(1) பக்கங்களின் எண்ணிக்கை 42.
(2) புதுக்கித் திருப்பிய நாள் 1/90
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. W. D. துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண். 2275

அச்சகம் / பலவகை

நாள் : 22-8-1890 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண, கா-1—18,006—15-6-87.

22nd August 1890, No. 2275 W., Public Works.

2275/1

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.

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

* Enclosures will be submitted shortly.

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 Pálmanér.

Present:

1. W. J. H. LeFanu, Esq., Collector of North Arcot, President.
2. Dr. J. Bradshaw, M.A., LL.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.

2275
2

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 under-mentioned 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.)

Major, R.E.,
Under-Secy. 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.
Gobt. of (1890) Madras.
PUBLIC WORKS.

Dated August, 22nd.

Recd. 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.

~~2422~~ 8

2275/3

No.

19 OCT 89
ARCOT DIVN

NORTH ARCOT DISTRICT BOARD'S OFFICE,
Chittur, 5th October 1889

Chenur
16.10.89

FROM
W. J. H. Le Fanu Esquire
President, District Board,
North Arcot.

Recd by S.E. on 17.10.89

Enclosures

To
THE CHIEF SECRETARY to GOVERNMENT,
Fort Saint George,
(thro' the Superintending Engineer, Vth Circle)

Sir,

× Enclosures will be submitted shortly.

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 Palar river between Arcot and Ranipet, in lieu of the one for Rs 59,000 sanctioned by Government in their order dated 28th September 1883, No. 2729.W.

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 1500 ft. 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.

I have the honor to be,
Sir
Your most obedient servant

Vice President
for President

3/156.4
3.5.90

From W. J. H. Le Fanu Esqr.
~~The~~ PRESIDENT,
District Board, North Arcot.

13/109 N.A.
2.6.90

Reg. No 919 Br
17.10.89

To

THE Chief Secretary
to Government.
Fort Saint George
Through the Superintending Engineer,
Vth Circle. Madras

Station Chittoor
Dated 5th October 1889.
Received

Sub. Reg. L. F. — No. 2432 of 89
Enclosure.

SUBJECT.

Forwarding for Sanction of Government, a revised estimate amounting to Rs 60,000 for Constructing a Causeway in the Palar river between Arcot and Ranipet, in lieu of the one for Rs 5,000 — sanctioned by Government in their order dated 28th September 1883, No 2729 W,

EXECUTIVE ENGINEER
REGD NO. 13/1156
18 DEC. 89
P.W.D.
NORTH ARCOT DIVISION

CHIEF ENGINEER
2279
26 FEB. 90
FOR IRRIGATION

EXECUTIVE ENGINEER
23 MAY. 90
NORTH ARCOT DIVISION

4/1321
13.2.90

DISTRICT BOARD ENGINEER
REGD NO.
27 MAR. 90
NORTH ARCOT

Ed.
30/10/89

Chief E.

2275
5

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,
Chepâk, 7 November 1889.

No. 5265

From
Colonel W. H. Burton R.E.
SUPERINTENDING ENGINEER, V CIRCLE,

To
THE Chief Engineer
P. W. Department

Enclosures. 13

SIR,

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 orders 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 ~~[illegible]~~ 44 x 29" when laid out flat ~~eft~~. 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 Palar at Ranipett

3. As to the rates being high I attach a Comparative Statement showing D.P.W. rates of the District now the

x 1883

2275/6

the Local Fund Engineer rates 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 accordingly to circumstances.

4 I think the substitution of Brick in Chunam and in long (2'x 2'6") wall, over shallow and uncertain sandy foundations as these must be, now proposed by the Local Fund Board very inferior to the Stone 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

My dear Rosarah Sahib –

If you only enclose the 2' x 2'6" written by [illegible] & read the rest you will find it all right. These figures were introduced as an explanatory clause to specify more particularly the "long wall" & nothing more. 3/9/50

I have the honor to be
Sir
Your Most Obedt Servt
W H Benton Col. R.E.
Supdg. Engineer 5 Circle

P.W. No. 10739

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
P. W. Depart.

Dated 7th } November 1889.
Recd. 11 }

No. 5711 C of 5-XII-89

Enclosures. ~~13~~ 15
(3 plans)

No. 5260

Causeway in the Palar river between Arcot & Ranipett

Forwards revised Estimate of Rs 60,000, for Constructing — with his opinion

Cd 13/11/89

2295/1 3 SP

Extract from the Minutes of Proceedings of the District Board, North Arcot, Passed at their Meeting held on the 28th September 1889 at Palmaner

Present

1. H. J. H. Le Fanu Esquire, Collector of North Arcot, President

8 DEC 89
N. ARCOT D.

2. Doctor John Bradshaw M. A. L. L. D. Inspector of Schools, Central Circle
3. M. R. Ry C. Narasimmiyer Avergal Rao Sahib Venkat Reddi garu
4. Venkatramanjam Naidu garu
5. Gopalakistnama Chetti garu
6. B. Venkat Rao garu
7.
8. Potel Mahamed Usman Sahib Khan Sahib
9. Mir Mohideen Alli Khan Sahib
10. M. R. Ry C. Somasundara Mudaliar Avergal

23 MAY 90

1 Read letter from the Assistant Engineer, Vellore Circle, P. W. D. dated 5th Instant, No. 1131, forwarding a plan and revised estimate amounting to Rs 60,000 for Constructing a causeway in the Palar 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

Rupees 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 Palar 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. No 1447 L. Mis. dated 27th Idem with reference to the proposed bridge near Kalahasti. Government are aware that the Board have recently (vide G. O. dated 2nd April 1889 No 751 L. Mis.) 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 (1) first, of course, is that Government will permit (2) 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 (3)
the percentage required by the rules on the
examination of the revised estimate, and
(b) the percentage usually charged to the (4)
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 & important works, the Board is not
able financially to meet the extra demand
which this percentage would make on
the resources without impairing its useful-
ness for some 3 or 4 years to come.

/ True Extract /

Vice President
for President

DISTRICT BOARD ENGINEER
REG'D NO.
27 MAR 90
NORTH ARCOT

2225/9

No. 7535

Superintending Engineer's Office
V Circle Madras
Chepauk 25 February 1890

From
Colonel W. H. Burton R.E.
Superintending Engineer V Circle

To,
The Chief Engineer
for Irrigation.

Sir,

With reference to your Memorandum
No. 5711.C dated 5 December last, I have the hono
to submit a revised estimate amounting to
Rs 55,000 for constructing a Causeway across the
Palar river between Ranipett 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 Cro
section at the proposed site.

Enclosure
1 File of papers No. 14
1 Estimate
1 Plan of section
1 Report.

I have the honor &c
Sir,
Your most obedient Servant
W H Burton
Colonel R.E.
Superintending Engineer V Circle.

P.W.C. No. 2057

No. 8 End of 27-2-90
Encl 4

From
The Supg Engineer
5th Circle
To
The Chief Engineer
For Irrigation

Dated 25th } February / 90
Recd }

Transferred to the Chief Engineer - Roads and Building Branch for disposal

Chepauk }
27 Feby 1890 }

27/2

~~For~~ Chief Engineer
for Irrign

CHIEF ENGINEER
FOR IRRIGATION.
28 FEB. 93
No. 2242

Encl. 4

Recd 28-2-90
Enc 13 ([illegible])

No 7535.

Causeway across the Palar River between Ranipett and Arcot

—

Submits revised Estimate for construct-ing a —

2275/10 7/P

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,

No. 1807.

Chepâk, 18th July 1890.

From
Coll. W. H. Burton R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer
P.W. Deptt.

SIR,

I have the honour to resubmit the Plan & Estimate Rs 55,000 for constructing a causeway across the Palar River between Ranipett and Arcot together with a sheet of cross & Longitudinal Sections as desired in your Memo No 1291 C of 8th March 1890, with the proposed causeway plotted on the cross section.

Enclosures.
- 1 Tracing of site plan.
- 1 Sheet of Cross & Longl Section.
- 1 Report.
- 1 Estimate.
- 1 Cross section of Causeway.

I have the honor to be
Sir
Your most obedt Servant
W H Burton Coll. R.E.
Superint g Engr 5th Circle

P.W. Cd. No 6850

Memo No 1291 C d/ 8-3-90
" " 5711 C d/ 5-12-89
Fr. Bus. 1166 W d/ 19-4-90
" " " 1555 W d/ 5-6-90
" A " 2729 W d/ 28-9-83

[illegible]

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
P. W. Department.

Dated 18
Recd. 21 } July 1890.

ENCLOSURES. 5 (4 3/plans + [illegible])

No. 1807.

Causeway across the Palar River.

—

Resubmits the Plan and Estimate of Rs 50,000 for Constructing a — between Ranipett & Arcot.

o/9/8

2275/11

P. W. DEPARTMENT.

READ the following:—

rom the Supt, Engineer V Circle No 1807 dated
70 resubmitting plan and estimate amounting
5,000 for constructing a causeway across the
river between Ranipet & Arcot.

FOR ORDERS.

An estimate of Rs 50,000 for constructing a causeway across the Palar river on the road from Ranipet to Arcot was prepared by the Local Fund Engineer, North Arcot, and sanctioned in G.O. No 2729 W dated 28th Sept. 83. The work was never undertaken, and a revised estimate of Rs 60,000 prepared by the Executive Engineer North Arcot Division was submitted by the Supt. Engineer V Circle with his letter No 5265 d/ 7th November 89. This estimate was returned to the Supt. Engineer for further revision in accordance with the suggestions contained in Memo. No 5711 C dated 5th Dec. 1889. The Supt. Engineer then submitted a second revised estimate amounting to Rs 55,000 but the exact level of the paved surface of the causeway not having been marked on the cross section at the proposed site as ordered, the estimate was again returned to the Supdg Engineer for supply of the omission. The estimate has now been submitted in a complete state but may be reduced by Rs 1,888 as suggested by the Chief Engineer P.W.D. in his note accompanying/.

2. Before according sanction to the estimate it will be necessary to consider the undermentioned requests of the District Board recorded in its Resolution of the 28th September 89.

1st request. that Major Rawson R.E. Executive Engineer North Arcot Division be permitted to carry out the work.

2nd request. that a trustworthy upper subordinate be allowed to Major Rawson, for which provision is made in the estimate.

FOR ORDERS.

2235/12

There appears no objection to the execution of the work being undertaken by the P.W. Deptt, in which case the necessary supervision will be provided by that Deptt. The sum of Rs 1500 — provided in the estimate is for petty supervision (maistries &c) and is probably not more than will be required for the purpose.

3rd request. that the percentage charges required by the rules for the examination of the revised estimate be waived.

If the execution of the work be undertaken by this Deptt the charge for

2275/13

scrutiny of plans &c. will be merged in the percentage for supervision.

4th request that no percentage be charged for P.W. supervision. The amount to be charged in accordance with the rules will be Rs 12,650 or 23 per cent on the cost of the work, viz Rs 55,000.

There seems no special ground for granting this request, and if Government is disposed to contribute towards the cost of the work it would be better to make the contribution in the form of a separate grant than in that of an exemption from payment of establishment charges, which is likely to form an inconvenient precedent

S

W

11.8

Requests 1, 2, & 3 may be granted. A contribution equal to the cost of D.P.W. supervision will be made to the Dist. Bd. in aid of the work, instead of acceding to the 2nd request

JHG

15/8/90

estimate.

Ohs 50·V iii
Hm 12-V iii

estimate-

2275/14

P. W. DEPARTMENT.

READ the following :—

Letter from the Superintending Engineer V Circle No. 1807, dated 18th July 1890, resubmitting plan and estimate amounting to Rs 55,000 for Constructing a causeway across the Palar river between Ranipet and Arcot.

FOR ORDERS.

An estimate of Rs 50,000 for Constructing a causeway across the Palar river on the road from Ranipet to Arcot was prepared by the Local Fund Engineer, North Arcot, and sanctioned in G.O. No. 2729 W, dated 28th September 1883. The work was never undertaken, & a revised estimate of Rs 60,000 prepared by the Executive Engineer North Arcot Division was submitted by the Supdg Engineer V Circle with his letter No. 5265 dated 7th November 1889. This estimate

estimate was returned to the Supg Engineer for further revision in accordance with the suggestions contained in Memo No 5711 C, dated 5th December 1887. The Supg Engr then submitted a second revised estimate amounting to Rs 55,000 but the exact level of the paved surface of the causeway not having been marked on the cross section at the proposed site as ordered the estimate was again returned to the Supg Engineer for supply of the omission. The estimate has now been submitted in a complete state but may be reduced by Rs 1,888 as suggested by the Chief Engineer P.W. Department in his note accompanying.

2. Before according sanction to the estimate it will be necessary to consider the under-mentioned requests of the District Board recorded in its Resoln of the 28th Septr 1887.

1st request

2225/15

1st request: that Major Rawson R.E. Executive Engineer North East Division be permitted to carry out the work. ~~Major Rawson having already consented to do so, if permission may be granted for him to undertake the work without prejudice to his own duties.~~

2d request that a temporary upper sub-ordinate be allowed to Major Rawson, for which provision is made in the estimate. ~~The services of an experienced upper subordinate are not at present available but the question will be kept in view and a subordinate posted as early as possible, if approved.~~

3d request that the percentage charges required by the rules for the examination of the revised estimate be waived. The amount which the Local Fund will otherwise be required to pay to the P.W.D. for the scrutiny of the estimate will be

(There appears no objection to the execution of the work being undertaken by the P.W.D., in which case the necessary supervision will be provided by that Department = under the sum of Rs 1500 provided in the estimate for "petty supervision" (vide this 2) and is probably not more than will be required for the purpose —

(If the execution of the work be undertaken by this Dept. the charge for scrutiny of plans &c will be merged in the percentage for supervision —

~~be Rs 125 i.e. 2½ per cent on (Rs 55000 – 50,000) or Rs 5,000. As the amount is small, this concession may perhaps be granted.~~

4th request: that no percentage be charged for P.W. supervision. The amount to be charged in accordance with the rules will be Rs 12,650 or 23 per cent on the cost of the work viz Rs 55,000. ~~If Govt approves the charge may be foregone in consideration of the willingness of the Board to pay the salary of the overseer of the upper subordinate that may be posted.~~

~~Submitted for orders.~~

OVB
8.8.90

W

J.M.
9/8

FOR ORDERS

Htw

There seems no special ground for granting this request, and if Govt are disposed to contribute towards the cost of the work it would be better to make the contribution in the form of a grant to them than in that of an exemption from payment of establishment charge which is likely to form an inconvenient precedent –

G 11/8

E.W. Note. 2275/16

Forwarded for Sanction with the remark that the estimate may be reduced by Rs 1888 the estimated cost of pointing with Surkhi mortar, for which there is not any necessity.

OVB
29.7.90

VI/3 W/

2225/17

Public Works Department.

Current No. 6856

Letter No. 1807

Dated 18th July 1890

From the Supg: Engr: V Circle

Secretariat [illegible]
27-7-90

NOTE OF REMARKS.

The accompanying Esti: amounting to Rs 55,000 for constructing a Causeway across the Palar was returned to the Supg: Engr: V Circle with this Office memo No 1291C d/ 8-3-90 requesting that the cross section of the river showing the levels throughout may be furnished.

The required Cross Section with the levels marked on it together with a section of the borings made are now submitted.

The bed of the paved surface is shown to be 124.00, from the long: section of the river

Arcot makes the undermentioned

there appears to be a sudden* fall in the bed from 124.20 to 116.77 or 7.43 ft: at site of the Causeway which will probably necessitate an apron of dry Stone to protect the foundation from Scour.

The item pointing with Surki mortar seems to be unnecessary, as the work is below bed level, and it will be sufficient if the mortar is allowed to rise well up in the joints of the flooring & scraped off, the omission of this item will effect a saving of Rs 1888-4-– in the Est.–

From the borings made the bed of the river appears to be Sandy although Clay has been met at Certain points –

The Estimate had been reviewed in previous notes & no further remarks appear to be necessary.

C.W.P.
25.7.90

* It seems to be difficult to account for this, especially as the levels show that 1 mile down stream the bed of the river is 9" higher than at proposed site of the Causeway – This one ~~cross~~ longitudinal section perhaps does not fairly indicate the condition of the bed –

Surkhi pointing is hardly necessary –

OOB

An apron of dry stone would increase the cost enormously.

2295/18 P.W.D.

Note by the Chief Engineer, PWD ~~General Buildings and Roads Branch~~

Submitted for the sanction of Govt with the remark that the estimate may be reduced by Rs 1888 the estimated cost of pointing with Soorkhi mortar, for which there is no necessity if the masonry be properly executed –

EW
11.8.90

Arcot makes the undermentioned

B & R
civil works

2275
19

A
Summary orders

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 22nd August 1890

READ the following

Letter from the President Dt. Board North Arcot H.E. No. 2432 d/ 5th Oct. '89
Letter from the Supg. Engineer V Circle —— H.E. No: 5265 d/ 7th Novr. '89
Do —— Do —— H.E. No: 7535 d/ 25th Febry. '90
Do —— Do —— H.E. No: 1807 d/ 18th July '90
Note by the Chief Engineer P.W. department H.E. No: — d/ 11th August '90

The revised estimate amounting to Rs 55,000 for constructing a causeway across the Palar 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 Supg. 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 P.W. 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 P.W. 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 953/1 P.W. Code.

4. With regard to the fourth request the Govt. ~~sees no~~ is not ~~reason~~ 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.

2275/20

10.P

5. The Supg. 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

of register No: 33 W Local
of 1883-4

+ G.O. No: 2729 W d/ 28 Sep. 83

19 Aug. 88

2275
21

7 Confd 7th 9 91
13 G.O. 23.8

The Hon. the Chief Secy
for favour of
countersignatures
13.8

To
The S.E. V Circle
with 6 enclos:
Examiner P.W. Accts
Financial Dept.
Local & Municipal Dept.

Cr Ohs 50. viii
Cs 18: viii
2020. viii

4. With regard to the fourth

1856

Govt. of Fort St. George Madras.

PUBLIC WORKS.

Dated 2378/90

Recd. Encl.

G.O., 12th Augt 1890, No. 2775 W.

Causeway across the Palar River

Revised estimate amounting to Rs 55,000, for constg a — on the road from Rampet to Arcot sanctioned with remarks.

90/6

21