(1) பக்கங்களின் எண்ணிக்கை 6

(2) புதுக்கித் திருப்பிய நாள் 1-90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P&W துறை

அரசாணை எண்.	அச்சகம்
மு. கோப்புத் தாள் எண். 2499 W	பலவகை

நாள் : 18.9.1890 ~~198~~ .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண, கா-1—18,006—15-6-87.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 7th November 1889, No. 5265.

I have the honor to submit the original letter, No. 2432, dated 5th October 1889, received from the President of the North Arcot District Board, and to request the order of Government on the same.

2. I am of opinion that it is better to adhere to the Local Fund Engineer's original proposal as to the gunny bags, but their size should be specified as 44 × 29″ when laid out flat; so also I would adhere to the section he proposed for the causeway; it is a section which is said to have answered well on the River Soane (I presume at the Grand Trunk Road, Calcutta to Delhi crossing), a river very similar to the Pálár at Ranipet.

3. As to the rates being high, I attach a comparative statement showing Public Works Department rates of the district, now the Local Fund Engineer rates (1883) and those entered in the revised estimate; it would, however, in my opinion, be advisable, in view of the great differences shown, not to assume any rate as exactly applicable to this work, but to invite tenders for each of say 3 equal lengths of the proposed causeway and I will be glad to reconsider and report on the same and the Board can act according to circumstances.

4. I think the substitution of brick in chunam and in long (2′ × 2′ 6″) wall, over shallow and uncertain sandy foundations as these must be, now proposed by the Local Fund Board very inferior to the Soane section A, for this brickwork settling in the slightest degree would become disintegrated and useless in such a position; but not so a mass of large rubble stones laid on the bed of concrete bags with interstices filled in with concrete; this may settle somewhat in places, but if it does not disappear entirely in a quick sand, will probably set again in a wet foundation when it takes a permanent bed: the work should, I think, be done in lengths of at least 100 feet and built very rapidly up to the top of the rough stone in concrete.

ENCLOSURES.

From W. J. H. LE FANU, Esq., President, District Board, North Arcot, to the Chief Secretary to Government (through the Superintending Engineer, V Circle), dated Chittoor, 5th October 1889, Ref. on Genl. L. F. No. 2432.

I have the honor to forward, herewith, for sanction of Government, a revised * estimate, amounting to Rs. 60,000, for constructing a causeway in the Pálár river between Arcot and Ranipet, in lieu of the one for Rs. 50,000 sanctioned by Government in their order, dated 28th September 1883, No. 2729 W.

* Enclosures will be submitted shortly.

2. The grounds for the revision of the estimate as set forth in the accompanying report are (1) that it is considered better to substitute concrete in mass for concrete in gunny bags and to modify the section of the proposed causeway as shown on the plan, (2) that the rates allowed in the original estimate are low and (3) that owing to want of space on the Ranipet side, materials will have to be stacked on the Arcot side and thence removed to the work spot, an average distance of 1,500 feet. For this purpose land has to be taken near the river side on payment of compensation.

3. The views of the Board are set forth in their resolution herewith submitted and I trust that, having regard to the great importance of this work, and the heavy demand which it will make on the Board's funds, you will support the request for assistance which really will cost

Government nothing. I trust that there may be no delay in getting the estimate passed so that we may set to work at once. I hope that the causeway may be opened by the 1st July 1890, if we can commence work soon.

EXTRACT from the Minutes of Proceedings of the District Board, North Arcot, passed at their Meeting held on the 28th September 1889 at Palmanér.

PRESENT:

1. W. J. H. LeFanu, Esq., Collector of North Arcot, President.
2. Dr. J. Bradshaw, M.A., L.L.D., Inspector of Schools, Central Circle.
3. M.R.Ry. P Narasimmiyer Avargal, Rao Sahib.
4. „ Venkat Reddi Garu, Rao Sahib.
5. „ Venkataramanjam Naidu Garu, Rao Sahib.
6. „ Gopalakistnama Chetty Garu, Rao Sahib.
7. „ B. Venket Rao Garu, Rao Sahib.
8. Potel Mahomed Usman Sahib, Khan Sahib.
9. Mir Mohideen Alli, Khan Sahib.
10. M.R.Ry. C. Somasundara Mudaliar, Avargal, Rao Sahib.

* * * * * *

1. Read letter from the Assistant Engineer, Vellore Circle, Public Works Department, dated 5th instant, No. 1131, forwarding a plan and revised estimate, amounting to Rs. 60,000, for constructing a causeway in the Pálár river between Arcot and Ranipet in lieu of the one for Rs. 50,000 already sanctioned by Government in their order, dated 28th September 1883, No. 2729 W.

The Board consider that the estimate for Rs. 60,000 should be accepted. Pressure has been repeatedly put upon the Board to execute works—bridges and feeders—for the benefit of State railways in the district, but in this case no suggestion from outside has been made to the Board, although the work proposed is eminently calculated to further the interests of the Madras Railway. For thirty years past all traffic naturally flowing from Arni and Arcot to the Madras Railway has been hampered by the condition of the Pálár between Ranipet and Arcot, impassable at times, and passable at other times only with difficulty. The Board wish here to refer to the generous departure indicated in G.O., No. 646 R., dated 7th June 1889, communicated in G.O., Mis No. 1447 L., dated 27th idem, with reference to the proposed bridge near Kálahasti. Government are aware that the Board have recently (*vide* G.O., dated 2nd April 1889, Mis. No. 751 L.) taxed the district extra for special purposes, of which this present work is the most important. The Board consider that it would not be unfair to ask Government or the Madras Railway to give a contribution towards the work, which cannot be regarded as subserving wholly local interests. They do not, however, propose to ask for any direct subvention here: they trust, however, that Government will be prepared formally to consider the following propositions.

The Executive Engineer, Major Rawson, to whose kindness—which the Board here acknowledge with thanks—the Board is indebted for the revised estimate, has offered to carry out the work on certain conditions. The first of course is that Government will permit him to do so. The second is that a trustworthy subordinate be allowed him, for which provision is made in the estimate. The Board consider that it is no slight to their own Engineer—now is on leave—to wish that this very important work should be entrusted to Major Rawson, and they solicit the approval of Government to this proposal. Further, having regard to the sacrifices in the way of extra taxation to which the Board has put the district, to the importance of the work, and to the fact that Government and the Madras Railway make no contribution, they would ask Government (*a*) to forego the percentage required by the rules on the examination of the revised estimate, and (*b*) the percentage usually charged to the Board for works examined by the Public Works Department. Government will not in reality be one rupee out of pocket by these concessions, and looking at the heavy demands on the Board in other directions for new and important works, the Board is not able financially to meet the extra demand which this percentage would make on the resources without impairing its usefulness for some three or four years to come.

* * * * * *

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Chepâk, 25th February 1890, No. 7535.

With reference to your memo. No. 5711 C., dated 5th December last, I have the honor to submit a revised estimate, amounting to Rs. 55,000, for constructing a causeway across the Pálár river between Ranipet and Arcot, and to inform you that it has been prepared on the section B with slight modifications as may be seen from the accompanying section.

2. The exact level of the paved surface of the causeway has also been marked on the cross section at the proposed site.

2/2499

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 18th July 1890, No. 1807.

I have the honor to resubmit the plan and estimate, Rs. 55,000, for constructing a causeway across the Pálár river between Ranipet and Arcot, together with a sheet of cross and longitudinal sections as desired in your memo. No. 1291 C. of 8th March 1890, with the proposed causeway plotted on the cross section.

Note by the Chief Engineer, Public Works Department.

Submitted for the sanction of Government with the remark that the estimate may be reduced by Rs. 1,888, the estimated cost of pointing with soorkhi mortar, for which there is no necessity if the masonry be properly executed.

OOTACAMUND, 11th August 1890. (Signed) J. PENNYCUICK, Colonel, R.E., Chief Engineer, P.W.D.

ORDER—dated 22nd August 1890, No. 2275 W., Public Works.

The revised estimate, amounting to Rs. 55,000, for constructing a causeway across the Pálár river on the road from Ranipet to Arcot, is sanctioned, subject to the suggestion made in the note by the Chief Engineer above recorded, to which the attention of the Superintending Engineer, V Circle, is drawn.

2. In submitting the estimate, the District Board, North Arcot, makes the undermentioned four requests:—

(1) That Major Rawson, R.E., Executive Engineer, North Arcot division, be permitted to carry out the work.
(2) That a trustworthy upper subordinate be placed at Major Rawson's disposal.
(3) That no charge be made by the Public Works Department for the examination of the revised estimate.
(4) That the usual charges for Public Works supervision be waived.

3. The execution of the work by the Public Works Department is sanctioned, and this disposes of the first three requests, as the requisite supervising establishment will be provided by this department, and no charge will be made for the examination of the estimate under para. 955 F, Public Works Code.

4. With regard to the fourth request, the Government is not prepared to depart from the usual rule in this case, but the question of giving the District Board a grant-in-aid towards the work, equal in amount to the Public Works charge for supervision (Rs. 12,650), will be considered in the Financial Department.

5. The Superintending Engineer, V Circle, will report as early as practicable the sum which can be spent on the work during the current official year, in view to application being made for the requisite funds.

6. The sanction accorded in para. 1 of these Proceedings has been registered as Local No. 16 W. of 1890-91, in supersession of register No. 33 W., * Local, of 1883-84.

* G.O., No. 2729 W., dated 28th September 1883.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E., Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with six enclosures.
„ Examiner, Public Works Accounts.
„ Financial Department.
„ Local and Municipal Department.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Financial Department

Order—10th September 1890, No. 628.

Orders will be deferred until the report called for in paragraph 5 of these Proceedings is received.

(True Extract)

W. Bouchier
Major, R.E.,
Under Secy., P.W.D.,
for Chief Secretary.

Dated August, 22nd.

Read. *Encl.*

G.O., 22nd Aug. 1890, No. 2275 W.

AUGUST.

Causeway across the Palar River

Revised estimate, amounting to Rupees 55,000, for constructing a — on the road from Ranipet to Arcot, sanctioned with remarks.

To
The Local & Municipal Dept.
" " Public Works Dept.

K.L.

3/2499

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Govt. of {18 } Madras.

No. 24-99 W 1/18 Sept 1890

Recorded

WW
17.9.90

To

The Public Works Depts

hoo27 SW - 22.8.90.
1555 W - 5-6.90.
1291 C - 8.5.90.
571 C - 5-12.89.
2529 W - 28.9.83.

Proceedings, dated 10 September 1890
No. 628.

Subject.

S.E. V circle