C.No. 3746.

21-11-17

Govt. of (1894) Madras.
PUBLIC WORKS.

Dated

Recd. Encl.

G.O. 19th June 1894. No. 1505W.

Spoil banks.

≡

Orders deferring sanction to the estimate for the removal of — between the head of the Ellore and Ryves' Canals, pending information on certain points in connection with the proposed new Hospital at Bezwada.

N. 1916

INDEXED.
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hospital of this kind would require the sole attention of a fully qualified European Medical officer if it is to be worked with success and to confer benefits on the people proportionate to the heavy outlay involved in its construction. There must be satisfactory security for the future maintenance of the hospital before the Government can permit the expenditure of the large sum proposed.

5. Pending information on these points sanction to the estimate submitted will be deferred.—

H.E./

Removal of Spoil banks for new hospital at Begorada

The Hon: the Chief Secy: for favor of [illegible]

B/

S. E. II Circle
L & M. dept.

D 27/6/99

ascertain with certainty whether the hospital, if it is to be built, cannot be constructed on top of the bank which it is proposed to remove. The Supdg Engineer will accordingly report whether the foundations in the position indicated ~~the~~ ~~of~~ would be suitable for such a building as the hospital ~~would be secure~~ ~~in the position indicated. The~~ They ~~foundations~~ would probably have to be deeper ~~and wider~~ than ~~necessary~~ for a building to be ~~if the soil were so~~ constructed in natural soil, but as the soil is old it may not be found ~~un~~suitable for the purpose ~~needed~~. The relative cost of the two proposals should be compared. The Supdg Engineer will also state whether any, and if so how much, land would be available for building sites in addition to the hospital site, if the spoil in question were removed and what value might be put upon such land.

4. It is, moreover, doubtful whether it would be wise to incur this heavy expenditure for the benefit of a hospital the building which has not yet

been definitely sanctioned. It is proposed to spend Rs. 60,000 on the building, but the only provision, so far as the Government is aware, that has been made for this expenditure is that the Kistna Local Board has taken credit in its current year's Budget for a contribution of Rs. 5,000 for this object from the Bezwada Municipality. Enquiry will be made in the Local & Municipal Dept. as to how and when funds for the building are to be provided. It should also be ascertained what provision is intended to be made for medical attendance

Acting Collector's letters printed with the G.O. quoted above it is clear that the Collector was under the impression that the amount in question provided for clearing the spoil banks which enclosed the site of the proposed new hospital, but he afterwards discovered that the estimates referred to the removal of the spoil banks some distance below this site. A fresh estimate amounting to Rs 31,500 has therefore been submitted by the Supdg Engineer for removing the spoil banks between the head of the Ellore and Sypes Canals so as to open out the site of the proposed new hospital.

This estimate is in addition to that already approved amounting to Rs 23959.

3. His Excellency the Governor in Council has considerable doubt as to whether it is worth while to spend the large sum of Rs 31,500 for the removal of what is said to be an obstacle to the free perflation of air in Arundelpett and to improve the sanitation and coolness of the new hospital which it is proposed to build at a cost of Rs 60,000 half to be contributed by the Local Board and half by the Municipality. Before incurring so heavy an expenditure it seems desirable to

1505 W

A/

No: 1505 W. d/ 19" June 1894.

PUBLIC WORKS DEPARTMENT.

B & B
Civil works

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

| | |
|---|---|
| From the Supt'g Eng'r II Circle | Rs. No. 1958 K.S. d/ 15. 11. 93 |
| do | .. .. 2407 K.S. d/ 17. 1. 94 |
| Endt. from the C. Eng'r I | .. .. 8 E.W. d/ 29. 1. 94 |
| From the Supt'g Eng'r II Circle | .. .. 300 K.S. d/ 17. 5. 94 |

60

The Supt'g. Engineer sh'd. also be asked to state, whether any, & if so - how much land would be available for building sites - in addition to the Hospital - if the spoil in question were removed - and what value might be put upon such land.

W
15 June

In G.O. dated 17th July 1893 No. 926 M, Local and Municipal, estimates amounting to Rs 23,959 for the removal of the spoil banks along the portion of Ryves Canal at Bezwada were approved and the Public Works Department was directed to arrange for the execution of the work from Provincial funds.

2. From para: 13 of the

(40—1,000—21-4-94.)

Cost of its upkeep. Where is the properly qualified European head of such an institution to come from for duty at Bezwada? I do not know. We should at least have an answer to this question & security for the future maintenance of the hospital before we permit the expenditure of Rs 60000 on it.

On all grounds, therefore, I am clear that sanction to this estimate of Rs 31,500 should at least be deferred.

H.B.
6/6/94.

The Hon Mr Bliss raises serious objections to this new estimate. Full reports shd be obtained on the points wh he has referred before it is sanctioned.

J.G.
7/6

up to the amount of the advances made for the reclamation work.

5. The sanction accorded in para 3 has been registered as Provincial do. W of 1894-95, and classified as Miscellaneous Public Improvements, Original Works.

265

CWRS 24/5/94 J.S. 24/5/94

Cr

O.S. 79. Cl. 24/5/94. Slip E. 29/5 L. 31/5 Cir: 31/5 R. 8/6

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~~H J~~

Cir

(1) ~~The Hon. Mr H. W. Bliss~~ C.I.E.

(2) ~~The Hon. Mr J. H. Grose~~

Removal of [illegible] [illegible] at Bezwada

~~Mr Hunter Chief Secy for favour of remarks~~

S. E. II circle
with plan & estimate
Chief Engr. for Irrigation
Examiner P. W. Accts
L & Municipal Dept
Revenue Depts.

W

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-X-

~~[illegible]~~ a hospital, the building of which has not yet been sanctioned, and is, in my opinion, of very doubtful expediency. The proposal is to spend Rs 6000 on the building. But the only provision, so far as I can find out, that has been made for this expenditure is ~~that~~ the Kd. L. Bd. has taken credit in ~~the~~ its current year's budget for a contribution of Rs 5000 for this object from the Bezwada Municipality, which (but none of its own money) it proposes to spend to begin with (see linked file). The L. Bd. may no doubt find Rs 3000 for the work, as its share, for it is rich. But will the Bezwada Municy be able to find another Rs 3000 for it within any reasonable time? I doubt it.

Assuming, however, that the money is found, the question will still remain: Ought the expenditure of Rs 6000 on a hospital at Bezwada to be allowed? I doubt it. So large an expenditure presupposes a large building containing many beds. But a hospital ~~containing~~ many beds ought not to be started without proper provision for medical attendance, nurses &c. A large hospital ought not to be entrusted to an apothecary, but would require ~~the sole attention~~ of a fully qualified European medical man, ~~if~~ if it is to be worked with success and to confer benefits on the people proportionate to the ~~cost~~ necessarily heavy the impression that the amount in question provided for clearing the spoil banks which enclosed the site of the proposed new hospital, but he afterwards discovered that the estimates referred to to the removal of the spoil banks some distance below this site. A fresh estimate amounting to Rs 31,500 was therefore subsequently submitted by the Superintending Engineer for removing the spoil banks between the heads of the Ellore and Ryves' Canals, so as to open out the site of the proposed new hospital. This estimate is in addition to that already approved amounting to Rs 23,959.

3. His Excellency the Governor in Council regrets that the facts now brought to notice were

not

Bezwada. The proposed removal (to cost Rs 23,959) of the banks shown in green on the plan does not ~~seem~~ an unreasonable, though it will be a costly, work, for the total length of the banks to be removed exceeds 1 [illegible], and the area of land to be benefited by the more free perflation of air is comparatively large. The additional area of land fit for building on, which will in this way be secured, is not small, so that by the sale thereof ~~[illegible]~~ a fair proportion of the expenditure may possibly be some day recovered.

I do not think, however, that so much can be said for the project (to cost Rs 31500) of removing the heap ~~of spoil~~ (mostly of spoil, I gather) which lies in the narrow point between the Ellore & Ryves' Canals, & extends a little more than 1000 feet down the former, and about 1250 feet down the latter. The space here proposed to be cleared appears to be somewhat less than a fifth of the area to be cleared under the former project abovementioned, so that the cost will be proportionately much higher. The reason for this is that there is no place near where the earth to be removed can be deposited. It ~~will~~, therefore, have to be carted to a considerable distance to a part of Arundelpet, where its deposit ~~[illegible]~~ will raise the existing level of the ground to such an extent as ~~to necessitate~~ the raising of several roads at considerable expense.

The prevailing winds at Bezwada are said to be the N.E. & S.W. From N.E. to S.W. is about the direction (lengthways) of the mass of earth proposed to be removed, the max^m width & height of which are about 140 yds and 24 feet respectively. That is, the mass which will tend to intercept the prevailing winds is considerably smaller than ~~[illegible]~~ many a terrace in an ordinary English town.

Whether it is worth while to spend Rs 31,500 for the removal of such an obstacle to the free perflation of air in Arundelpet is the question. I do not think it is & would therefore refuse to sanction the project.

I observe that the object of incurring this expenditure is to improve the sanitation ~~&~~ and coolness of a new hospital which it is stated, it is proposed to build at a cost of Rs 60000, half to be contributed by the L. Bd. & half by the Municipality. The site of the hospital is not shown on the plan, so I am unable to say whether the proposed expenditure would be likely to have the desired effect. Before incurring so heavy an expenditure, however, I would suggest that the least to be done is to ascertain whether the hospital, if it is to be built, cannot be built on top of the bank which it is proposed to remove. This would give more coolness & ventilation than the other plan. There might be a difficulty about the foundations — it is difficult to say how much without knowing what sort of hospital it is proposed to build. But as the spoil bank is said (as most of it) to have been thrown up 30 years ago, I should not think that it would be impossible to build on it at a much smaller cost for deepening & widening of foundations than it would take to remove it. This, however, is a question for our professional advisers.

Another point is that it is not wise to incur this heavy expenditure for the benefit of ·/·

not made clear in the first instance, and as the hospital is undoubtedly a most important work, and cannot be proceeded with until the spoil banks have been cleared, the estimate of Rs 31,500 is sanctioned for execution from Provincial funds. The question of providing a grant for the work will be considered after the demands on account of incomplete works have been disposed of.

4. The estimate of Rs 23,959 will remain in abeyance for the present. Should it hereafter be sanctioned it will be on the distinct understanding that the reclaimed land will be sold by the Bezwada Municipality for building sites, and that the proceeds will be paid to Government

up

P.W. CURRENT No. 3746

From
The Supg. Engineer
Second Circle

To The Chief Engineer
P.W. Department

Dated 17th } May 1894
Despd 18 }
Recd: 21-5-94
No. 300 K.S.

Spoil bank in the Ellore Canal — Forwards copy of Exe: Engineer's letter reporting that piece of under reference has been removed at the cost of the Municipality

No. 2485 W d 28.9.93
" 2649 W d 16.10.93
" 3405 e d 23.10-93
" 685 I d 12-8.92
" 3043 d 7.4.93
" 3443 d 15.4.93
" 3413 e d 22.6.93
" 2105 W d 16.8.93
" 4103 e d 1.12.92
" 485 e d 2.2-94
" 347 W d 8-2.94
" 1161 W d 10.5.94

O.S. 79 R1896

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# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

~~From the~~ S. E. II circle (AE No. 1958 K.S. d/15th Novr/93)
Do ——do—— ( " " 2407 K.S. d/17th Jany/94)
Endorsement from the chief Engineer for Irrign. } ( " " 8 EW d/ 29 Jany 1894)
~~From the~~ S. E. II circle ( " " 300 K.S. d/17 May 1894)

+ G.O. d/16 August 1893 No. 2105 W.

In G.O. dated 17th July 1893 No. 926 M. Local and Municipal, estimates amounting to Rs 23959 for the removal of the spoil banks along a portion of Ryves Canal at Bezwada were approved, and the P.W. Department was directed to arrange for the execution of the work from Provincial funds.

2. From para 13 of the acting Collector's letter printed with the G.O. above quoted it is clear that the Collector was under the

Sanctioned.
I suppose that the effect of clearing the spoil banks for this new estimate of 31500 Rs. will be not only to give the hospital the requisite light & air, but will also leave a certain amount of land, which will be available for building sites. If this is so, we may expect to recoup some of the outlay.
W
31 May

On Novr. 22 H.E. directed that these papers should be circulated. But they were not sent to me & this is consequently the first I have heard of the proposed expenditure of over Rs 55000 on clearing away the spoil & and silt banks on the banks of the Canals near

(10—1,000—21-4-94.)

From

The Supdg Engineer
2d Circle

To

The Chief Engineer
for Irrigation
Madras

Recd. 31.1.94

Dated 17 January 94

Encl 1 plan

No 2407 K.S.

Spoil banks between Ellore & Rypres Canals – forwards a Survey plan showing the sites of – to which the Estimates amounting to Rs 23959, and Rs 31500 relate.

---

Chief Engineer for Irrigation 12 K

No 8 E.W.

Forwarded to the Chief Engineer, P.W. Dept., for disposal.

W H Whitehead 30/1
for Chief Engr. for Irrigo.

Chepâk
29 Jany 94.

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Letter from the Executive Engineer, Kistna Eastern Division, to the Superintending Engineer, 2nd Circle, dated 8th February 1894, No. 5385.

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With reference to your No. 2,638 K.S., dated 6th February 1894, I have the honor to inform you that the piece of bund in question was removed at the cost of the Municipality and does not therefore go against either estimate.

---

No. $\frac{300\ K.S.}{17.5.94}$

Forwarded to the Chief Engineer, Public Works Department, with reference to his No. 489 C dated 2nd February 1894.

J W H Smyth
Executive Engineer,
for Superintending Engineer,
2nd Circle

Supdg. Engr's Office,
2nd Circle,
May 1894.

S.
17.5.94.

P. W. CURRENT No. 9775

From
The Supdg. Engineer
II Circle

To,
The Chief Engineer
P. W. Department
Madras

Recd 17/11/93
Dated 15th Novr./93

No. 1958 Ks
Encs 36
(1 plan)

Bank between the heads of Ellore & Ryes canals — Submitting estimate for the removal of — as it is important at present as suggested by the Collector in his letter, enclosed.

---

From,
The Superintending Engineer,
II Circle.

To,
The

Dated
Received } 18

Enclosures.

NO.

SUBJECT.

No. 6859 d/ 12-8-92
" 3049 " 7-4-93
" 3449 " 15-4-93
" 2413C " 22-6-93
" 2105W " 16-8-93
" 2485W " 28-9-93
" 2649W " 16-10-93
" 3405C " 23-10-93

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From C. A. Smith Esqre Executive Engineer Kistna Eastern Division, to the Superintending Engineer II Circle, d/ Bezwada, 22nd Decr 1893, No. 4759.

Spoil banks between Ellore & Ryves Canals

With reference to Chief Engineer's Memorandum No. 4103C/1.12.93 bearing your Endorsement No. 2175 K.S./6.12.93 I have the honor to forward herewith a survey plan showing the sites to which the two Estimates of Rs 23,959 and Rs 31,500 relate.

No. 2407 K.S./17.1.94

Forwarded to the Chief Engineer for Irrigation in reply to his Memorandum No. 4103C d/ 1.12.93.

Encl. 1

Camp Dugarazpatnam
9th January 1894

J. W. Martin
Supg: Engineer
2nd Circle.

15-1-94.

possible to cheapen the work by handing over some of the earth to the Railway Company for use in levelling their station yard. or otherwise the Local Fund District Engineer might be able to suggest some way of cheapening matters, in connection with the work of building the hospital that is to be erected at the site. In any case, it would be well to level the bank as far as the funds available will permit.

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(True Copy)

Rs 5.1
8775/93

Dlb Morin
14/11

For Supdg Engineer
II Circle

J.S.
14.11.93

the bank between the heads of Ellore & Ryves Canals than to remove the banks lower down.

2. The Cost of removing the banks will be Rs 31,500 as per enclosed Estimate. The rate for the work is high as the earth must be Carted a mile & spread over the ground between the two Canals known as Arundel-pet, there being no other way of disposing of it. However, Should the Railway or Local Fund Engineer, be able to utilize the earth, any reduction of rate that Can be made will be, of Course, be made, but I think it is most unlikely that either the Railway or the Local Fund Engineer will want the earth except perhaps a small quantity.

I have the honor to be,
Sir,
Your most obedt Servt
R. H. Morris

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Print

From J. N. Atkinson Esquire,
Collector of Kistna, to the Supdg
Engineer, 2nd Circle, No 1423 of 4 Nov/93.

288

In reply to your letter No 1827 KS dated 31st October 1893, I have the honor to say that the Spoil bank for removal of which I applied for Government Sanction is the solid triangle at the nose between the Ellore & Ryves Canals. By inadvertence, I had not noticed that the Estimate for Rs. 23,959 omitted this triangle, and applied to the banks further on. At the present time, it is of less importance that these banks further on should be removed. I observe that you Estimate that Rs 30000 will be wanted to remove the solid triangle. Would it not be possible

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.

PUBLIC WORKS.

*Dated June, 19th.*

*Recd.* *Encl.*

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**G.O., 19th June 1894, No. 1505 W.**

---

**JUNE.**

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## Spoil Banks

Orders deferring sanction to the estimate for the removal of — between the head of the Ellore and Ryves' canals pending information on certain points in connection with the proposed new hospital at Bezwada.

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Superintending Engineer's Office.

No. 1958 Ks

II CIRCLE, Bezwada
Dated 15th Novr. 1893.

1P

From,
J. W. Martin Esquire,
Superintending Engineer,
II Circle.

To,
The Chief Engineer,
Public Works Dept,
Madras.

Enclo 3.
1. Letter No 1423
1. Estimate with report
1. Plan
3

Sir,

With reference to your memorandum No. 3405 C dated 23rd Ultimo in the matter of removing certain Spoil banks at Bezwada; I have the honor to forward Copy of letter No. 1423, dated 7th November 1893 from the Collector, from which you will observe he considers that at the present time it is more important to remove the

the

No. 2407 K.S.

Forwarded to the Chief Engineer for Irrigation in reply to his memorandum No. 4103 C., dated 1st December 1893.

Dugarazpatnam,
17th January 1894.

(Signed) J. W. MARTIN,
Suptg. Engineer, II Circle.

No. 8 E.W.

Forwarded to the Chief Engineer, Public Works Department, for disposal.

Chepâk,
29th January 1894.

(Signed) F. W. ASHPITEL,
*for* Chief Engineer for Irrigation.

From the Executive Engineer, Kistna Eastern Division, to the Superintending Engineer, II Circle, dated 8th February 1894, No. 5385.

With reference to your No. 2638 K.S., dated 6th February 1894, I have the honour to inform you that the piece of bund in question was removed at the cost of the municipality and does not therefore go against either estimate.

No. 300 K.S.

Forwarded to the Chief Engineer, Public Works Department, with reference to his No. 489 C., dated 2nd February 1894.

17ht May 1894.

(Signed) T. W. S. SMYTH,
Executive Engineer,
*for* Suptg. Engineer, II Circle.

Order—dated 19th June 1894, No. 1505 W., Public Works.

In G.O., dated 17th July 1893, No. 926 M., Local and Municipal, estimates, amounting to Rs. 23,959, for the removal of the spoil banks along the portion of Ryves' canal at Bezwada were approved, and the Public Works Department was directed to arrange for the execution of the work from Provincial funds.

2. From paragraph 13 of the Acting Collector's letter printed with the Government order quoted above, it is clear that the Collector was under the impression that the amount in question provided for clearing the spoil banks which enclosed the site of the proposed new hospital, but he afterwards discovered that the estimates referred to the removal of the spoil banks some distance below this site. A fresh estimate, amounting to Rs. 31,500, has therefore been submitted by the Superintending Engineer for removing the spoil banks between the head of the Ellore and Ryves' canals so as to open out the site of the proposed new hospital. This estimate is in addition to that already approved amounting to Rs. 23,959.

3. His Excellency the Governor in Council has considerable doubt as to whether it is worth while to spend the large sum of Rs. 31,500 for the removal of what is said to be an obstacle to the free perflation of air in Arundelpett and to improve the sanitation and coolness of the new hospital which it is proposed to build at a cost of Rs. 60,000, half to be contributed by the Local Board and half by the Municipality. Before incurring so heavy an expenditure it seems desirable to ascertain with certainty whether the hospital, if it is to be built, cannot be constructed on top of the bank which it is proposed to remove. The Superintending Engineer will accordingly report whether the foundations in the position indicated would be suitable for such a building as the hospital. They would probably have to be deeper than necessary for a building to be constructed in natural soil; but as the spoil is old it may not be found unsuitable for the purpose. The relative cost of the two proposals should be compared. The Superintending Engineer will also state whether any, and if so how much, land would be available for building sites in addition to the hospital site if the spoil in question were removed and what value might be put upon such land.

4. It is, moreover, doubtful whether it would be wise to incur this heavy expenditure for the benefit of a hospital, the building of which has not yet been definitely sanctioned. It is proposed to spend Rs. 60,000 on the building, but the only provision, so far as the Government is aware, that has been made for this expenditure is that the Kistna Local Board has taken credit in its current year's budget for a contribution of Rs. 5,000 for this object from the Bezwada Municipality. Enquiry will be made in the Local and Municipal Department as to how and when funds for the building are to be provided. It should also be ascertained what provision is intended to be made for medical attendance, nurses, &c. A large hospital of this kind would require the sole attention of a fully qualified European Medical officer if it is to be worked with success and to confer benefits on the people proportionate to the heavy outlay involved in its construction. There must be satisfactory security for the future maintenance of the hospital before the Government can permit the expenditure of the large sum proposed.

5. Pending information on these points, sanction to the estimate submitted will be deferred.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
,, Local and Municipal Department.

Exd. C. A. Munisawmy.
Spare Copies

19th June 1894, No. 1505 W., Public Works.

GOVERNMENT OF MADRAS.

# PUBLIC WORKS DEPARTMENT.

## Buildings and Roads.
## Civil Works.

Read—the following papers:—

From J. W. MARTIN, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Bezwada, 15th November 1893, No. 1958 K.S.

With reference to your memorandum No. 3405 C., dated 23rd ultimo, in the matter of removing certain spoil banks at Bezwada, I have the honour to forward copy of letter No. 1423, dated 4th November 1893, from the Collector, from which you will observe, he considers, that at the present time it is more important to remove the bank between the heads of Ellore and Ryves' canals than to remove the banks lower down.

2. The cost of removing the banks will be Rs. 31,500 as per enclosed estimate. The rate for the work is high as the earth must be carted a mile and spread over the ground between the two canals known as Arundelpett, there being no other way of disposing of it. However, should the Railway or Local Fund Engineer be able to utilize the earth, any reduction of rate that can be made will be, of course, be made, but I think it is most unlikely that either the Railway or the Local Fund Engineer will want the earth except perhaps a small quantity.

Enclosure.

From J. N. ATKINSON, Esq., Collector of Kistna, to the Superintending Engineer, II Circle, dated 4th November 1893, No. 1423.

In reply to your letter No. 1827 K.S., dated 31st October 1893, I have the honour to say that the spoil bank, for removal of which I applied for Government sanction, is the solid triangle at the nose between the Ellore and Ryves' canals. By inadvertence I had not noticed that the estimate for Rs. 23,959 omitted this triangle and applied to the banks further on. At the present time it is of less importance that these banks further on should be removed. I observe that you estimate that Rs. 30,000 will be wanted to remove the solid triangle. Would it not be possible to cheapen the work by handing over some of the earth to the Railway Company for use in levelling their station yard, or otherwise the Local Fund District Engineer might be able to suggest some way of cheapening matters in connection with the work of building the hospital that is to be erected at the site? In any case, it would be well to level the bank as far as the funds available will permit.

From C. A. SMITH, Esq., Executive Engineer, Kistna Eastern Division, to the Superintending Engineer, II Circle, dated Bezwada, 22nd December 1893, No. 4759.

With reference to Chief Engineer's memorandum, dated 1st December 1893, No. 4103 C., bearing your endorsement No. 2175 K.S., dated 6th December 1893, I have the honour to forward herewith a survey plan showing the sites to which the two estimates of Rs. 23,959 and Rs. 31,500 relate.