№ 399 Wd/4th February 1888

Communicated
to the Superintending Engineer
V Circle -

(Sd) JOH

SE V Circle

Govt. of {1888} Madras.

LOCAL AND MUNICIPAL.

Issued

Recd. *Encl.*

G.O., 23rd January 1888, No. 199 L.

B No. 399 W d/ 4/2/88

JANUARY.

Bridges.

Communicating to the President, District Board, South Arcot, Proceedings, Public Works Department, sanctioning estimate for constructing a masonry bridge across the Ponniár river, and passing orders on the proposals to utilise the amount allotted for the Chunambar bridge and to depute a special officer to supervise the Ponniár and Gadilam —.

C. Y. 15446. 5 rms.—5/87. I. 912.

23rd January 1888, No. 199 L., Local and Municipal.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

G.O., dated 21st November 1887, No. 3148 W., Public Works.

Read—the following papers :—

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 19th October 1887, No. 2917.

I have the honor to submit, for sanction, under paragraph 8 of G.O., No. 3211 W., dated 6th December 1882, plans and an estimate of Rs. 1,66,100 for constructing a masonry bridge of 16 arches of 60-feet span across the Ponniár immediately to the north of Cuddalore, on the road to Pondicherry, together with the covering letter of the President of the District Board, South Arcot Circle, No. 57, dated 27th September 1887.

2. The proposed bridge is to replace the old bridge, which was destroyed during the heavy floods of 1884. The new bridge will provide 17,070 square feet waterway, which is nearly 22 per cent. in excess of the waterway of the old bridge.

3. The waterway allowed for the railway bridge, South Indian Railway, some 20 miles up the river, is 16,575; but a great deal of this water, after passing the railway bridge, spills over the north bank of the river before it reaches the site of the road bridge. The wells are estimated to be sunk 30 feet throughout, so as to reach stiff clay. From the section it would appear that very hard stiff soil is met at 13 feet depth under seven piers and abutments, and that in only seven cases is the clay at a greater depth than 20.

4. It is probable, therefore, that a considerable saving will be made in sinking the wells, as having reached the clay, it will be unnecessary to continue the wells about 2 or 3 feet into the clay. The retaining walls should, I think, be built deeper, say, 8 feet instead of 6; they need not, I think, be more than 3 feet thick. The afflux will only be a few inches. It is unnecessary to recapitulate the grounds on which it has been decided to build a masonry bridge in preference to an iron bridge, which are sufficiently given in the report and the letter from the President, Local Board.

Enclosures.

From H. SEWELL, Esq., President, District Board, South Arcot, to the Chief Secretary to Government (through the Superintending Engineer, V Circle), dated Cuddalore, 27th September 1887, No. 57.

I have the honor to forward, herewith, for the sanction of Government, plans,* &c., and an estimate for Rs. 1,66,000 for constructing a masonry bridge of 16 arches of 60-feet span across the Ponniár immediately to the north of Cuddalore on the road to Pondicherry.

* As per enclosed list.

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2. In 1856-57, a masonry bridge of 21 arches of 45-feet span was built at this site. It was slightly injured during a heavy fresh in 1874 and was destroyed by the floods of 1884, 13 of its arches having fallen down and the others being injured.

3. In order to secure as much waterway as possible as well as a perfectly sound and reliable structure, it was proposed in August 1886 to construct an iron girder bridge, and an estimate for Rs. 1,65,350 for the purpose was sanctioned by the district board and submitted for the sanction of Government through the Superintending Engineer. But that officer (Colonel Burton) referring to the Government orders noted in the margin, said[*] that all iron bridges should be built with reference to certain standard designs expected to be received from the Secretary of State. He also called for further information on some other points.

1st February 1886, No. 269 W., } herewith returned.
16th June ,, ,, 1525 W., }
30th August ,, ,, 2173 W., }

[*] *Vide* his letter, No. 2885, dated 15th September 1886.

4. The standard designs referred to have, however, not been received yet, and it is doubtful whether, when received, they will be suitable for the bridge across the Ponniár. For a long bridge like the one in question, it is thought necessary to provide a width of 18 feet clear for the roadway, in order that carts, &c., coming from opposite directions, may safely pass each other. In this opinion Colonel Burton and Mr. Martin, the Executive Engineer of this division, concur. But a reference to the Chief Engineer's (Colonel Shaw-Stewart) note embodied in the Government order of the 1st February quoted above, shows that Mr. Anderson's designs provide only for bridges with a width of either 14 feet, or 9 feet clear. Therefore, if an iron bridge is decided on, the designs expected from England will not do, but special designs will have to be made. Under these circumstances, the district board have decided to construct a masonry bridge. I trust that Government will be pleased to approve their action.

5. I take this opportunity to request that Government will be pleased to consider favorably the claim of the district for liberal aid from Provincial funds in constructing this bridge. It is situated on one of the main lines of communication in the district. The old bridge was constructed by Government and its destruction was due to circumstances altogether exceptional in their character. The district board too are not well off, and has had to meet large demands for repairs owing to the floods of 1884.

6. In the current year's budget, a sum of Rs. 37,130 has been provided on account of the Chunambar bridge in the French territory, the money being the provincial grant sanctioned for the purpose last year. As there is no prospect of the bridge being constructed in the immediate future and as the money is lying idle with the district board, I would request that the amount might be transferred to the Ponniár bridge in part payment of any contribution which Government may be pleased to sanction for the purpose. This would be in addition to the Rs. 20,000 allotted this year in regard to which I addressed Government in my letter, No. 53, dated 10th instant.

PROCEEDINGS of the District Board, South Arcot, passed at a meeting held on Saturday, 24th September 1887.

* * * *

No. 1. Read letter, No. 172, dated 30th July last, from the Local Fund Engineer, forwarding, for sanction, an estimate for Rs. 1,66,000 for constructing a masonry bridge of 16 arches instead of an iron girder bridge at a cost of Rs. 1,65,350, as sanctioned in the resolution of the 7th August 1886 across the Ponniár in the 118th mile of the road from Cuddalore to Pondicherry.

Read resolution of the District Board No. 1, dated 13th ultimo, forwarding the papers to Mr. Greswell for his opinion as to whether preference should be given for the iron girder or masonry bridge.

Read letter, No. 8-87—158, dated 24th ultimo, from Mr. Greswell, giving his opinion in the matter.

Read letter, No. 232, dated 8th instant, from the Local Fund Engineer, forwarding, for consideration, demi-official letters received by him from the Superintending and District Engineers and the Local Fund Engineer, Malabar, on the subject of constructing the Ponniár bridge.

Resolution.—A large majority of the board are in favor, under all the circumstances, of constructing a masonry bridge as proposed by the Local Fund Engineer. The plan and estimate prepared by the Local Fund Engineer are approved and will be forwarded to the Superintending Engineer. Government has already been requested to sanction the utilization of the Rs. 20,000 already provided for making bricks and other preparations.

* * * *

Note by the Chief Engineer, Public Works Department.

The waterway allowed appears to be ample, as in extreme floods much of the water spills over the country.

2. The depth the wells are to be founded appears excessive. If very hard stiff clay is to be found at depths shown in the cross section of the river, it will be sufficient to sink the wells, as suggested by the Superintending Engineer, 2 or 3 feet into the clay; this will affect a considerable reduction in the estimate.

3. The flooring might be improved, as the Superintending Engineer has also suggested, by increasing the depth of the retaining wall.

4. The spandril arches should, it is recommended, be omitted; they are not ornamental, are above high-water mark, and are in the position with reference to the arch where weight is desirable.

5. The cut-waters to the piers are not of good shape; they would look better and be less obstructive if curved as shown in pencil on the plan.

6. The rates for the following descriptions of work are somewhat in excess of the Public Works rates current in the district:—Brick-work, arch-work, dental cornice, plastering, laterite boulders in mortar.

With these remarks the estimate is recommended for sanction.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

12th November 1887.

Order—dated 21st November 1887, No. 3148 W., Public Works.

The estimate, amounting to Rs. 1,66,100, for constructing a masonry bridge across the Ponniár river, immediately to the north of Cuddalore, on the road to Pondicherry, is sanctioned

2. The attention of the district board will be drawn to the remarks of the Chief Engineer, Public Works Department.

3. This sanction has been registered as Local, No. 34 W. of 1887-88.

(True Extract.)

(Signed) W. L. C. BADDELEY, Capt., R.E.,
Under Secy. to Govt., P.W.D.

To the Local and Municipal Department, with 15 enclosures.
,, Superintending Engineer, V Circle.

From H. SEWELL, Esq., President, District Board, South Arcot, to the Chief Secretary to Government, dated Ammápet, 7th December 1887, No. 70.

I have the honor to forward, herewith, for the favorable consideration of Government, copy of a resolution of the district board passed at a meeting held on the 3rd instant relative to the construction of the Ponniár bridge. An estimate for Rs. 1,66,000 for constructing a masonry bridge across the Ponniár was submitted to Government, through the Superintending Engineer, with my letter, No. 57, dated 27th September last. The special sanction of Government was obtained (G.O., dated 29th September, Mis. No. 1844 L.) for utilising the current year's grant of Rs. 20,000 in the collection of materials. The work has been put in hand. The district board consider it to be of the greatest importance to have a special officer to look after the construction of the work. The Local Fund Engineer cannot possibly personally supervise the work. I consider, therefore, that the importance of the work demands, at its site, the presence of an officer of some standing and attainments.

2. An estimate for Rs. 1,66,000 for constructing a girder bridge across the Gadilam has just been received from the Executive Engineer. It is now before the Cuddalore Municipal Council and will shortly be submitted to Government with the opinions of the municipal council and the district board. If this work also is put in

hand at the same time, the special officer who may be appointed to supervise the Ponniár bridge might also supervise this work. I therefore recommend that the Government will be pleased to take the request of the district board into their favorable consideration when passing orders on the estimates for the bridges in question.

Enclosure.

Proceedings of the District Board, South Arcot, passed at a meeting held on Saturday, 3rd December 1887.

* * *

No. 14. Read letter, dated 30th November, from M.R.Ry. G. Appasami Aiyar, member, district board, recommending that the construction of the Ponniár bridge may be entrusted to the Public Works Department for execution.

Resolution.—The board are of opinion that it will be of the greatest importance to have a special Engineer to look after the construction of the work. If the Gadilam bridge is put in hand at the same time, one officer might well supervise both bridges. This opinion will be communicated to Government with a request that they will consider it when passing orders on the estimates for the bridges.

* * *

Order—dated 23rd January 1888, No. 199 L., Local and Municipal.

The Government order in the Public Works Department read above will be communicated to the President, District Board, South Arcot.

2. With reference to paragraphs 5 and 6 of the President's letter received with the above Government order, and the President's second letter read above, the Government observe that the plan and estimate for the Chunambar bridge have now been finally settled with the French Government and that a communication requesting the contribution promised by this Government will probably be received from Pondicherry at an early date. The proposal of the district board to utilise the sum of Rs. 37,130 provided in the district board's budget on this account for the construction of the Ponniár bridge cannot therefore be approved.

3. The deputation of a special officer for the construction of the Ponniár and Gadilam bridges, which are between them estimated to cost Rs. 3,32,000, will no doubt be an economical arrangement; but before steps can be taken towards this object, the district board and the municipal council must be able to show a reasonable prospect of the money required being available for expenditure. A financial forecast of the ways and means for these two works should therefore be submitted as soon as possible, and the Government will then consider what assistance can be given to each from Provincial funds.

(True Extract.)

H. E. STOKES,
Chief Secretary.

To the President, District Board, South Arcot,
with plans and estimate returned.
„ Chairman, Municipal Council, Cuddalore,
through the Collector of South Arcot.
„ Public Works Department.
„ Accountant-General.

Exd. P. L. Pereira.

No. 399 Wd/4th February 1888

Communicated to the Superintending Engineer V Circle

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2. The proposed bridge is to replace the old bridge, which was destroyed during the heavy floods of 1884. The new bridge will provide 17,070 square feet waterway, which is nearly 22 per cent. in excess of the waterway of the old bridge.

3. The waterway allowed for the railway bridge, South Indian Railway, some 20 miles up the river, is 16,575; but a great deal of this water, after passing the railway bridge, spills over the north bank of the river before it reaches the site of the road bridge. The wells are estimated to be sunk 30 feet throughout, so as to reach stiff clay. From the section it would appear that very hard stiff soil is met at 13 feet depth under seven piers and abutments, and that in only seven cases is the clay at a greater depth than 20.

4. It is probable, therefore, that a considerable saving will be made in sinking the wells, as having reached the clay, it will be unnecessary to continue the wells about 2 or 3 feet into the clay. The retaining walls should, I think, be built deeper, say, 8 feet instead of 6; they need not, I think, be more than 3 feet thick. The afflux will only be a few inches. It is unnecessary to recapitulate the grounds on which it has been decided to build a masonry bridge in preference to an iron bridge, which are sufficiently given in the report and the letter from the President, Local Board.

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Resolution.—A large majority of the board are in favor, under all the circumstances, of constructing a masonry bridge as proposed by the Local Fund Engineer. The plan and estimate prepared by the Local Fund Engineer are approved and will be forwarded to the Superintending Engineer. Government has already been requested to sanction the utilization of the Rs. 20,000 already provided for making bricks and other preparations.

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Note by the Chief Engineer, Public Works Department.

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2. The depth the wells are to be founded appears excessive. If very hard stiff clay is to be found at depths shown in the cross section of the river, it will be sufficient to sink the wells, as suggested by the Superintending Engineer, 2 or 3 feet into the clay; this will affect a considerable reduction in the estimate.

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(Signed) J. O. HASTED, Colonel, R.E.,
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12*th November* 1887.

Order—dated 21st November 1887, No. 3148 W., Public Works.

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2. The attention of the district board will be drawn to the remarks of the Chief Engineer, Public Works Department.

3. This sanction has been registered as Local, No. 34 W. of 1887-88.

(True Extract.)

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ENCLOSURE.

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} herewith returned.

* *Vide* his letter, No. 2885, dated 15th September 1886.

4. The standard designs referred to have, however, not been received yet, and it is doubtful whether, when received, they will be suitable for the bridge across the Ponniár. For a long bridge like the one in question, it is thought necessary to provide a width of 18 feet clear for the roadway, in order that carts, &c., coming from opposite directions, may safely pass each other. In this opinion Colonel Burton and Mr Martin, the Executive Engineer of this division, concur. But a reference to the Chief Engineer's (Colonel Shaw-Stewart) note embodied in the Government order of the 1st February quoted above, shows that Mr. Anderson's designs provide only for bridges with a width of either 14 feet, or 9 feet clear. Therefore, if an iron bridge is decided on, the designs expected from England will not do, but special designs will have to be made. Under these circumstances, the district board have decided to construct a masonry bridge. I trust that Government will be pleased to approve their action.

5. I take this opportunity to request that Government will be pleased to consider favorably the claim of the district for liberal aid from Provincial funds in constructing this bridge It is situated on one of the main lines of communication in the district. The old bridge was constructed by Government and its destruction was due to circumstances altogether exceptional in their character. The district board too are not well off, and has had to meet large demands for repairs owing to the floods of 1884.

6. In the current year's budget, a sum of Rs. 37,130 has been provided on account of the Chunambar bridge in the French territory, the money being the provincial grant sanctioned for the purpose last year. As there is no prospect of the bridge being constructed in the immediate future and as the money is lying idle with the district board, I would request that the amount might be transferred to the Ponniár bridge in part payment of any contribution which Government may be pleased to sanction for the purpose. This would be in addition to the Rs. 20,000 allotted this year in regard to which I addressed Government in my letter, No. 53, dated 10th instant.

Proceedings of the District Board, South Arcot, passed at a meeting held on Saturday, 24th September 1887.

* * * *

No. 1. Read letter, No. 172, dated 30th July last, from the Local Fund Engineer, forwarding, for sanction, an estimate for Rs. 1,66,000 for constructing a masonry bridge of 16 arches instead of an iron girder bridge at a cost of Rs. 1,65,350, as sanctioned in the resolution of the 7th August 1886 across the Ponniár in the 118th mile of the road from Cuddalore to Pondicherry.

Read resolution of the District Board No. 1, dated 13th ultimo, forwarding the papers to Mr. Greswell for his opinion as to whether preference should be given for the iron girder or masonry bridge.

Read letter, No. 8-87—158, dated 24th ultimo, from Mr. Greswell, giving his opinion in the matter.

Read letter, No. 232, dated 8th instant, from the Local Fund Engineer, forwarding, for consideration, demi-official letters received by him from the Superintending and District Engineers and the Local Fund Engineer, Malabar, on the subject of constructing the Ponniár bridge.

Resolution.—A large majority of the board are in favor, under all the circumstances, of constructing a masonry bridge as proposed by the Local Fund Engineer. The plan and estimate prepared by the Local Fund Engineer are approved and will be forwarded to the Superintending Engineer. Government has already been requested to sanction the utilization of the Rs. 20,000 already provided for making bricks and other preparations.

* * * *

Note by the Chief Engineer, Public Works Department.

The waterway allowed appears to be ample, as in extreme floods much of the water spills over the country.

2. The depth the wells are to be founded appears excessive. If very hard stiff clay is to be found at depths shown in the cross section of the river, it will be sufficient to sink the wells, as suggested by the Superintending Engineer, 2 or 3 feet into the clay; this will affect a considerable reduction in the estimate.

3. The flooring might be improved, as the Superintending Engineer has also suggested, by increasing the depth of the retaining wall.

4. The spandril arches should, it is recommended, be omitted; they are not ornamental, are above high-water mark, and are in the position with reference to the arch where weight is desirable.

5. The cut-waters to the piers are not of good shape; they would look better and be less obstructive if curved as shown in pencil on the plan.

6. The rates for the following descriptions of work are somewhat in excess of the Public Works rates current in the district:—Brick-work, arch-work, dental cornice, plastering, laterite boulders in mortar.

With these remarks the estimate is recommended for sanction.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

12th November 1887.

Order—dated 21st November 1887, No. 3148 W., Public Works.

The estimate, amounting to Rs. 1,66,100, for constructing a masonry bridge across the Ponniár river, immediately to the north of Cuddalore, on the road to Pondicherry, is sanctioned

2. The attention of the district board will be drawn to the remarks of the Chief Engineer, Public Works Department.

3. This sanction has been registered as Local, No. 34 W. of 1887-88.

(True Extract.)

(Signed) W. L. C. BADDELEY, Capt., R.E.,
Under Secy. to Govt., P.W.D.

To the Local and Municipal Department, with 15 enclosures.
,, Superintending Engineer, V Circle.

From H. SEWELL, Esq., President, District Board, South Arcot, to the Chief Secretary to Government, dated Ammápet, 7th December 1887, No. 70.

I have the honor to forward, herewith, for the favorable consideration of Government, copy of a resolution of the district board passed at a meeting held on the 3rd instant relative to the construction of the Ponniár bridge. An estimate for Rs. 1,66,000 for constructing a masonry bridge across the Ponniár was submitted to Government, through the Superintending Engineer, with my letter, No. 57, dated 27th September last. The special sanction of Government was obtained (G.O., dated 29th September, Mis. No. 1844 L.) for utilising the current year's grant of Rs. 20,000 in the collection of materials. The work has been put in hand. The district board consider it to be of the greatest importance to have a special officer to look after the construction of the work. The Local Fund Engineer cannot possibly personally supervise the work. I consider, therefore, that the importance of the work demands, at its site, the presence of an officer of some standing and attainments. i next concd.

2. An estimate for Rs. 1,66,000 for constructing a girder bridge across the Gadilam has just been received from the Executive Engineer. It is now before the Cuddalore Municipal Council and will shortly be submitted to Government with the opinions of the municipal council and the district board. If this work also is put in

x vide C. No. 947.

hand at the same time, the special officer who may be appointed to supervise the Ponniár bridge might also supervise this work. I therefore recommend that the Government will be pleased to take the request of the district board into their favorable consideration when passing orders on the estimates for the bridges in question.

ENCLOSURE.

PROCEEDINGS of the District Board, South Arcot, passed at a meeting held on Saturday, 3rd December 1887.

* * * *

No. 14. Read letter, dated 30th November, from M.R.Ry. G. Appasami Aiyar, member, district board, recommending that the construction of the Ponniár bridge may be entrusted to the Public Works Department for execution.

Resolution.—The board are of opinion that it will be of the greatest importance to have a special Engineer to look after the construction of the work. If the Gadilam bridge is put in hand at the same time, one officer might well supervise both bridges. This opinion will be communicated to Government with a request that they will consider it when passing orders on the estimates for the bridges.

* * * *

ORDER—dated 23rd January 1888, No. 199 L., Local and Municipal.

The Government order in the Public Works Department read above will be communicated to the President, District Board, South Arcot.

2. With reference to paragraphs 5 and 6 of the President's letter received with the above Government order, and the President's second letter read above, the Government observe that the plan and estimate for the Chunambar bridge have now been finally settled with the French Government and that a communication requesting the contribution promised by this Government will probably be received from Pondicherry at an early date. The proposal of the district board to utilise the sum of Rs. 37,130 provided in the district board's budget on this account for the construction of the Ponniár bridge cannot therefore be approved.

3. The deputation of a special officer for the construction of the Ponniár and Gadilam bridges, which are between them estimated to cost Rs. 3,32,000, will no doubt be an economical arrangement; but before steps can be taken towards this object, the district board and the municipal council must be able to show a reasonable prospect of the money required being available for expenditure. A financial forecast of the ways and means for these two works should therefore be submitted as soon as possible, and the Government will then consider what assistance can be given to each from Provincial funds.

(True Extract.)

for Chief Secretary.

To the President, District Board, South Arcot,
with plans and estimate returned.
„ Chairman, Municipal Council, Cuddalore,
through the Collector of South Arcot.
„ Public Works Department.
„ Accountant-General.

Exd. P. L. Pereira.

No 399 W a/4th February/88

B.

Communicated to the Supdg. Engineer V Circle

Communicated to the Supdg. Engr. V Circle

3.2.88

3/2/88

3148 W – 21-11-87
2173-74-75 W – 30-8-86
1525 W – 16-6-86
269 W – 1-2-86
3211 W – 6-12-82

4-2-88

11/4/2

S E V Circle D 4/2/88

S E V Circle

9/2

6/2

P.W.C. No. 970

Govt. of {1888} Madras.

LOCAL AND MUNICIPAL.

8-8-C

Issued

Recd. 1-2-88 *Encl.*

G.O., 23rd January 1888, No. 199 L.

No 399 W a/4th February/88

JANUARY.

Bridges.

Communicating to the President, District Board, South Arcot, Proceedings, Public Works Department, sanctioning estimate for constructing a masonry bridge across the Ponniár river, and passing orders on the proposals to utilise the amount allotted for the Chunambar bridge and to depute a special officer to supervise the Ponniár and Gadilam —.

2 Copies to Offy

With Order

16TH FEBRUARY 1888, No. 527 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Shatiatope, 26th January 1888, No. 4496.

With reference to paragraph 1 of G.O., No. 2636 W., dated 9th October 1886, I have the honor to submit for sanction, under paragraph 8 of G.O., No. 3211 W., dated 6th December 1882, plans and estimate of Rs. 1,66,000 for constructing an iron girder bridge of 13 bays of 62 feet span each and roadway of 18 feet clear across the Gadilam river at New Town of Cuddalore in lieu of the masonry bridge destroyed by floods of 1884, together with the covering letter of the President of District Board, South Arcot, No. 1, dated 6th January 1888.

2. The plans and estimate have been prepared in accordance with your memorandum, No. 3074 C., dated 13th September 1887, with the exception that the corrugated iron floor sheets available in the Public Works Stores are not to be used because each sheet is only 2′ 2″ broad and therefore they cannot be used without having the cross joists 2′ 2′ apart which would throw great extra weight on the bridge as regards fixed load and increase the expenditure as regards the cost of cross joists.

3. The President suggests that a Special Engineer should be appointed to supervise the construction of the Gadilam and Ponniár bridges, an estimate of Rs. 1,66,100 for the latter bridge having been sanctioned in G.O., No. 3148 W., dated 21st November 1887. I support the suggestion of the President and recommend that a Special Engineer may be sanctioned, as it will be impossible for either the Executive Engineer of South Arcot division or Local Fund Engineer to give sufficiently close attention to the works.

Note by the Chief Engineer, Public Works Department.

The waterway allowed approximates to that of the railway bridge above, and is considered sufficient.

2. Wells are allowed under the foundations 32 feet deep, because at a boring made in the river bed clay was reached at this depth. It is understood that only one boring was made (the position is not stated), and it seems probable that clay will be found at a considerably less depth in other parts of the section. If, as the report states, it is expected that clay will be found at no great depth below ground surface at the sections of the wings, it is not probable it will be 32 feet below the wings. The depth of the wells must therefore be decided when the work is commenced, and it will probably be considerably less than the estimate provides for.

3. The estimate is recommended for sanction.

CHEPÂK,
10th February 1888.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

Order—dated 16th February 1888, No. 527 W., Public Works.

The estimate, amounting to Rs. 1,66,000, for constructing an iron girder bridge across the Gadilam river at Cuddalore, is sanctioned.

2. Attention is drawn to paragraph 3 of G.O., dated 23rd January 1888, No. 199 L., Local and Municipal Department, with reference to the suggestion that a special officer be deputed to supervise the construction of the Gadilam and Ponniár bridges.

3. This sanction has been registered as Local, No. 44 W. of 1887-88.

(True Extract.)

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

To the Local and Municipal Département, with twenty enclosures.
„ Superintending Engineer, V Circle.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated February, 16th.

Recd. *Encl.*

G.O., 16th Feb. 1888, No. 527 W.

FEBRUARY.

Bridge across the Gadilam River at Cuddalore

Estimate for constructing an iron girder —, sanctioned with remarks.

23rd January 1888, No. 199 L., Local and Municipal.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following papers :—

G.O., dated 21st November 1887, No. 3148 W., Public Works.

Read—the following papers :—

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 19th October 1887, No. 2917.

I have the honor to submit, for sanction, under paragraph 8 of G.O., No. 3211 W., dated 6th December 1882, plans and an estimate of Rs. 1,66,100 for constructing a masonry bridge of 16 arches of 60-feet span across the Ponniár immediately to the north of Cuddalore, on the road to Pondicherry, together with the covering letter of the President of the District Board, South Arcot Circle, No. 57, dated 27th September 1887.

2. The proposed bridge is to replace the old bridge, which was destroyed during the heavy floods of 1884. The new bridge will provide 17,070 square feet waterway, which is nearly 22 per cent. in excess of the waterway of the old bridge.

3. The waterway allowed for the railway bridge, South Indian Railway, some 20 miles up the river, is 16,575; but a great deal of this water, after passing the railway bridge, spills over the north bank of the river before it reaches the site of the road bridge. The wells are estimated to be sunk 30 feet throughout, so as to reach stiff clay. From the section it would appear that very hard stiff soil is met at 13 feet depth under seven piers and abutments, and that in only seven cases is the clay at a greater depth than 20.

4. It is probable, therefore, that a considerable saving will be made in sinking the wells, as having reached the clay, it will be unnecessary to continue the wells about 2 or 3 feet into the clay. The retaining walls should, I think, be built deeper, say, 8 feet instead of 6; they need not, I think, be more than 3 feet thick. The afflux will only be a few inches. It is unnecessary to recapitulate the grounds on which it has been decided to build a masonry bridge in preference to an iron bridge, which are sufficiently given in the report and the letter from the President, Local Board.

Enclosures.

From H. SEWELL, Esq., President, District Board, South Arcot, to the Chief Secretary to Government (through the Superintending Engineer, V Circle), dated Cuddalore, 27th September 1887, No. 57.

I have the honor to forward, herewith, for the sanction of Government, plans,* &c., and an estimate for Rs. 1,66,000 for constructing a masonry bridge of 16 arches of 60-feet span across the Ponniár immediately to the north of Cuddalore on the road to Pondicherry.

* As per enclcsed list.

2. In 1856-57, a masonry bridge of 21 arches of 45-feet span was built at this site. It was slightly injured during a heavy fresh in 1874 and was destroyed by the floods of 1884, 13 of its arches having fallen down and the others being injured.

3. In order to secure as much waterway as possible as well as a perfectly sound and reliable structure, it was proposed in August 1886 to construct an iron girder bridge, and an estimate for Rs. 1,65,350 for the purpose was sanctioned by the district board and submitted for the sanction of Government through the Superintending Engineer. But that officer (Colonel Burton) referring to the Government orders noted in the margin, said * that all iron bridges should be built with reference to certain standard designs expected to be received from the Secretary of State. He also called for further information on some other points.

1st February 1886, No. 269 W.,
16th June ,, ,, 1525 W.,
30th August ,, ,, 2173 W.,
} herewith returned.

* *Vide* his letter, No. 2885, dated 15th September 1886.

4. The standard designs referred to have, however, not been received yet, and it is doubtful whether, when received, they will be suitable for the bridge across the Ponniár. For a long bridge like the one in question, it is thought necessary to provide a width of 18 feet clear for the roadway, in order that carts, &c., coming from opposite directions, may safely pass each other. In this opinion Colonel Burton and Mr Martin, the Executive Engineer of this division, concur. But a reference to the Chief Engineer's (Colonel Shaw-Stewart) note embodied in the Government order of the 1st February quoted above, shows that Mr. Anderson's designs provide only for bridges with a width of either 14 feet, or 9 feet clear. Therefore, if an iron bridge is decided on, the designs expected from England will not do, but special designs will have to be made. Under these circumstances, the district board have decided to construct a masonry bridge. I trust that Government will be pleased to approve their action.

5. I take this opportunity to request that Government will be pleased to consider favorably the claim of the district for liberal aid from Provincial funds in constructing this bridge It is situated on one of the main lines of communication in the district. The old bridge was constructed by Government and its destruction was due to circumstances altogether exceptional in their character. The district board too are not well off, and has had to meet large demands for repairs owing to the floods of 1884.

6. In the current year's budget, a sum of Rs. 37,130 has been provided on account of the Chunambar bridge in the French territory, the money being the provincial grant sanctioned for the purpose last year. As there is no prospect of the bridge being constructed in the immediate future and as the money is lying idle with the district board, I would request that the amount might be transferred to the Ponniár bridge in part payment of any contribution which Government may be pleased to sanction for the purpose. This would be in addition to the Rs. 20,000 allotted this year in regard to which I addressed Government in my letter, No. 53, dated 10th instant.

Proceedings of the District Board, South Arcot, passed at a meeting held on Saturday, 24th September 1887.

* * * *

No. 1. Read letter, No. 172, dated 30th July last, from the Local Fund Engineer, forwarding, for sanction, an estimate for Rs. 1,66,000 for constructing a masonry bridge of 16 arches instead of an iron girder bridge at a cost of Rs. 1,65,350, as sanctioned in the resolution of the 7th August 1886 across the Ponniár in the 118th mile of the road from Cuddalore to Pondicherry.

Read resolution of the District Board No. 1, dated 13th ultimo, forwarding the papers to Mr. Greswell for his opinion as to whether preference should be given for the iron girder or masonry bridge.

Read letter, No. 8-87—158, dated 24th ultimo, from Mr. Greswell, giving his opinion in the matter.

Read letter, No. 232, dated 8th instant, from the Local Fund Engineer, forwarding, for consideration, demi-official letters received by him from the Superintending and District Engineers and the Local Fund Engineer, Malabar, on the subject of constructing the Ponniár bridge.

Resolution.—A large majority of the board are in favor, under all the circumstances, of constructing a masonry bridge as proposed by the Local Fund Engineer. The plan and estimate prepared by the Local Fund Engineer are approved and will be forwarded to the Superintending Engineer. Government has already been requested to sanction the utilization of the Rs. 20,000 already provided for making bricks and other preparations.

* * * *

Note by the Chief Engineer, Public Works Department.

The waterway allowed appears to be ample, as in extreme floods much of the water spills over the country.

2. The depth the wells are to be founded appears excessive. If very hard stiff clay is to be found at depths shown in the cross section of the river, it will be sufficient to sink the wells, as suggested by the Superintending Engineer, 2 or 3 feet into the clay; this will affect a considerable reduction in the estimate.

3. The flooring might be improved, as the Superintending Engineer has also suggested, by increasing the depth of the retaining wall.

4. The spandril arches should, it is recommended, be omitted; they are not ornamental, are above high-water mark, and are in the position with reference to the arch where weight is desirable.

5. The cut-waters to the piers are not of good shape; they would look better and be less obstructive if curved as shown in pencil on the plan.

6. The rates for the following descriptions of work are somewhat in excess of the Public Works rates current in the district:—Brick-work, arch-work, dental cornice, plastering, laterite boulders in mortar.

With these remarks the estimate is recommended for sanction.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

12th November 1887.

Order—dated 21st November 1887, No. 3148 W., Public Works.

The estimate, amounting to Rs. 1,66,100, for constructing a masonry bridge across the Ponniár river, immediately to the north of Cuddalore, on the road to Pondicherry, is sanctioned

2. The attention of the district board will be drawn to the remarks of the Chief Engineer, Public Works Department.

3. This sanction has been registered as Local, No. 34 W. of 1887-88.

(True Extract.)

(Signed) W. L. C. BADDELEY, Capt., R.E.,
Under Secy. to Govt., P.W.D.

To the Local and Municipal Department, with 15 enclosures.
„ Superintending Engineer, V Circle.

From H. SEWELL, Esq., President, District Board, South Arcot, to the Chief Secretary to Government, dated Ammápet, 7th December 1887, No. 70.

I have the honor to forward, herewith, for the favorable consideration of Government, copy of a resolution of the district board passed at a meeting held on the 3rd instant relative to the construction of the Ponniár bridge. An estimate for Rs. 1,66,000 for constructing a masonry bridge across the Ponniár was submitted to Government, through the Superintending Engineer, with my letter, No. 57, dated 27th September last. The special sanction of Government was obtained (G.O., dated 29th September, Mis. No. 1844 L.) for utilising the current year's grant of Rs. 20,000 in the collection of materials. The work has been put in hand. The district board consider it to be of the greatest importance to have a special officer to look after the construction of the work. The Local Fund Engineer cannot possibly personally supervise the work. I consider, therefore, that the importance of the work demands, at its site, the presence of an officer of some standing and attainments.

2. An estimate for Rs. 1,66,000 for constructing a girder bridge across the Gadilam has just been received from the Executive Engineer. It is now before the Cuddalore Municipal Council and will shortly be submitted to Government with the opinions of the municipal council and the district board. If this work also is put in

hand at the same time, the special officer who may be appointed to supervise the Ponniár bridge might also supervise this work. I therefore recommend that the Government will be pleased to take the request of the district board into their favorable consideration when passing orders on the estimates for the bridges in question.

Enclosure.

Proceedings of the District Board, South Arcot, passed at a meeting held on Saturday, 3rd December 1887.

* * * *

No. 14. Read letter, dated 30th November, from M.R.Ry. G. Appasami Aiyar, member, district board, recommending that the construction of the Ponniár bridge may be entrusted to the Public Works Department for execution.

Resolution.—The board are of opinion that it will be of the greatest importance to have a special Engineer to look after the construction of the work. If the Gadilam bridge is put in hand at the same time, one officer might well supervise both bridges. This opinion will be communicated to Government with a request that they will consider it when passing orders on the estimates for the bridges.

* * * *

Order—dated 23rd January 1888, No. 199 L., Local and Municipal.

The Government order in the Public Works Department read above will be communicated to the President, District Board, South Arcot.

2. With reference to paragraphs 5 and 6 of the President's letter received with the above Government order, and the President's second letter read above, the Government observe that the plan and estimate for the Chunambar bridge have now been finally settled with the French Government and that a communication requesting the contribution promised by this Government will probably be received from Pondicherry at an early date. The proposal of the district board to utilise the sum of Rs. 37,130 provided in the district board's budget on this account for the construction of the Ponniár bridge cannot therefore be approved.

3. The deputation of a special officer for the construction of the Ponniár and Gadilam bridges, which are between them estimated to cost Rs. 3,32,000, will no doubt be an economical arrangement; but before steps can be taken towards this object, the district board and the municipal council must be able to show a reasonable prospect of the money required being available for expenditure. A financial forecast of the ways and means for these two works should therefore be submitted as soon as possible, and the Government will then consider what assistance can be given to each from Provincial funds.

(True Extract.)

H. E. STOKES,
Chief Secretary.

To the President, District Board, South Arcot,
with plans and estimate returned.
„ Chairman, Municipal Council, Cuddalore,
through the Collector of South Arcot.
„ Public Works Department.
„ Accountant-General.

Exd. P. L. Pereira.

Order thereon No. 399 W
d/ 4th February /88

Communicated
to the Superintending Eng:
V Circle
(Sd) J S H
W.

Govt. of {1888} Madras.

LOCAL AND MUNICIPAL.

Issued

Recd. *Encl.*

G.O., 23rd January 1888, No. 199 L.

No. 399 W d/ 4th February /88

JANUARY.

Bridges.

Communicating to the President, District Board, South Arcot, Proceedings, Public Works Department, sanctioning estimate for constructing a masonry bridge across the Ponniár river, and passing orders on the proposals to utilise the amount allotted for the Chunambar bridge and to depute a special officer to supervise the Ponniár and Gadilam —.

S E V Circle

With order

Copy of letter No. 1821 dated 7th January 1888. from John C. Johnston Esquire Executive Engineer Cuddapah Division to the Superintending Engineer 3rd Circle

With reference to your No. 1857 dated 13th December 1887, I have the honor to report that Sergeant Ainley wishes to be allowed one month in which to decide whether he will accept the terms offered for service in Burmah: Being in Madanapully, he explains, he is unable to get information quickly from his friends but hopes to be able to decide in one months time.

No. 2034

(Copy)

Submitted to the Chief Engineer for orders with reference to G.O. No. 3358 W dated 7th December 1887, whether Sergeant Ainley can be allowed a months time from 1st January to come to a decision about his service in Burmah P.W.D.

H Smalley Col R E
Superintg Engineer 3rd Circle

10/1/88

From PWC No. 308

The Supdg. Engineer

3rd Circle

Bellary

To

The Chief Engineer

P. W. D.

Madras

No. 50W d/ 7-1-88
" 24C " 5-1-88
" 22W " 5-1-88
" 3358-59W " 7-12-87
" 2846W " 22-10-87
" 2844W " 22-10-87
" 2630W/A " 7-10-87
" 595D " 23-9-87
" 550D " 9-9-87
" 489D " 29-8-87
" 475-6D " 23-8-87
" 461D " 20-8-87

Dated 10th } January 1888
Recd 12th }

No. 2034

Forwarding copy of letter No. 1821 d/ 7th Jany/88 from the Executive Engineer Cuddapah division reporting that Sgt. Ainley wishes to be allowed a month's time to decide whether he will accept the terms offered for service in Burmah and requesting orders as to whether it can be allowed him.

circ. 12-1-88

No. 176C dated 1st Jany 1888

Rwd

C/

Deferred telegram

To Works

Calcutta

Your 2326 G twenty eighth November. Supervisor Serjeant Ainley requests one month to decide whether will accept [illegible] terms transfer to Burmah. Can this be allowed.

12.1.88

Telegram Despd 14.1.88.

P.P.H. 18 Jany

Cy

~~The Hon Mr H. Hutchins C.S.I.~~

Telegram

No. 176 C d/ 14 Jany 1888

E

14/1.

Do 16/1

No. 232 C d/ 18 Jany 1888

Pro.

C/

Deferred Telegram

To S.E. VI Circle

Trichinopoly

Despatched
18. Jan. 88

G.O. 3358 W seventh

December —

Wire whether

Overseer Gnanasambandam

Pillai accepts terms

transfer Burmah.

18.1.88

3/2

No. 225C d/17-1-88
" 176C " 14-1-88
" 50W " 7-1-88
" 24C " 5-1-88
" 22W " 5-1-88
" 3358-59W " 7-12-87
" 2846W " 22-10-87
" 2844W " 22-10-87
" 2630W/A " 7-10-87
" 595D " 23-9-87
" 550D " 9-9-87
" 489D " 29-8-87
" 475-6D " 23-8-87
" 461D " 20-8-87

Do 19/1.

Telegram

No. 232 C d/ 18 Jany 1888

E

18/1.

DW/

No. 225 C. dated 17 Jany 1888

Pro.

Deferred Telegram

To S.E. III Circle
Bellary

Your 2034 tenth instant.

Ainley must decide at once - wire result soon.

17.1.88

Telegram Despatched 17-1-88

Cu

No. 176C d/14-1-88
" 50W - 7-1-88
" 24C - 5-1-88
" 22W - 5-1-88
" 3358-59W - 7-12-87
" 2846W - 22-10-87
" 2844W - 22-10-87
" $\frac{2630W}{A}$ - 7-10-87
" 595D - 23-9-87
" 550D - 9-9-87
" 489D - 29-8-87
" 475-6D - 23-8-87
" 461D - 20-8-87

No. 225 C d/ 17th Jany 1888

E

7/1.

Ld 19/1

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

Madura 16th January 1888.
D 17/-

No. 972 MD.

From
J. W. Rundall Esquire M.I.C.E.
~~The~~ Superintending Engineer,
6th Circle.

To

The Chief Engineer
Public Works Department
Madras.

ENCLOSURE.

Sir,

With reference to G. O. No. $\frac{3358 W}{7-12-87}$ enquiring whether Overseer T. Gnanasambandam Pillai is willing on certain terms to be permanently transferred to the Burmah Public Works Department, I have the honor to report that I learn from the Executive Engineer, Madura Division, that the Overseer now states that his present circumstances will not permit of his proceeding to Burmah.

I have the honor to be,
Sir
Your most obedient Servant,
J. W. Rundall
Superintending Engineer 6th Circle

P.W.D. No. 530

P. W. D. 6th CIRCLE.

1

From

The Superintending Engineer,

6th Circle.

To

The Chief Engineer P.W.D.

No. 972 MD.

Dated 16
~~D~~ 17
Received 19 } January 1888.

Enclosure.

No. 396 W. of 3.2.88
397

T. Gananasambandam Pillai Overseer:—

states that — is unwilling to be transferred to the Burmah Service.

Await reply about Sergeant Ainley

19.1.88

F C²

10283

Class. DS	INDIAN TELEGRAPH.	Local No. 10283

To (Station) Madras

From (Station) Bellary

Words.	Day.	Hour.	Minute.	Official Instruction.
17.	30.	14	50.	Depd

To (Person) Chief Engineer P.W.D.

From (Person) Supg Engineer

Ainley declines the offer for service in Burmah

Recd. from		L. N.		Sent to		L. N.	
At	Hrs.	Mts., By		At	Hrs.	Mts., By	

Date MADRAS 30-1-88 Telegraph Master.

B. Ellis, C P G I S P—No. 31 T.—27-7-87—32,00,000

Cu

P.W. No. 530

TH CIRCLE.

F C²

Class. DS.

INDIAN TELEGRAPH.

Local No. 05428

To (Station) Madras — From (Station) Calcutta.

Words.	Day.	Hour.	Minute.	Official Instruction.
33·2.	16.	15.	53	Dfd

To (Person) Madras Works — From (Person) Works

your wire 14 about ainley + further delay most indesirable + if madras Govt. can spare services and sees no objection it is considered he should be ordered to Burma

+ 17bc/ 14-1-88

Recd. from At Hrs. L. N. Mts., By — Sent to At Hrs. L. N. Mts., By

Date MADRAS 17-1-88 Telegraph Master.

Sergeant V/14

F C²

Class. DS

INDIAN TELEGRAPH.

Local No. 10283

To (Station) Madras — From (Station) Bellary

Words.	Day.	Hour.	Minute.	Official Instruction.
17.	30.	14	50.	Dfd

To (Person) Chief Engineer P. W. D. — From (Person) Supg Engineer

Ainley declines the offer for service in Burmah

Recd. from At Hrs. L. N. Mts., By — Sent to At Hrs. L. N. Mts., By

Date MADRAS 30-1-88 Telegraph Master.

B. Ellis, C P G I S F—No. 31 T.—27-7-87—32,00,000

Cu

No. 489 I d/ 29.8.87
" 530 I d/ 9.9.87
" 595 I d/ 23.9.87
" 2630 W / # d/ 7.10.87
" 2844.5 W d/ 22.10.87
" 3358.59 W d/ 7.12.87
" 176 C d/ 14.1.88
" 225 C d/ 17.1.88
" 232 C d/ 18.1.88

Cir. 469

To D.W.

For orders whether Serjeant Ainley is to be ordered to Burmah, as suggested by India.

It seems hard that because he volunteered conditionally, he should be selected for compulsory transfer.

If the transfer is to be compulsory, no doubt other men would have been selected in the first instance.

Proposed to wire to S.E. III Circle to the effect that Serjeant Ainley must decide at once, & that nature of his decision should be telegraphed to this office without delay.

Cu
17.1.88

Yes.

P.W.D.

Deferred telegram

To Works
Calcutta

Your message sixteenth ultimo.

Overseer Gnanasambandam and Supervisor Ainley now decline transfer Burmah - this Govt. not prepared order them.

Cu

JoH
3/2/88.

Telegram Despatched
3-2-88.

9

Telegram

E

Hm

B

No. 396 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 3d Feby/88

READ the following

From the S. E. VI Circle No 972 W.D. of 16 January 88

Telegram from S. E. III Circle of 30. 1. 87 (Cir No 920)

Ordered that the G. of I. be addressed

P.G. No 397 W of 3d Feby

To the Secy. to the G. of I.

P.W.D.

Sir,

With reference to para 2 of your letter No 2346 G dated 28 November 1887, & in continuation of para 3 of my No 3359 W of 7 Dec

PRH 27 Feb

+ Also of telegram of 3d Feby 1888

Decr 1887, I am directed to state that the two upper subordinates who conditionally volunteered for service in Burmah have now finally expressed their unwillingness to be transferred to that province.

MCR
31.1.88

31/1/88

Dec
3/2/88

I do not see why the men should be ordered to Burma as the G of I in their telegram suppose.

No 396/397 W d/3. Feby/88

1/2/88

Nor do I — But we ought to let India know by wire that they do not want to go & that we are not prepared to order them

wire accordingly

E

No. 307C d/24th Jany 1888

EXAMINER
No.
25 JAN 1888
ENCLOSURES
P. W. ACCOUNTS.

P.W.C. No. ~~644~~ 964

To C

For favour of remarks.

MCR
23.1.88
D.W.

To W. No. 1016 / 31.1.88

Please see P.W. Code para 865 and N.B. to it. It is for Government to decide whether the purchase of the road maps should be or should not be sanctioned.

No 395 W d/3. Feby/88 C.

B

31/1

// The purchase of 5 copies of the road map in question is sanctioned

MCR
2.2.88

S.E. III Circle
Ex. P.W. Ac
2/2/88
Despd. 3.2.88
Despd. 3.2.88.

From

The Superintending Engineer,
IIIrd Circle.

To

The Chief Engineer
P.W.D.
Madras

Dated 21 } January 1888.
Received —
R 1.2.88

Enclosures.

No 395 W d/3d February/88

No. 2098

Road map of the Cuddapah District prepared by the Local Fund Engineer:—

Requesting sanction for the purchase of 5 copies of corrected—

Superintending Engineer's Office,
3RD CIRCLE

No. 2098.

Camp Hospett ~~Bellary~~ 21 January 1888.

FROM Col: H. Smalley R.E.
THE SUPERINTENDING ENGINEER,
IIIRD CIRCLE.

To

THE Chief Engineer
P.W. Department
Madras

SIR,

I have the honor to request that sanction may be given to purchase 5 copies of corrected Road map of the Cuddapah District, prepared by the Local Fund Engineer mounted on Rollers each at Rs 3½.

Enclosures.

2. 3 copies are required for the Cuddapah Division and two for this Office.

I have the honor to be
Sir
Your most Obedient Servant
H Smalley Col R.E.
Superintg. Engineer 3rd Circle

~~H~~

Explanation? Issue the P.D. [illegible] 27.2.88 see note below

B No. 393 W a/s 3rd Feby 88
P.H. 28 Jany

The following transfers of funds proposed by the S.E. III Circle are sanctioned:—

From

(1)	Head Assistant Collector's + residence at Nandyal	3000
(2)	Police Assistant Supt's Bungalow at Nandyal	3000
	Total	6000

To

(1)	Collector's office Cuddapah	6000

27.1.88

B W/10/2

27/1/88

+ Something in the P.D. turned the other day on the question whether the residence would be shortly provided. Did not find it in next year's budget either under A or B works, but it now seems to have been partly provided for in this year's Budget. How is this?

27/1

20

S.E. III Circle ✓ 8/2
Engr. R.W.O ✓
Rev Dept ✓
Judl Dept
} D

27.1.88

4/2/88

8/2/88

6/2

P.W.C. No. 761

From,
The Superintending Engineer,
IIIrd Circle.

To,
The Chief Engineer
P.W.D.
Madras

Dated 24 } January 1888.
Received 2[illegible] }

Enclosures.

No. 393 W a/s 3rd February/88

No. 2122

Collector's Office Cuddapah

Requests that proposed modification of allotments may be sanctioned to meet expenditure on the—

With order

2. The Estimate for the 1st work is under examination in this Office and the Estimate for the 2nd work was submitted to Government on the 9th January 1888. There is no probability of the allotments for both works being worked out before the close of the Current Official Year.

× 312 C 8 24-1-88

I have the honour to be
Sir
Your most obedt. servant.

H. Smalley Col. R.E.
Supdg. Engineer
3rd Circle

G.O. 2368W d/18.9.86.
" 142W d/14.1.88

~~Hw~~ Explained. Issue the G.O. SSB 2.2.88 see note below

B No. 393 W a/s 3d Feby 88 PRH 28 Jan

The following transfers of funds proposed by the S.E. III Circle are sanctioned:—

From,
(1) Head Assistant Collector's + residence at Nandyal 3000
(2) Police Assistant Supt's Bungalow at Nandyal – 3000

Total 6000

To
(1) Collector's office Caddapah – 6000

WCW
27.1.88

B W 3/2

WRH
27/1/88

+ Something in the P.D. turned the other day on the question whether the residence will be shortly provided. I do not find it in next year's budget either under A or B works, but it now seems to have been partly provided for in this year's Budget. How is this?

27/1
20

SE III Circle ✓ 8/2
Ex PWA ✓
Rev Dept ✓
Judl Dept ✓ } D 4/2/88

Hw 27.1.88
8.2.6 6/2

P.W.C. No. 761

From,
The Superintending Engineer,
IIIrd Circle.

To,
The Chief Engineer
P.W.D.
Madras

Dated 24 } January 1888.
Received 24 }

Enclosures.

No. 393 W a/s 3d February/88

No. 2122

Collector's Office Caddapah

Reqting that proposed modification of allotments may be sanctioned to meet expenditure on the —

Write order

3465 W – 19-12-87
1651 W – 18-6-87
790 W – 24-3-82
No. 1012
30.1.88

To E.W.

Forwarded to E.W.

2. Attention is drawn to G.O.

No. 3465 W. dated 19th. December 1887.

No. 392 W a/s 3d Feby/88 Wd

B

C.
30/1

The cost of one bottle of ink already purchased may be admitted by the Exam^r but the Superintending Engineer's attention is drawn to G.O. 790 W. d/ 24th March 1882. with reference to which no further sanctions can be accorded.

WCW
2.2.88

JCW
2/2/88

Sup^g: Eng^r. VI Circle ✓
Ex^r P.W. Accts ✓
Desp^d 3.2.88.

8.2.6 6/2

P.W.C. No. 949

P. W. D. 6TH CIRCLE.

EXAMINED
No. 382 18/63
10 JAN
ENCLOSURES
P.W. ACCOUNTS

From
The Superintending Engineer,
6th Circle.

To
The Chief Engineer
P.W.D.
Thro' the Exr PW Accts

No. 623 TC

Dated 16 } January 1888.
Received 31 }

No. 392 W a/s 3d February/88

Enclosure.

Stephen's blue black Ink:—

Request sanction for a bottle — purchased locally.

Write the order

~~Hon~~

Explanation issue ... S.D. ... 2.2.88 see note below

B No. 393 W a/3. PPH 28 Jany Feby 88

The following transfers of funds proposed by the S.E. III Circle are sanctioned:—

From,

(1) Head Assistant Collector's ~~Ho~~ residence at Nandyal 3000

(2) Police Assistant Supt's Bungalow at Nandyal – 3000

Total 6000

To

(1) Collector's office Caddapah. — 6000

27.1.88

27/1/88

B 4/3/2

27/1

20

+ Something in the P.D. turned the other day on the question whether the residence will be shortly provided. I do not find it in next year's budget either under A or B works, but it now seems to have been partly provided for in this year's Budget. How is this?

SE III Circle ✓ 8/2

Ex. P.W.A. ✓

Rev. Dept. ✓

Judl. Dept.

27.1.88

4/2/88

6/2

9/2

P.W.C. No. 761

From,

The Superintending Engineer,

IIIrd Circle.

To,

The Chief Engineer

P.W.D.

Madras

Dated 24 } January 1888.

Received 28 }

Enclosures.

No. 393 W a/3rd February/88

No. 2122

Collector's Office Cuddapah.

Regting that proposed modification of allotments may be sanctioned to meet expenditure on the —

With order

OFFICE OF THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

Madura 16th January 1888.

No. 623 T.C.

D 7/.

From J. W. Rundall Esquire, M.I.C.E.

~~The~~ Superintending Engineer,

6th Circle.

To

The Chief Engineer

Public Works Department

Madras.

thro' the Examiner P.W. Accounts

Sir,

ENCLOSURE.

I have the honor to inform you that a bottle of Stephen's blue-black ink was purchased locally for the use of this Office, and the cost thereof charged in the Contingent bill for December last; but the Examiner of P.W. Accounts has provisionally passed the item pending sanction of Government under Code para 842, and standing order No. 180 of 1887 thereon. The purchase was made for the reason that the cost – annas 4 – trifle as it is, may be incurred, as a formal Indent for the same on the Stationery Office would take some

× Div. List No. 129 of 1887-88

some time for its being complied with, and as the transit charge for the ink bottle from Madras would be in excess of the Cost at which it may be locally purchased — I request, therefore, that you will be good enough to authorize the Examiner to admit the charge finally.

I have the honor to be,
Sir,
Your most obedient Servant,
Jno Rundall
Superintending Engineer 6th Circle.

3465 W - 19-12-87
1651 W - 18-6-87
790 W - 24-3-1882
No. 1012
30.1.88

To E. W.

Forwarded to E. W.

2. Attention is drawn to G.O. No. 3465 W. dated 19th. December 1887.

No. 392 W d/ 3d Feby/88

C.

30/1

The cost of one bottle of ink already purchased may be admitted by the Examr. but the Superintending Engineer's attention is drawn to G.O. 790 W. d/ 24th March 1882. with reference to which no further sanctions can be accorded.

2.2.88

2/2/88

Supg: Eng: VI Circle ✓
Exr. P. W. Accts. ✓
Despd. 3.2.88.

6/2

P. W. D. 6TH CIRCLE.

P.W.C. No. 949

EXAMINER
No. 382 18/6
10 JAN 88
ENCLOSURES —
P.W. ACCOUNTS

From

The Superintending Engineer,
6th Circle.

To

The Chief Engineer
P.W.D.
Thro' The Exr. PW Accts

No. 623 TC

Dated 16
~~2~~ 17
Received 31
} January 1888.

No. 392 W d/ 3d February/88

Enclosure.

Stephen's blue black Ink: —

Requests sanction for a bottle of — purchased locally.

With order

No. 3060 W d/ 18.12.85.
" 2863 W d/ 2.11.86.
" 1318 W d/ 14.5.87
" 2604 W d/ 3.10.87
" 3310 W d/ 3.12.87

B

No. 391 W d/ 3d Feby/88

1 Feb

The Executive Engineer Presidency Division is authorised to sell the larger note & from the proceeds to pay the sum of Rs 1613-15-3 in accordance with the order of the High Court. ~~and to re-~~ invest the balance of the proceeds to be reinvested. ~~money in deposit~~ in the manner proposed. —

The Executive Engineer must of course demand to see the original order of the Court before making any payment under it

31.1.88

31/1/88

S.E. V Circle ✓ with 2 Encs:
Exr. P.W.A ✓
31.1.88
Despd. 3.2.88.
6/2

a 434 III of the Public
Works

P.W.C. No. 878

From
The Supdg: Engineer
V Circle.

To
The Chief Engineer
P.W. Department.

Dated 26"
Recd. 30
} January 1888.

~~File~~

~~P.W. 2035~~
88

Enclosures - 2

No. 4511

No. 391 W d/ 3d February/88

Estate of the late Contractor Somoo Chetty — Requesting sanction for the payment of sums due to the — to S. Neemberoomal Chetty in accordance with the Court Order.

With order

recommends with certain remarks that the — may be given

3465 W - 19-12-87
1651 W - 18-6-87
790 W - 24-3-~~82~~
No. 1012
30-1-88

To E. W.

Forwarded to E. W.

2. Attention is drawn to G.O. No. 3465 W. dated 19th. December 1887.

No 392 W a/3rd Feby /88

C.

30/1

The cost of one bottle of ink already purchased may be admitted by the Examr. but the Superintending Engineer's attention is drawn to G.O. 790 W. of 24th March 1882. with reference to which no further sanctions can be accorded.

2.2.88

2/2/88.

Supg: Eng: VI Circle
Exr. P. W. Accts.
Despd 3.2.88.

6/2

P. W. D. 6TH CIRCLE.

P.W.C. No. 949

EXAMINER
No. 382/81
19 JAN 83
ENCLOSURES
P. W. ACCOUNTS.

From

The Superintending Engineer,
6th Circle.

To

The Chief Engineer
P.W.D.
Thro' The Exr PW Accts

No. 623 TC

Dated 16 ~~17~~ } January 1888.
Received 31

No. 392 W a/3rd February /88

Enclosure.

Stephen's blue black Ink: —

Requests sanction for a bottle of — purchased locally.

With order

16-8-07

Madras D.P.W.

No 1108 S.E.

Bangalore 21st Jany 1888.

From

The Executive Engineer
Presidency Division

To,

The Superintending Engineer
V Circle

Sir,

With reference to your memo No 3007 dated 24th October 1887 I have the honor to forward herewith in original to be kindly returned, letter dated 3d January 1888, with its enclosures from M. Venkata Ramiah Chetty, Vakil to T. Nambaroomal Chetty Plaintiff in Civil Suit No 105 of 1887 and to request the favor of early orders. The Pronotes for Rs 1000 + 2000 in the Bank in the name of the Executive Engineer Presidency Dn may now be drawn with interest up to date and sold to Namberumal Chetty who is willing to purchase them. The balance after satisfying the Claim made by Namberumal Chetty may be

reinvested

Works

reinvested in the name of the Executive Engineer.

I have &c

(Sd) Ross Thompson Col. R.E
Ex: Engineer Presy: Dn.

No. 4511.

Submitted to the Chief Engineer P.W. Department, with reference to G.O No 2604 W dated 3d October 1887 for sanction to the payments being made in accordance with the Courts order, from the sums belonging to the estate of late Somoo Chetty Contractor, and to the balances, after making the payments, being reinvested in the name of the Executive Engineer Presidency.

Col. R.E
Superintending Engineer
V Circle

26 January/88.

Enclosures:—
1. original letter from High Court Vakil M. VenkataRumiah Chetty to the Ex. Engr Presidency d/ 3d january 1888.
1. Copy of High Courts order – d/ 2d December 1887.

No. 3060 W d/ 18.12.85.
" 2863 W d/ 2.11.86.
" 1318 W d/ 14.5.87
" 2604 W d/ 3.10.87
" 3310 W d/ 3.12.87

Htw. B

No. 391 W d/ 3d Feby/88

PPH
1 Feb

The Executive Engineer Presidency Division is authorised to sell the larger note & from the proceeds to pay the sum of Rs 1613-15-3 in accordance with the order of the High Court. ~~and to re-invest the balance of the money in deposit~~ the proceeds to be reinvested. in the manner proposed.—

The Executive Engineer ~~must of course~~ demand to see the original order of the Court before making any payment under it

MCM
31.1.88

31/1/88

S.E. V Circle with 2 Encs:

Ex PWA

AM 31.1.88

Despd 3.2.88.

~~P.W.C. No. 878~~

From

The Superintg: Engineer
V Circle.

To

The Chief Engineer
P.W. Department.

Dated 26th } January 1888.
Recd. 30 }

~~File~~

~~P.W. 2355~~
88

Enclosures - 2

No. 4511

No. 391 W d/ 3d February/88

Estate of the late Contractor Somoolchetty — Requesting sanction for the payment of sums due to the — to S. Neemberoomal Chetty in accordance with the Court Order.

With order

No. 305 C d/ 24th Jany 1888

To

C

For favour of remarks.

MCM
23.1.88

DW.

To W.

No. 1013
30.1.88

Should Government consider that Mr Burlton has been so exceptionally unfortunate in the matter of horses as to bring his case within the scope of Code para 454/III, and accordingly sanction the advance asked for, I should not be disposed to question their action.

No. 390 W d/ 3d Feby/88

Htw B

C.

SP
30/1.

An advance of one months' pay is sanctioned to Mr C.H.B. Burlton under the provisions of para 454 III of the Public Works

SPB
6/2

~~P.W.C. No. 600~~

EXAMINER
26 JAN 1883
ENCLOSURES
P.W. ACCOUNTS

No. 442 C.

From

The Superintg. Engineer
5th Circle

To

The Chief Engineer
P.W. Depmt.

No. 390 W d/ 3d Feby/88

Dated 19th } January 1888.
Recd — }

31.1.88

Advance of one Month's pay to Mr Burlton Ex. Engr. Chingleput Dn. for purchasing a horse

—

Recommended with certain remarks that the — may be given

№ 3060 W d/ 18.12.85.
" 2863 W d/ 2.11.86.
" 1318 W d/ 14.5.87
" 2604 W d/ 3.10.87
" 3310 W d/ 3.12.87

HW. B

No. 391 W d/ 3d. Feby/88

PPH
1 Feb

The Executive Engineer Presidency Division is authorised to sell the larger note & from the proceeds to pay the sum of Rs 1613-15-3 in accordance with the order of the High Court. ~~and to re=~~ invest the balance of the proceeds to be reinvested. ~~money in deposit~~ in the manner proposed.—

The Executive Engineer must of course demand to see the original order of the Court before making any payment under it

HMV
31.1.88

31/1/88

S.E. V Circle with 2 Encs:
Ex. PWA
HM 31.1.88
Desptd 3.2.88.

P.W.C. № 878

From
The Suptg: Engineer
V Circle.

To
The Chief Engineer
P.W. Department.

Dated 26" } January 1888.
Recd. 30 }

~~File~~
~~P.W. 2035~~
88

Enclosures – 2

№ 4511

№ 391 W d/ 3d. February/88

Estate of the late Contractor Somoo Chetty — Requesting sanction for the payment of sums due to the — to S. Neemberoomal Chetty in accordance with the Court Order.

With order

16-8-07

No. 4426.

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,
Chepák, 19th January 1888.

From
Colonel H. M. Vibart R.E.
SUPERINTENDING ENGINEER, V CIRCLE,

To
THE Chief Engineer
P. W. Department.

Enclosures.

SIR,

I have the honor to state that Mr Burlton Executive Engineer Chingleput Division has represented to me that his horses have died and that being under the necessity of purchasing a new horse to enable him to perform his duties, he requires an advance of one months pay. On his joining the Chingleput Division in October last, on transfer, I sanctioned an advance of one month's pay to him under Rule I of Code para 454. This advance should be fully adjusted in the Pay Bill, for this month. The object for which Mr Burlton requires the further advance appears to me to come within the provision of Rule III of Code para 454, and if an advance for the purpose mentioned, is admissible under this Rule, I recommend that it may be given. The recovery of the first instalment towards the adjustment of this advance, if sanctioned will have to be made in the Pay Bill of the month following that in the Pay Bill of which the advance already given is fully adjusted. Since his return from England Mr Burlton has lost 2 horses by death and a third lately purchased, is now lame, has been sent for treatment to the veterinary stables at the Mount and is likely to be there a long time.

I have the honor to be,
Sir,
Your Most Obedient Servant
Col R.E
Superintending Engineer
V Circle

Works Code

31.1.88

1/2/88

No 5
S E V Circle
Ex PWD
H.W. 1-2-88
Despd. 3-2-88.

No. 305 C d/ 24th Jany 1888

To
C
For favour of remarks.

23.1.88

D.W.

No. 1013
30.1.88

To W.

Should Government consider that Mr Burlton has been so exceptionally unfortunate in the matter of horses as to bring his case within the scope of Code para 454,iii,and accordingly sanction the advance asked for,I should not be disposed to question their action.

No. 390 W a/ 3d Feby/88

C.

30/1.

An advance of one months' pay is sanctioned to Mr C.H.B. Burlton under the provisions of para 454 III of the Public Works

8/2

PWC No ~~600~~

EXAMINER
No.
25 JAN 1888
ENCLOSURES
P.W. ACCOUNTS

No. 4426.

From
The Superintg Engineer
5th Circle

To
The Chief Engineer
P.W. Deptt.

No. 390 W a/ 3d Feby/88

Dated 19th January 1888.
Recd 31-1-88

Advance of one Months pay to Mr Burlton Ex: Engr. Chingleput Dn for purchasing a horse

Recommended with certain remarks that the may be given

16-8-07

No. 1818 C d/ 31.5.87

PWC No. 905

Reference to Madras P. W. D. Code,
Para. 2054.

P. W. D. Form.
No. M 128.

No. 245 W d/ 20-1-88
" 3312 W " 3-12-87
" 2916 W " 4-11-87
" 2607 W " 3-10-87
" 2420 W " 7-9-87
" 2054 W " 1-8-87
" 1769 W " 2-7-87
" 1491 W " 3-6-87
" 1560 W " 21-6-86
" 3207 W " 24-11-87

MADRAS.
CENTRAL OFFICE OF ACCOUNTS.

Branch—
31.1.88

Progress Report or Return showing the Receipt and Disposal of accounts in the Office of Examiner, Public Works Accounts, Madras, from the 27th December 1887 to the 27th January 1888.

Total No. of Divisions
Do. Passed
No. 388 W

~~No. 38 A C~~ d/ 2d Feby 1888

Recorded in continuation of G.O. No. 245 W d/ 20th January 1888.

1.2.88

1/2/88.

W

No 1818 Ca 31

Number.	DIVISIONS. Name.	Number of Sub-divisions rendering distinct accounts to Executive Engineer.	AVERAGE TIME OCCUPIED IN TRANSIT OF ACCOUNTS FROM Sub-Divisional Officers to Executive Engineers	AVERAGE TIME OCCUPIED IN TRANSIT OF ACCOUNTS FROM Executive Engineer's Office to Exr.	COMPLETE ACCOUNTS RECEIVED FROM EXECUTIVE ENGINEERS. For what months.	COMPLETE ACCOUNTS RECEIVED FROM EXECUTIVE ENGINEERS. Months' arrears.	COMPLETE ACCOUNTS RECEIVED FROM EXECUTIVE ENGINEERS. Date of receipt in Examiner's Office.	ACCOUNTS AUDITED. For what months.	ACCOUNTS AUDITED. Date on which audit was completed.	ACCOUNTS POSTED IN DIVISIONAL REGISTER. For what months.	ACCOUNTS POSTED IN DIVISIONAL REGISTER. Months' arrears.	ACCOUNTS POSTED IN DIVISIONAL REGISTER. Date on which posting was completed.	PROVINCIAL REGISTER POSTED. For what months.	PROVINCIAL REGISTER POSTED. Months' arrears.	PROVINCIAL REGISTER POSTED. Date on which posting was completed.
1	Ganjam	4	2	8	Novr Decr		27-12-87 25-1-88								
2	Vizagapatam	3	2	6	Novr Decr	1	28-12-87 not recd								
3	Eastern Godávari ..	4	4	6	Decr		not due								
4	Western Godávari	3	2	5	Novr Decr	1	27-12-87 Not recd								
5	Central Godávari	2	2	6	Decr	1	Not recd								
6	Dowlaishweram Workshops ..	..	..	6	Novr Decr	1	23-12-87 Not recd								
7	Eastern Kistna ..	4	3	4	Novr Decr	1	5-1-88 Not recd								
8	Western Kistna	2	2	4	Novr Decr		26-12-87 23-1-88								
9	Buckingham Canal ..	4	3	2	Decr		21-1-88								
10	Nellore	3	2	2	Decr	1	Not recd								
11	Bellary	2	2	1	Novr Decr		21-12-87 20-1-88								
12	Kurnool	4	1	3	Decr	1	Not recd								
13	Cuddapah	2	1	1	Novr Decr	1	19-12-87 Not recd								
14	Nílgiris	2	2	2	Decr	1	Not recd								
15	Coimbatore	4	4	1	Novr Decr	1	22-27-12-87 21-1-88 Not recd								
16	West Coast	4	4	3	Decr	1	Not recd								
17	North Arcot	2	1	1	Decr		21-1-88								
18	South Arcot	4	3	1	Decr	1	Not recd								
19	Chingleput	3	1	1	Decr		21-1-88								
20	Presidency and Bangalore ..	3	1	1	Decr	1	Not recd								
21	Presidency Stores	..	..	1	Novr Decr	1	24-12-87 Not recd								
22	Presidency Workshops ..	..	..	1	Decr	1	Not recd								
23	Trichinopoly	2	2	1	Decr	1	Not recd								
24	Tanjore	4	2	1	Decr		24-1-88								
25	Negapatam	3	1	1	Novr Decr	1	24-12-87 Not recd								
26	Madura	4	2	2	Decr	1	Not recd								
27	Tinnevelly	3	1	3	Decr	1	Not recd								
28	Ramnad	..	..	3	Decr	1	Not recd								
29	Consulting Architect ..	2	1	1	Decr		20-1-88								
30	Periar Project	1	"	2	Decr	1	Not recd								
	Total ..					21									
	Deduct—Necessary arrears allowed by standard ..														
	In arrears					21									
	Average of arrears ..					·7									

HALF-YEARLY RETURNS FOR THE PERIOD ENDING ______ 188 .

	Stock.		Tools and Plant.		Road Metal.		Buildings.		REMARKS.		
	Date of Receipt.	Date of Disposal.	Date of Receipt.	Date of Disposal.	Date of Receipt.	Date of Disposal.	Date of Receipt.	Date of Disposal.		Month.	Date on which posted, rendered or received.
									Exchange Account rendered to Provincial Accountant-Genl.		
									Do. received from do.		
									Statement of Subscriptions to Service Funds rendered to Secretary of each Fund.		
									Monthly Acct.-current with schedules to the Acctt.-General, P.W. Department.		
Number of Half-yearly returns received.											
Number still due.											
Number disposed of.									General Average.		

In calculating arrears two-thirds of a month are allowed for the submission of the Accounts to the Examiner, half a month for auditing and half a month for posting.

MADRAS,
27th January 1888.

To The Secretary to Government
~~The Accountant-General,~~
Public Works Department.

Abstract of December 1887
Number received by due date — 8
not due — 1.
—— do —— not received — 21
Total number of Divisions — 30

It will be observed that 21 Divisions are in arrears of the revised dates prescribed in G.O. No 721 W dated 23rd August 1885 and subsequent orders.

Major R.E.
Examiner of P. W. Accounts, Madras.

E.P. 27/1.

1888.

P. W. DEPARTMENT.

Current No. 983

Eccl.

From Public Dept

ENCLOS.—

No. 99 Miscellaneous

Dated 26. 1. 88

Received 2. 2. 88

SUBJECT.

Report on Native Newspapers for fortnight ending 31.12.87

DISPOSAL.

No. 389 W Dated Feb. 3. 1888.

Confidential

16-8-07

No. 1818 Ca/31.5.87

No 388 W a/ 2d February/88

Issued 2.2.88

PPH 2 Feb

The defence of the suit at the public expense is sanctioned. The claims which the Supdg Engineer considers should not be pressed may, as recommended, be waived, but the defence sd. be settled upon the advice of the Govt Pleader.

31.1.88

31/1/88

[I believe I went into this matter fully before × that the Govt. Pleader will be allowed to see what I said on each head. The only course now left us is to abide by his advice as the papers are not here]

+ these original papers sent

SE V Circle with 1 Encl returned

D 1/2/88

Ex. PWA 3. 2. 88.

1.2.88

2.2.88

2.2.88

3/2

P.W.C. No. 929

From

The Supdg Engineer 5th Circle.

To

The Chief Engineer P W Deptt.

Dated 27th } January 1888.
Recd 31st }

Encl. 1.

No. 388 W a/ 2d Feby/88

No. 4522.

Ramnatha Pillay. Contractor.

Forwards draft defence for the Civil Suit brought by — for being placed in the hands of the Govt Solicitor admitted these claims, I consider that no pleading should be made under these heads.

4. It seems very doubtful whether the contractor's deposit of Rs 300 can be justly withheld from him. The original contract was dated 9th November 1883, the contract was to have been completed by 31st August 1884, but extensions of time were given first to 5th November 1884, again to 15th February 1885, again to 31st March 1885, and finally to 15th May 1885 and apparently the work was completed at about this last date.

I have the honor to be
Sir
Your most Obedient Servant

Coll R.E.
Supdtg: Engineer, V Circle