orders of the Bombay Government in the General Department, No. 354, of the 4th May 1867. The annexed paper is a specimen copy of the way in which the transaction is carried out,—one paper remaining with the Collector or Political Agent of the district, one copy being given to the person under whose immediate charge the bench-mark is placed by him, and one copy being retained in my office. A careful description of the station is given on the back in every case.

I have the honor to solicit the authority of the Government of Madras to continue this plan, and that a Government Resolution be issued on the subject.

5. I have also the honor to solicit that the Government of Madras will issue instructions to the Superintending Engineers of districts and of Irrigation Divisions to give me assistance in procuring correct lists with full descriptions of all bench-marks lying in the vicinity, i.e., within 10 or 15 miles of my lines of levels, and also of bench-marks of different projects which it may be desirable to connect.

6. I shall also feel obliged if Government will invite the Agents of the Madras and South Indian Railways to co-operate with me, and send me lists of their bench-marks, and also that they grant me permission to work along the railway lines, (just as I have had along the Great Indian Peninsula and the Bombay, Baroda, Central India

Railways); and that I am authorised to lay down bench-marks in the railway compounds.

I shall, of course, take care that my Surveyors are ordered to be very careful not to obstruct traffic in any way, or to injure the line or fences during the progress of their work.

7. The line of levels proposed for next season being along the railway from Raichore to Madras, it would assist me much if Government would call on the Superintending Engineers whose districts are near this line to request such of their Executive Engineers as it may affect to prepare lists of bench-marks as specified in paragraph 5 of this letter, and send them to me before the 15th October next, with a rough sketch or tracing showing their position.

FORM III.—FOR BENCH-MARK STATIONS.

The bench-mark station named Jhalki, of the Great Trigonometrical Survey of India, situated in the lands of the village of Jbalki, in Pargana Indi, District Kaladgi, is hereby placed in the charge of *

and will remain under his charge, and that of his successors until further orders.

He is authorised to prevent all persons from injuring the station, but he will permit any person, who may have occasion to visit it for survey purposes, to remove the covering of earth-work, and refer to the bench-mark. When such person has completed his observations, he will be required to erect a fresh pile of earth over the bench-mark.

Any person wilfully injuring the bench-mark station, or neglecting to comply with the terms of this document, will be liable to be prosecuted by the district officer, to whom a report must be made without delay by the official in charge of the bench-mark station.

Given under the orders of the Government of Bombay, G.R., General Department, No. 854, dated 4th May 1867.

Date of Transaction

Signature of Survey Officer

Captain, R.E.,

Assistant Superintendent,
In Charge Tidal and Levelling Operations.

Signature of Native Official

JHALKI B. ☐ M. is embedded about 1 foot below the ground level opposite the southern face of the large Dipmal of Virappa's Temple situated on the west side of Jhalki village and about (1) one chain west of the main road Sholapur to Bijapur. It is 7 links from the south-east corner, and 6 links from the south-west corner of the Dipmal. The letters B. O. M. are cut on the surface of the basement on the south-east corner of the Dipmal which was connected. Jhalki village is in the Indi Taluk of the Kaladgi District.

No. 66. ORDER THEREON, 15th July 1880, No. 1,674 W.

COMMUNICATED to the Public and Revenue Departments in which orders will be issued in compliance with the request made in the latter part of Captain Baird's 4th paragraph.

2. Communicated also to all Superintending Engineers and Superintendents of Works, who will afford Captain Baird every assistance in their power.

3. The Superintending Engineers of the First and Second Circles will call on the Executive Engineers concerned to prepare, with reference to paragraph 7, lists of bench-marks, submitting them through the Superintending Engineer in time to allow him to forward them to Captain Baird before the 15th of October next.

* Here give name and official rank of individual in question.

be Consulting Engineer for Railways will be requested to put himself into communication with the Agents of the Madras and South Indian Railways in regard to paragraph.

(True Extract.)

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

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GENERAL
ESTABLISHMENT.

Govt. of (1880) Madras.
PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

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Dated July, 15th.

Issued

Recd.

Encl.

G. O., 15th July 1880, No. 1,074 W.

JULY.

Nos. 65-66.

Tidal and Levelling Operations.—Issuing instructions relative to the assistance to be given to Captain Baird in conducting the — which are being carried out under the orders of the Surveyor-General of India.

Order thereon, 5 August 1880. 269

Communicated ^{19th} to the Board of Revenue who will issue instructions to the Collectors concerned to take charge of the bench marks which may be handed over to them by officers in charge of the Tidal and Levelling operations and to place such under the special care of a competent local Revenue officer.

2. The instructions may at present be restricted to Districts on the line of the Railway from Raichore to Madras, and when the further direction of the line of the levelling operations is known similar instructions may be issued to other Districts concerned.

True Extract

[Signature]

To Secretary to Govt

To the Public Works Department

[Signature]

1942 Waf 13 Aug 80

P.W.D.
12 AUG 80

1942
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Committed to
the Assistant Supt.
Survey of India, in charge
of Tidal and Levelling
operations.

12/80. CS

Recd
21-8-80
Asst. Supt. Survey of India
in charge Tidal & Levelling
operations with copy of
G.O. 1674 to dt 15 Aug 80

W. M. order

5117

April. of 1880. 31st March.

PUBLIC WORKS.

To

Payd

For

Amount

£

E. O. 13 Aug 1880, No. 1942 W.

32-33

Nov. 58

23

2

Final Levelling Account.

Perp: Rev. Dept
passing orders on
Perp: Rev. Dept issuing
instructions relating
to the account to be
given to Capt. David
in Conf: the - which
are being carried out
under the orders of the
Surveyor Genl of India