# Revenue (1897) Department.

**CURRENT No.** 58

**From**

Board of Revenue,
Sep. Rev.

**Order** Endt. Mis. no. 3663 d/ 16th July '97.

Transferred to the Judicial Dept. with reference to its Endt. No. 1225 d/ 10th June '97.

Sd/ G. Stokes
A.S. Secy. to Govt.

Mis. No. 2804.

**Dated** 4th July 1897.

**Received** 12-7-97

**Registered** 13-7-97.

**Enclosures** /

**Spare copies**

dist

recd 19/7/97

## SUBJECT.

Reporting to Govt. that the Board sees no objection to the Supt. of Sea Customs at Cuddalore being invested with the powers of a third Class Magistrate for the trials of such offences as may be committed within the Port of Cuddalore

## BACK PAPERS.

| G.O. | No. | Department. | Date. |
|---|---|---|---|
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## FURTHER PAPERS.

| G.O. | No. | Department. | Date. |
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42092/16-11-97

# Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No. 3664

DATED 16th July

[Despatch Abstract.]

Comm^s with remarks to the B^d of Rev. Pros. P.W.D. sanctioning as a famine relief work estimate of Rs 20,000 for excavating the Viraparam-Vanganur Irrig^n Channel in Anantapur Dt.

## BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
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## FURTHER PAPERS.

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IRRIGATION.
ACCOUNT.

5894

# Government {1897} of Madras.

## PUBLIC WORKS.

*Recd.* } 1897. *Enclosures*

*Regd.* } 1897. *Spare copies*

**G.O., No. $\frac{571}{C}$ I., 19th June 1897.**

**JUNE.**

**Virapuram-Vanganur Irrigation Channel**

Estimate of Rs. 20,000 for excavating the — in Anantapur district, sanctioned as a famine relief work.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Irrigation.**
**Account.**

READ—the following papers:—

From W. B. DEWINTON, Esq., Superintending Engineer, III Circle, to the Chief Engineer for Irrigation (through the Collector of Anantapur), dated Bellary, 1st June 1897, No. 1390 I.

I have the honour to submit, herewith, an estimate amounting to Rs. 20,000 for constructing Virapuram-Vanganur irrigation channel, in Tadpatri taluk of Anantapur district, for favour of very early sanction, in accordance with the request of the Collector of Anantapur, who wishes to commence the earthwork of the channel as a famine-relief work for which it is eminently suited.

2. The attached report and the enclosed copy of a letter I have written on the subject to the officer in charge of Bellary division will explain what is proposed.

3. Lump sums based on rough calculations have been entered for the masonry works.

4. The channel will probably pay something like 5 per cent. on its cost, so it is worth undertaking even as an ordinary work.

5. I beg that sanction to commence the earthwork may be communicated by telegraph.

—

ENCLOSURE.

REPORT to accompany Estimate for Excavation and of a proposed Irrigation channel from the Pennér River by Virapuram to Vanganur, Tadpatri Taluk, Anantapur District.

This estimate is prepared in accordance with Executive Engineer's No. 39-A, dated 24th November 1896, herewith enclosed.

The length of the proposed channel will be 15,000 feet as shown in the longitudinal section accompanying with side slopes 2 to 1 and bottom width 3.

2. The Acting Collector in his No. 3334 of 7th November 1896, noted that this proposed channel will bring about 200 acres of land under wet cultivation, for which the discharge should be approximately 6½ cubic feet per second; and allowing the least depth in the hot weather to be 1¾ feet, the section of the channel may be 3 feet wide at bottom, with side slopes 1½ to 1; but 2 to 1 has been allowed, as the soil is black cotton from 0 to 10,000 and sandy, &c., from 10,000 up to head. Apart from this, the ryots in their annual clearance, being in the habit of throwing the silt on the slopes, they will gradually decrease from 2 to 1½ to 1.

If the slopes during excavation be formed 1½ to 1, the amount will be reduced by Rs. 2,060 bringing the total amount to Rs. 14,530.



3. This will realize Rs. 1,000 giving a percentage of Rs. 6 and can therefore be certainly classed as an excellent famine work as noted in Executive Engineer's number above referred to.

4. The village authorities assert that about 50 acres of poramboke (Government waste land fit for cultivation) are available and will be purchased by the ryots, at Rs. 10 per acre the least, which in itself will be sufficient to pay for compensation, as the proposed channel passes almost entirely over dry lands.

The proposed bed level of the channel at head being 51·00 and at end 47·00, the fall per mile is 17″. In abnormal seasons a greater head may be obtained by carrying the channel higher up in the river bed in the direction C D, as shown in sketch.

*Masonry works.*

At 814 the channel will cross a railway feeder where it is proposed to construct a culvert as per plan No. 1.

At 5,350 the channel will cross the Local Fund road from Bellary to Cuddapah, at which site a culvert is provided for, as per plan 2. At 7,250 it will cross the Petha Vunkah where a pipe syphon 380′ in length on a bed of concrete will be laid (*vide* plan 3). The pipe will be on an average 4′ below bed level of Vunkah. At 8,000, 8,500 and 1,1200 three small pipe syphons of 54, 28 and 54 ft., respectively, are provided to pass the proposed channel under the channels conveying waste water from fields. This will be essentially necessary as the proposed channel, though intended for irrigation, will be extensively used for drinking purposes by the inhabitants of Vanganur and adjoining villages, who are now suffering from a dearth of water, and where the water in existing wells is unfit for use.

At head of channel there will be a masonry wall with a vent as shown in plan 7 to keep out silt during floods in the river.

After three trial levels were taken and plotted, the line A B X C shown on the sketch in lake was found to be the cheapest and least objectionable to ryots.

A shorter line may be obtained by connecting A X; but the surface on inspection was found to be deeply guttered by flood water flowing to the river, and will be the cause of frequent breaches.

(Signed) J. ELLIOT,
Sub-Engineer.

21st April 1897.

(Signed) A. R. DECHAZAL,
Assistant Engineer.

22nd April 1897.

—

Ref. No. 3334 of 1896.

Forwarded to the Chief Engineer for Irrigation with all the enclosures, for sanction.

(Signed) R. H. SHIPLEY,
Ag. Collector.

9th June 1897.

—

No. 133 I.

*Note by the Chief Engineer for Irrigation.*

With the above letter the Superintending Engineer forwards, through the Collector, an estimate of Rs. 20,000 for a channel from the Pennér to irrigate 200 acres in Vanganur village, Tadpatri taluk, Anantapur district, and states that the earthwork is eminently suitable for famine relief. Except during floods, the water which it is proposed to draw off will be so much lost to villages further down the river, and it is only the great need for famine relief which can justify the sanction of the estimate.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

15th June 1897.

Order—No. $\frac{571}{C}$ I., dated 19th June 1897.

The following estimate is sanctioned as a famine-relief work.

Irrigation.
33. Famine Relief.
Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Bellary Division.
Original Works.
Virapuram-Vanganur Irrigation Channel.

| | RS. |
|---|---|
| Estimate ... ... ... ... ... ... ... ... | 20,000 |

2. This sanction is registered as No. 51 I. of 1897–98.
3. The following deferred telegram will be sent :—

To the Superintending Engineer, III Circle, No. 10.

"Virapuram-Vanganur Irrigation channel sanctioned for famine relief."

(True Extract.)

C H Wharton
Under Secretary to Government,
~~Irrigation Branch.~~

To the Chief Engineer for Irrigation.
" Superintending Engineer, III Circle, with eleven enclosures.
" Examiner, Public Works Accounts.
" Revenue Department, with copies of remarks by the Honourable Members.

W M

Exd. T. K. Narayana Aiyangar.

Remarks by the Hon'ble ~~Mr~~ Sir Henry Bliss K.C.I.E. on the accompanying G.O.

Apparently the remark as to the waste land which can be sold so as to reduce the cost of the work should receive attention in the Revenue Dept.

(Dated) H. W. B.
23/6/97

Remarks by the Hon'ble Mr Grose C.I.E. on the accompanying G.O.

Ask the Collector about it

(Dated) J. G.
24/6/97

(True Copy)

W. Hughes
Joint Secy to Govt. P.W.D.
Irrign Branch.

Cus 5-894/97.

Order Mis no. 3664 d/16th July '97.

Communicated to the Board of Revenue with the request that the Collector of Anantapur may be instructed to submit a report upon the extent and value of the Govt waste lands likely to be newly brought under cultivation by the proposed channel. The Collector should also be asked to ~~report should~~ state what extent may, in ~~the Collector's~~ his opinion, be sold by auction so as to reduce the cost of the work, and in this connexion his attention should be drawn to para 6 of the letter from the Govt communicated in G.O. 1026 / 7-10-92

[signature]

List forwarders

RS / 15-7-97

Sr 18/7/97

To the Board of Rev. Lett. Copy to the P. W. D. (I). } Dis. 20-7-97

Note. According to the statement contained in para 4 of the Sub-Engineer's report (~~the~~ printed at page 3 of the current), the extent of available Govt waste land fit for cultivation is only about 50 acres. This is small will be needed for grant on dark hast to resident ryots for extension of cultivation

Promotion 16/7/97

P.W. E.1 / 6341/97

cultivation. attention is in this connection invited to the remarks in para 6 of the Govt of India letter, printed in Cons 1026/1092, re: the disposal of Govt waste lands commanded by the Periyar.

*When given for copying* _____
*When copied* _____
*When examined* _____
*When signed* _____
} 189.

READ AGAIN G.O., No. DATED
189 .

CURRENT No.

ENCLOSURES TO O. No.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ORDER OF GOVERNMENT .. .. .. | A | A | A | A | A | A | A |
| LETTER OF GOVERNMENT. | | | | | | | | |
| STATEMENT WITH DITTO. | | | | | | | | |
| PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL. | | | | | | | | |

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