

(1) Number of pages 44(2) Date of repair 1-4-43

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public works* **DEPARTMENT.**

G.O. No. 1271	Press
547-50	Mis.
Dated 29 4	1867.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
29th April 1867.*

Read the following papers :—

No. 547. From the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Camp, Calleyandroog, Dhurmaveram Talook, 10th April 1867, No. 84.

1. In reply to your Memorandum No. 61, of the 20th ultimo, I have the honour to inform you that I did not advertise for Surveyors and Draughtsmen for examination of useful, &c., project, as I saw no chance of getting them by that means, not having been able to complete the establishment of Overseers, and not having had

Rupces 60.

any application for the post of Draughtsman in my Office (the salary of which is higher than that entered in G. O.

No. 3,402, of 24th October 1866,) although I advertised for some time.

2. As however I understood that the examination of the Madras Irrigation and Canal Company's project for the Upper Toongabudra was nearly completed, I wrote to Mr. Gordon, the Executive Engineer of the Company, to ask if any of the Surveyors who had been under his employ were willing to come, and if he could recommend them: to this letter I have as yet received no reply.

3. I also wrote to the Officer Commanding the detachment of Sappers and Miners at Bellary, to ask if any of the European Sappers under his orders would be willing to come, and on what terms. In reply, Major Finlay states that Corporal Power is willing to come out if Government will allow him the Rupees 150 per mensem, extra to the Regimental and Family pay he is now drawing. If Government will permit me to employ Corporal Power on these terms, application will have to be made to allow him to be considered as "On Command."

4. As regards Draughtsmen, I do not think it possible to get any men to come to these districts on the terms mentioned by Government, as, besides the vacancy of Draughtsman in my Office, there is also a vacancy for Draughtsman in the Madanapally Range Office.

5. As regards the projects I have in view, I beg to say that besides the Bookacherla project, which is under investigation, I propose to have examined the following :—

1st.—The Ruddum project.

2nd.—The Hindoopoor project; unless Government is satisfied with the project as submitted by Captain Fischer. The latest information regarding this project that I have been able to find on my records is, that it was submitted to the

* No. 2,866 of 3rd June 1861.

Board of Revenue by the Chief Engineer on 22nd May 1861; on which Proceedings* were passed by the Board asking for

the opinion of the Collector; what became of it afterwards I cannot hear, or whether it was ever submitted to Government.

This project does not seem to be a favourite of Captain Fischer's, as, in a letter† to the Deputy Chief Engineer,

† No. 162 of 16th August 1859.

he states that the water supply is very difficult to determine, and that he is of

opinion that, in some years, it will be of no use whatever. Again, in paragraph 6

of his letter‡ to you, he says that he does not attach much value to it.

‡ No. 1,247 of 2nd August 1856.

*Proceedings of the Madras Government, Public Works Department,
29th April 1867.*

It might, however, I think, be found advantageous to excavate a channel at first, and defer the construction of an anicut until a future period.

3rd.—An investigation of the Huggry river from the Toongabudra river, near Bellahoonsy river up to the Mysore frontier. This is not the river passing through the Maury Caunvai, but is another of the same name in the Western Talooks of Bellary.

4th.—An investigation of the drainage from the neighbourhood of Pennaconda, falling into the Wunkapairoo river, near Potalcoonta, with a view to forming a tank there; and also for improving the Yerramunchy tank, which lies to the north of the road from Pennaconda to Bookapatam.

5th.—If the Madras Irrigation and Canal Company have given up their proposal for a large reservoir at Parnapully, on the Chitravutty river, to look for sites for tanks on the Madoolair river and on the surplus of the Durmaveram tank.

6th.—A survey, &c., for restoring the Cannaganpully breached tank in the Durmaveram talook.

7th.—For investigating the Suggleair river in the Budwail talook of the Cuddapah District, to see if its waters cannot be stored or diverted, instead of going waste into the Pennar river as at present.

6. With respect to the latter part of paragraph 1, I beg to say that I am unable to state when these plans and estimates will be prepared. The regular establishment attached to the districts in this division is incomplete, and a large proportion of the Overseers can neither survey nor level, so that the preparation of surveys have sometimes to be carried out by the Range Officers themselves.

7. Surveys, &c., for roads are being called for, and so it is impossible to say when the plans for the irrigation works can be prepared, unless I can get extra hands for them specially, as authorized in G. O. No. 3,402 of 24th October 1866.

8. As regards paragraph 2 of your Memorandum, I would beg to observe that the contract with the Madras Irrigation and Canal Company gives them the monopoly of the Toongabudra river above the Wallabapoor anicut, and any attempt on the part of Government to complete the ruined anicuts would be an infringement of the contract. Until, therefore, the Company give up their project, I think you will find that Government would be liable, if they attempted any works on the Toongabudra above Wallabapoor, to be taken into the Law Courts for breach of Contract.

No. 548. Official Memorandum from the Secretary to the Board of Revenue, to the Secretary to Government, Public Works Department, dated Madras, 16th April 1867, No. 425.

1. With reference to Memorandum dated 10th April 1867, No. 80, the undersigned has the honour to forward, to the Secretary to Government, Public Works Department, the papers noted in the margin on the project referred to.

From Chief Engineer, 22nd May 1861.
Board's Proceedings, 3rd June, No. 2,866.
From Collector of Bellary, 1st August 1861.
Board's Proceedings, 29th August, No. 4,694.

2. The original enclosures received with Colonel Horsley's letter, dated 22nd May 1861, No. 764, were returned to that Officer with Board's Proceedings of 29th August 1861, No. 4,694.

By order,
(Signed) R. A. DALYELL,
Secretary.

*Proceedings of the Madras Government, Public Works Department,
29th April 1867.*

Proceedings of the Board of Revenue, dated 3rd June 1861, No. 2,866.

From the Chief Engineer, Department Public Works, to the President and Members of the Board of Revenue, Chepauk, dated 22nd May 1861, No. 764.

1. Agreeably to paragraph 35 of Chapter V of the Public Works Code, I have the honour to forward, herewith, for the opinion of your Board, plans and estimates amounting to Rupees 80,000, for carrying out the Hindoopoor project in the Kodicondah talook of the Bellary District.

1 Letter from Collector, dated 3rd November 1859, No. 22, with letter from District Engineer, 28th October 1859, No. 285.
1 Do. to District Engineer, 3rd February 1860, No. 9,924.
1 Do. from do. 15th September 1860, No. 177, with Estimates and Report and Revenue Statement.
3 Plans.

2. The Pennair at this portion of its course, viz, in the extreme south of the Bellary District, not having been joined by any tributary of importance, is a comparatively insignificant river, having only 300 square yards of section in ordinary freshes, but it has a fall of ten feet per mile, and discharges 2½ millions of cubic yards per hour with an hydraulic mean depth of 2½ feet. For fifteen days in May and June, and a like period in August, there is a moderate quantity of water in the river, and during October and November it is constantly in fresh. It is because of the uncertainty of the supply that the District Engineer has provided a channel of such a section bottom width 60 feet as to be capable of conveying 2,50,000 cubic yards of water per hour during freshes.

3. This channel is to be taken off from the right bank of the river at the village of Toomcoonta opposite Santa Bednur, the District Engineer having gone some distance higher up than he originally intended, and will be led into the drainages which now form the feeders of the Busevanhully and Streecuntapoor tanks, the overflow of which pass into the Hindoopoor, Cotnoor, Colacoonta, and Ortacoor tanks. Other tanks may eventually be benefited, but this will depend entirely on the water supply, and are not therefore brought into the calculations, Captain Fischer having purposely limited the project to those reservoirs, of the certainty of filling which there can be no question.

4. That the project will be highly remunerative, in spite of the unfavourable situation of the tanks, there appears to be no doubt. The additional revenue likely to accrue was calculated by the Sub-Collector at Rupees 19,149—vide accompanying Revenue Statement, dated 21st September 1859. The District Engineer gives reasons for estimating it at a few hundred Rupees more, or Rupees 20,059, and he enters them in full in paragraph 11 of his letter No. 235, dated 23th October 1859.

5. I have caused to be inserted on the face of the plans certain alterations which I consider necessary, and I am of opinion in spite of what Captain Fischer has said on this subject, that the work would be incomplete without a set of surplus sluices or sand vents being built to keep the head of the channel clear. With reference to these and other minor corrections to be made, which are shown on the plan in pencil, I propose to return the project for revision and re-transmission in time for entry in the Budget of 1862 63, as soon as I am favoured with the opinion of your Board as to how far they consider the project worthy of attention, my own idea being decidedly in its favour.

ENCLOSURE No. 1.

ABSTRACT.—From the Collector of Bellary, to the Deputy Chief Engineer, dated 3rd November 1859. Forwards plan and estimate for carrying the Hindoopoor project.

ENCLOSURE No. 2.

ABSTRACT.—From the District Engineer, to the Deputy Chief Engineer, Northern Circle, dated 15th September 1860. Forwards a revised estimate amounting to Rupees 80,000 for executing the Hindoopoor project.

ENCLOSURES Nos. 3 to 5.—Maps.

*Proceedings of the Madras Government, Public Works Department,
29th April 1867.*

1. The Board resolve to request Mr. Hathaway to favour them with his opinion at length on the calculation of the returns that may be expected from the work. They request his special attention to the large amount, viz., Rupees 8,314 out of Rupees 19,149, that is expected to be derived from the levy of Fusljasti for a second crop on lands now producing but one crop, and to the circumstance that the latest freshes on which the District Engineer relies for his supply are expected in November. It requires to be carefully considered whether water stored at this season will suffice to produce as second crop at a much later period, and the Board wish to know whether the District Engineer is confident of the sufficiency of the supply for the two crops.

2. Mr. Hathaway will please to send up any letter or report on his records by Mr. Collett as Sub-Collector, on the project.

Proceedings of the Board of Revenue, dated 29th August 1861, No. 4,694.

Read the following letter from the Collector of Bellary, to the Secretary to the Board of Revenue, Chepauk, dated 1st August 1861, No. 144.

1. I have the honour, with reference to the Proceedings of the Board of Revenue, under date the 3rd ultimo, No. 2,836, in which I was called upon for an opinion on the calculation of the return likely to be derived from the execution of the Hindoopoor project, to report as follows.

2. The average cultivation for five years without the proposed anicut realized Rupees 11,200 (viz., Rupees 9,479 for first crop, and Rupees 1,721 for second crop); and I see no reason to doubt, that after its construction, the whole Ayacut at present fit for cultivation (Acres 3,898, assessed at Rupees 17,486) may be cultivated, as also that 699 Acres of "unirrigated" land can be converted into "irrigated" by the supply of water stored from the freshes in May and June, thereby yielding an additional sum of Rupees 2,828.

3. As the second crop cultivation is generally carried on in this District in December, I doubt not that if a sufficient supply of water be stored by the freshes expected in November, at least Rupees 8,314 will be leviable as Fusljasti.

4. In such case, the result will stand thus:—

	RS.	A.	P.
Average cultivation for five years' assessment on first crop	9,479	0	0
Do. Fusljasti on second crop	1,721	0	0
	11,200	0	0

Future assessment on first crop, inclusive of Rupees 2,828, RS.
from "unirrigated" land converted into "irrigated" ... 20,314
Add expected Fusljasti on do. ... 8,314

Total... 28,628
Deduct... 11,200

Expected increase of revenue 17,428

5. No report or letter of Mr. Collett is to be found in the records either of this office, or of that of the Sub-Collector.

6. The enclosures received with the above Proceedings are herewith returned.

In Cons. 23rd May 1861, No. 3,142.

1. Ordered to be communicated to the Chief Engineer with reference to his letter, dated 22nd May 1861, No. 764, on the Hindoopoor project.

2. The Collector's estimate of Rupees 17,428, additional annual revenue to be secured by the proposed expenditure of Rupees 80,000, is more moderate than either that of the Sub-Collector or District Engineer, and there seems no reason to consider it over-sanguine. As the District Engineer is stated to have limited his calculations of tracts to be benefited, to those regarding the certain irrigation of which he feels no doubt, the Board cannot but consider the project a very promising one, and they are decidedly in favour of its being prosecuted.

*Proceedings of the Madras Government, Public Works Department,
29th April 1867.*

No. 549. From the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Camp, Calleyandroog, Dhurmaveram Talook, 11th April 1867, No. 87.

In continuation of my letter 84, of the 10th instant, I beg to name the under-mentioned works which should also be investigated:—

1st.—An investigation for connecting, by a channel, the tanks of Kundakoor, Pedda Tippiasamoodrum, and Rungasamoodrum, in the Madanapally talook of the Cuddapah District.

This project Lieutenant Pennefather states will, in his opinion, be of great benefit to that part of the country, although the return he calculates will only be about 8 per cent.

2nd.—Investigations should also, I think, be made of the Paupugny river, the Bankoo Nuddy, and the Punchee Nuddy in the Cuddapah District, to see if their waters cannot be stored or in some way utilized.

No. 550. ORDER THEREON, 29th April 1867, No. 1271.

IRRIGATION, No. 32.

1. The Government are glad to observe by these reports that the attention of the Superintending Engineer is being given to the subject of improving and extending irrigation in Bellary, and they are gratified to learn that several schemes promise to be useful and remunerative.

2. The Superintending Engineer will place himself in communication with the Officer Commanding the Detachment of Sappers and Miners at Bellary with a view of securing the services of Corporal Power on the terms mentioned.

3. The Government observe from the original papers forwarded by the Board with the Memorandum above read, that both the Board and the Collector of Bellary were of opinion that the Hindoopoor project offered every promise of being highly remunerative. The examinations now proposed to be made of this project will doubtless furnish data for determining whether the apprehensions alleged to have been entertained by Captain Fischer were well grounded, and whether it would be advisable for the present to restrict the scheme within the limits indicated by Major Moberly.

4. Active measures should be adopted for obtaining, as early as possible, the services of qualified Surveyors for conducting the requisite investigations, and the Government will be prepared to render all assistance which the Superintending Engineer may require to admit of the vigorous prosecution of those investigations.

(True Extract.)

Colonel, R. E.,

Secretary to Government.

To the Superintending Engineer, 3rd Division.

„ Board of Revenue.

„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

Superintendent Engineer's Office 3rd Division
Camp Calleyanding, Minnaream
Colony, Ballary District 10th April 1867.

From

The Superintending Engineer

3rd Division

The Secretary to Government

Public Works Department

Sir,

In reply to your Memorandum No. 61 of the 20th ultimo, I have the honor to inform you that I did not advertise for Surveyors and Draftsmen for examination of useful &c. Project as I saw no chance of getting them by that means, not having been able to complete the establishment of Surveyors and not having had any application for the post of Draftsman in my Office (the salary of which is higher than that entered in G. O. No. 8402 of 24th October 1866), although I advertised for some time.

No however I understood that the examination of the Madras Irrigation and Canal Company's Project for the Upper Coongahudra was nearly completed. I wrote to Mr. Gordon, the Executive Engineer of the Company, to ask if any of the Surveyors who had been under his employ were willing to come and if he could recommend them: to this letter I have as yet received no reply.

R. 60

I also wrote to the Officer Commanding the Detachment of Sappers and Miners at Bellary to ask if any of the European Sappers under his Orders would be willing to come and on what terms. In reply Major Finlay states that Corporal Power is willing to come out if Government will allow him the Pay of 150 per annum, besides the Regimental and Family Pay he is now drawing. If Government will permit me to employ Corporal Power on these terms application will have to be made to allow him to be considered as "On Command".

As regards Draftsmen I do not think it possible to get any more to come to these Districts on the terms mentioned by Government, as besides the Vacancy of Draftsman in my Office, there is also a Vacancy for Draftsman in the Madanapally Range Office.

As regards the projects I have in view I beg to say that besides the Kookacherla project which is under investigation I propose to have examined the following:

- 1st The Rudrum project.
- 2nd The Bindasoor project, unless Government is satisfied with the project as submitted by Captain Fischer. The latest information regarding this project that I have been able to find on my records

* No. 2866 of 3rd June 1861.

* No. 162 of 16th Augst 1859

* No. 1247 of 2nd Augst 1866.

9 2
records is that it was submitted to the Board of Revenue by the Chief Engineer on 22nd May 1861; on which Proceedings were passed by the Board asking for the opinion of the Collector - what became of it afterwards I cannot hear or whether it was ever submitted to Government.

This project does not seem to be a favourite of Captain Fischer's, as, in a letter to the Deputy Chief Engineer, he states that the water supply is very difficult to determine and that he is of opinion that, in some years, it will be of no use whatever. Again, in para 6 of his letter to you, he says that he does not attach much value to it.

It might however, I think, be found advantageous to excavate a channel at first and defer the construction of an Ament until a future period.

3rd An investigation of the Kugry River from the Tongahudra River near Bellahoney River up to the Mysore frontier. This is not the River passing through the Maury Cauwai; but is another of the same name in the Western Taluqs of Bellary.

4th An investigation of the drainage from the neighbourhood of Pundaonda falling into the Wunkapairoo River near Palcoor, with a view to forming a Tank there; and also

also for improving the Yerramanchi Tank which
lies to the North of the road from Pennacouda
to Kothapetam:-

5th If the Madras Irrigation and Canal
Company have given up their proposal for a
large Reservoir at Parnapully on the Putturthy
River, to look for sites for Tanks on the Madonair
River and on the surplus of the Durnavaram
Tank:-

6th A survey is for restoring the formerly
breached Tank in the Durnavaram Taluq:-

7th For investigating the Suggair River
in the Budwai Taluq of the Fuddapoh District
to see if its water cannot be stored or diverted,
instead of going waste into the Pennar River
as at present:-

With respect to the latter part of
para 1 I beg to say that I am unable to state
when these Plans and Estimates will be
prepared. The regular establishment
attached to the District in this Division is
incomplete and a large proportion of the work
can neither survey or Level; so that the prepa-
ration of surveys have ^{sometimes} ~~sometimes~~ to be carried
out by the Range Officers themselves:-

Surveys &c for Roads are being called for
and

and so it is impossible to say when the Plans
for the Irrigation works can be prepared, unless
I can get extra hands for them specially,
as authorized in G. O. No. 3402 of 24th October 66.

As regards Para 2 of your Memorandum
I would beg to observe that the Contract with
the Madras Irrigation and Canal Company
gives them the monopoly of the Sengulachra
River above the Wallabapoor Aicut and
any attempt on the part of Government to
complete the proposed Aicut would be an
infringement of the Contract. Until therefore
the Company give up their project I think you
will find that Government would be liable,
if they attempted any works on the Sengulachra
above Wallabapoor, to be taken into the
Courts for breach of Contract.

I have the honor &c

A. W. B. Major M. E.
Superint^d Engineer S. D.

2 1861 June 16/7

1861 May 16/7

2 1861 May 16/7

Inform that the
work is not yet
and is not yet
of the first
of the first
of the first

No. 84.

Received 10th April 1861

The Secretary to Government
P. W. R.

The Superintendent Engineer
B. W. R.

1861 May 16/7
1861 May 16/7
1861 May 16/7

No. 4,694.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 29th August 1861.

Read the following letter from A. HATHAWAY, Esq., Collector of Bellary, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, Chepauk, dated 1st August 1861, No. 144:—

1. I have the honor, with reference to the Proceedings of the Board of Revenue under date the 3rd ultimo, No. 2,863, in which I was called upon for an opinion on the calculation of the return likely to be derived from the execution of the Hindupoor project, to report as follows.
2. The average cultivation for five years without the proposed anicut realized Rupees 11,200 (viz., Rupees 9,479 for first crop, and Rupees 1,721 for second crop); and I see no reason to doubt, that after its construction, the whole Ayacut at present fit for cultivation (Acres 3,898, assessed at Rupees 17,486) may be cultivated, as also that 699 Acres of "unirrigated" land can be converted into "irrigated" by the supply of water stored from the freshes in May and June, thereby yielding an additional sum of Rupees 2,823.
3. As the second crop cultivation is generally carried on in this District in December, I doubt not that if a sufficient supply of water be stored by the freshes expected in November, at least Rupees 8,314 will be leviable as Fasil Jasti.

	RS.	A.	P.
Average cultivation for five years' assessment on first crop.....	9,479	0	0
Do. Fasil Jasti on second crop.....	1,721	0	0
	11,200	0	0

Future assessment on first crop inclusive of Rupees 2,823, Rs.	
from "unirrigated" land converted into "irrigated"...	20,314
Add expected Fasil Jasti on do.....	8,314
Total...	28,628
Deduct ..	11,200
Expected increase of revenue.....	17,428

5. No report or letter of Mr. Collett is to be found in the records either of this office, or of that of the Sub-Collector.
6. The enclosures received with the above Proceedings are herewith returned.

1. Ordered to be communicated to the Chief Engineer with reference to his letter, dated 22nd May 1861, No. 764, on the Hindupoor project.

2. The Collector's Estimate of Rupees 17,423 additional annual revenue to be secured by the proposed expenditure of Rupees 80,000 is more moderate than either that of the Sub-Collector or District Engineer, and there seems no reason to consider it over sanguine. As the District Engineer is stated to have limited his calculations of tracts to be benefited, to those regarding the certain irrigation of which he feels no doubt, the Board cannot but consider the project a very promising one, and they are decidedly in favor of its being prosecuted.

(A true Copy and Extract.)

(Signed) W. HUDLESTON,
Secretary.

To Lieutenant Colonel W. R. B. B. B., Chief Engineer, D. P. W.,
with Enclosure and 3 Plans.

Copy to A. Hathaway, Esq., Collector of Bellary.

Exd. J. Wright.

2 1862 June 167

Communicating letter from Collector of Bellary giving his opinion on the Hindupoor project and recording the Board's views on the subject.

No. 4,694.

Dated 29th August 1861.

PROCEEDINGS of the BOARD of REVENUE,

No.

1861. Department

No. 4,694/1861

don't print

Bellary, Collectors Office,
1st August 1861.

No 144.

From,

A. Hathaway Esqre,

Collector of Bellary,

To,

W. Hueston Esqre,

Secretary to the Board of Revenue,

Madr.

Sir,

1. I have the honor, with reference to the Proceedings of the Board of Revenue, under date the 3rd ^{June} ~~Ultimo~~, No 2866, in which I was called upon for an opinion on the calculation of the return likely to be derived from the execution of the Hindupur project, to report as follows.

MS

2. The average cultivation for 5 years without the proposed amiah realized Rupees 11,200 (viz Rs. 9,479 for 1st crop, and Rupees 1721 for 2nd crop); and I see no reason to doubt, that after its construction, the whole ayamh as present fit for cultivation (acres 3898, assessed at Rupees 17,486) may be cultivated, as also that 699 acres of "irrigated" land can be converted into irrigated by the supply of water stored from the freckes in May & June; thus yielding an additional sum of Rupees 2828.

3. As the 2^d crop cultivation is generally carried on in this District in December, I don't not that if a sufficient supply of water be stored by the fresher expected in November, at least Rupees 8314 will be leviable as Fasil Jasti.

4. In such case, the result will stand thus:

Average cultivation for five years, assessment Rupees	ass.
on 1 st Crop	9,479
do - Fasil Jasti on 2 ^d Crop	1,721
Future assessment on 1 st Crop	Rupees - 11,200
inclusive of Rupees 2828 from unirrigated land converted into "irrigated"	20,314
And expected Fasil Jasti on 2 ^d	8,314
Total	28,628
deduct	11,200
Expected increase of Revenue	17,428.

5. No report or letter of Mr. Collett is here found in the records either of this office, or of that of the Sub Collector.

6. The enclosures received with the above Proceedings are herewith returned.

I have the honor Recd
Sir,
Yours most Obedt Servant

A. Mathan
Collector

Dec 23/96.

19

Handwritten note: 19th Aug 1861

In Cons. 6th August 1861, No. 4,963.

From A. HATHAWAY, Esq., Collector of BELLARY,
dated 1st August 1861, No. 144.

ABSTRACT.—Forwards information called for in the Proceedings of the Board of Revenue,
dated 3rd ultimo, No. 2,866, regarding the proposed project in the Hindupoor taluq. (Vide Board's
Proceedings, dated 29th August 1861, No. 4,694.)

Exd. J. Tulloch.

Handwritten notes:
To the Collector of Bellary
Hindupoor, 1st Aug 1861
No. 144
Received by the Collector of Bellary
1st Aug 1861
No. 144
The Board of Revenue
dated 3rd ultimo, No. 2,866
regarding the proposed project in the Hindupoor taluq.
No. 4,694

Handwritten notes:
The Board of Revenue
dated 29th August 1861, No. 4,694
regarding the proposed project in the Hindupoor taluq.
No. 4,694
The Board of Revenue
dated 3rd ultimo, No. 2,866
regarding the proposed project in the Hindupoor taluq.
No. 4,694

Central Office
Chepauk

From No 404 22nd May 1865
Lieutenant Colonel W. H. Horsley

Chief Engineer
To the President and Members
of the Board of Revenue
Gentlemen,

Agreeably to Para 35
No. of Chapter V of the Public Works
Code, I have the honor to forward
herewith for the opinion of
your Board Plans and Estimates
amounting to Rupees 80,000 for
carrying out the Hindapoor
project in the Kodiconda
Taluk of the Bellary District.
2. The Tennair at this
portion of its course, is in the
extreme South of the Bellary District,
not having been joined by
any

Survey of the River

12/10/65

any tributary of importance
is a comparatively insignificant
river, having only 300 square yards
of section in ordinary freshes,
but it has a fall of 10 feet
per mile and discharges 2½
millions of Cubic yards per
hour with an hydraulic mean
depth of 2½ feet. For 15 days
in May and June and a like
period in August there is a
moderate quantity of water
in the River, and during October
and November it is constantly
in fresh. It is because of the
uncertainty of the supply that
the District Engineer has provided
a Channel of such a section &
bottom width 60 feet as to be
capable of conveying 250,000
Cubic yards of water per
hour during freshes.

This

3. This Channel is to be
taken off from the right bank
of the River at the village
of Toimcoonta opposite Santa
Bednur, the District Engineer
having gone some distance
higher up than he originally
intended, and will be led
into the drainages which now
form the feeders of the Enor-
vanhully and Streecuntapoor
Tanks, the over flow of which
passe into the Hindupur,
Cotnoor, Colacoonta and
Ortacoor Tanks. Other tanks
may eventually be benefitted,
but this will depend entirely
on the water supply, and are
not therefore brought into
the calculations, Captain
Froher having purposely
limited the project to those

reservoirs

reservoir, of the certainty of
filling which there can be
no question.

4. That the project will
be highly remunerative, in
spite of the unfavorable situa-
tion of the tanks, there appears
to be no doubt. The addition-
al revenue likely to accrue
was calculated by the Sub
Collector at Rupees 19,149, vide
accompanying Revenue
Statement dated 21st September
1859. The District Engineer
gives reasons for estima-
ting it at a few hundred
Rupees more, or Rupees 20,059,
and he enters them in full
in Para 11 of his letter No
285 dated 28 October 1859.

5. Have caused to be
inserted on the face of the
Plans

Plans certain alterations²⁵
which I consider necessary,
and I am of opinion in spite
of what Captain Fisher
has said on this subject
that the work would be
incomplete without a set
of surplus sluices or sand
vents being built to keep
the head of the Channel clear.
With reference to these and
other minor corrections to
be made which are shown
on the Plan in pencil, I
propose to return the project
for revision and retransmission
in time for entry in the
Budget of 1862/3, as soon
as I am favored with
the opinion of your Board
as to how far they consider
the

the project worthy of atten-
tion, my own idea being
decidedly in its favor.

Have the honor to be

Gentlemen

Your Most Obedient Servant

Wm. Forsyth

Chief Engineer

To the President and Members
of the Board of Revenue.

I have the honor to acknowledge the receipt of your letter of the 29th inst. in relation to the proposed project of a canal from the Hudson River to the city of New York, and in reply to inform you that the same has been forwarded to the Board of Revenue for their consideration.

Wm. Forsyth

PROCEEDINGS OF THE BOARD OF REVENUE, dated 3rd June 1861.

Read the following letter from Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, D. P. W., to the President and Members of the Board of Revenue, Chepauk, dated 22nd May 1861, No. 764:—

1. Agreeably to paragraph 35 of Chapter V of the Public Works Code, I have the honor to forward herewith for the opinion of your Board plans and Estimates amounting to Rupees 80,000, for carrying out the Kinlapoor project in the Kolicondah Taluq of the Bellary District.

2. The Pennair at this portion of its course, viz., in the extreme south of the Bellary District, not having been joined by any tributary of importance, is a comparatively insignificant river, having only 300 square yards of section in ordinary freshes, but it has a fall of ten feet per mile, and discharges 2½ millions of cubic yards per hour with an hydraulic mean depth of 2½ feet. For 15 days in May and June, and a like period in August, there is a moderate quantity of water in the river, and during October and November it is constantly in fresh. It is because of the uncertainty of the supply that the District Engineer has provided a channel of such a section bottom width 60 feet as to be capable of conveying 2,50,000 cubic yards of water per hour during freshes.

3. This channel is to be taken off from the right bank of the river at the village of Toomcoonta opposite Santa Bednur, the District Engineer having gone some distance higher up than he originally intended, and will be led into the drainages which now form the feeders of the Busevanhully and Sreeantapoor tanks, the overflow of which pass into the Kindupur, Cotnoor, Colacoonta and Ortacoor tanks. Other tanks may eventually be benefitted, but this will depend entirely on the water supply, and are not therefore brought into the calculations, Captain Fisher having purposely limited the project to those reservoirs, of the certainty of filling which there can be no question.

4. That the project will be highly remunerative, in spite of the unfavorable situation of the tanks, there appears to be no doubt. The additional revenue likely to accrue was calculated by the Sub-Collector at Rupees 19,149—vide accompanying Revenue Statement, dated 21st September 1859. The District Engineer gives reasons for estimating it at a few hundred Rupees more, or Rupees 20,059, and he enters them in full in paragraph 11 of his letter No. 285, dated 28th October 1859.

5. I have caused to be inserted on the face of the plans certain alterations which I consider necessary, and I am of opinion in spite of what Captain Fisher has said on this subject, that the work would be incomplete without a set of surplus sluices or sand vents being built to keep the head of the channel clear. With reference to these and other minor corrections to be made, which are shewn on the plan in pencil, I propose to return the project for revision and re-transmission in time for entry in the Budget of 1862-3, as soon as I am favored with the opinion of your Board as to how far they consider the project worthy of attention, my own idea being decidedly in its favor.

ENCLOSURE No. 1.

ABSTRACT.—From the Collector of Bellary to the Deputy Chief Engineer, dated 3rd November 1859. Forwards Plan and Estimate for carrying the Hindoopoor project.

ENCLOSURE No. 2.

ABSTRACT.—From the District Engineer to the Deputy Chief Engineer, Northern Circle, dated 15th September 1860. Forwards a revised Estimate amounting to Rupees 80,000 for executing the Hindoopoor project.

ENCLOSURES Nos. 3 to 5.—Maps.

Handwritten notes and signatures on the left side of the page, including dates like '15th April 1861' and various official stamps.

1. The Board resolve to request Mr. Hathaway to favor them with his opinion at length on the calculation of the returns that may be expected from the work. They request his special attention to the large amount, viz., Rupees 8,314 out of Rupees 19,149 that is expected to be derived from the levy of Fusljasti for a second crop on lands now producing but one crop, and to the circumstance that the latest freshes on which the District Engineer relies for his supply are expected in November. It requires to be carefully considered whether water stored at this season will suffice to produce a second crop at a much later period, and the Board wish to know whether the District Engineer is confident of the sufficiency of the supply for the two crops.

2. Mr. Hathaway will please to send up any letter or report on his records by Mr. Collett as Sub-Collector, on the project.

(A true Copy and Extract.)

(Signed) W. HUDLESTON,

Secretary.

To A. Hathaway, Esq., Collector of Bellary, with original Enclosure.

Copy to Lieutenant-Colonel W. H. Horsley, Chief Engineer, D. P. W.

Exd. J. Wright.

Forwarding a letter from the Chief Engineer D. P. W. and requesting to be favored with opinion on the calculation of the Return that may be expected from carrying out the Kindapoor project.

No. 2,866.

Dated 3rd June 1861.

PROCEEDINGS of the BOARD of REVENUE,

No.

1861 Department

In Cons. 23RD MAY 1861, No. 3,142.
From LIEUT.-COLONEL W. H. HORSLEY, Chief Engineer, D. P. W.,
dated 22nd May 1861, No. 764.

ABSTRACT.—Forwards for opinion plans and estimates, amounting to Rupees £0,000 for carrying out the Kindapoor project in the Kodicondah taluq of the Bellary district. (Vide Board's Proceedings, dated 3rd June 1861, No. 2,866.)

Exd. J. Tulloch.

No. 87.

Superint^g Eng^g Office 3^d Division
Bellary District 23
Dinnasaram Taluq
Camp Calley androog
11th April 1867.

From

The Superintending Engineer
3^d Division

To

The Secretary to Government
Public Works Department

Sir,

In continuation of my letter 84 of the
10th Instant I beg to name the undermentioned
works which should also be investigated.

1st An investigation for connecting
by a channel the Tanks of Runda Koor, Pedda
Tippasamoodrum and Ringasamoodrum in the
Madanapally Taluq of the Cuddapah District.

This project Lieutenant Pennycuik
states will, in his opinion, be of great benefit
to that part of the Country, although the return
he calculates will only be about 8 per cent.

2nd Investigations should also I think
be made of the Tausugumy River, the Baidon Nuddy
and the Pancher Nuddy in the Cuddapah
District to see if their waters cannot be
stored

2. 18th April 1867

stored or in some way altered.

6549

Shave the hour

W. Webb Esq. Major R.E.
Superintendent Engineer

No. 1371-29 April 1867

Some persons who wish
should also be informed
in the fact of all which
in continuation of letter to
84 of the 10. inst.

Order of 11th April 1867
and 17th do.

The Secretary to Government
P. O. N. R.

The Superintendent Engineer
from 11th April 1867

N^o 425

35

Official Memorandum

With reference to Memorandum dated
10th April 1867 N^o 80, the undersigned has the
honor to forward to the Secretary to Government,
Public Works Department, the papers noted in
the margin on the project referred

From Chief Engineer 22^d May 1861
Board's Proc: 3^d June N^o 2866
From Collector of Bellary 1st Aug 1861
Board's Proc: 29th August N^o 4694

to -
2. The Original Enclatures
received with Collector Horsley's
letter dated 22^d May 1861 N^o 764 were returned to
their Office with Board's Proceedings of 27th August
1861 N^o 4694.

Revenue Board Office,
Madras,
16th April 1867 -

(By Order)

M. S. S. S.
Secretary

To,

The Secretary to Government
Public Works Department

with papers noted in the margin

Copy
C. P. R. S. S. S.

Brighton 9

Public Works Department. 39

1271

No 1271

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 29th April 1867
Read the following

From the Supy. Engineer of
the 3^d Divⁿ (Here enter No. 84 dated 10th April 1867.)

Secretary to the Board of
Revenue — (H.R. No 425 of 16th April 1867.)

Supy. Engineer of the
3^d Division (H.R. No 87 of 11th April 1867)

The Government
are glad to observe by these
reports that the attention of
the Supy. Engineer is being
given to the subject of im-
proving and extending irri-
gation in Bellary, and they
are gratified to learn that
several schemes promise to
be useful and remunerative.

The Supy. Engineer
will place himself in com-
munication with the Officer
Commanding the Detachment
of Sappers and Miners at Bellary
with a view of securing the
services

1867
131
1426
1426

From
The Secretary to the
Board of Revenue
The Secretary to Government
Public Works Dept.

228
1425
1425

Forwarding certain
= here received from Capt. *Wicks*
= & Collector of Bellary regarding
= construction of an Aqueduct near
= St. Barbara & cutting of a channel
= well from Bellary to *Ardu*
= cross tank.

No 1271-29 April 1867

1867

No 548

Services of Corporal Power.
on the terms mentioned.

The Government observe from the original papers forwarded by the Board with the Memo: above read, that in both the Board and the Collector of Bellary were of opinion that the Hindoo-poor project offered every promise of being highly remunerative. The examinations now proposed to be made of this project will doubtless furnish data for determining whether the apprehensions alleged to have been entertained by Captain Fischer were well founded, and whether it would be advisable for the present to restrict the scheme within the limits indicated

by

by Major Gobleby.

Active measures should be adopted for obtaining, as early as possible, the services of qualified surveyors for conducting the requisite investigations, and the Government will be prepared to render all assistance which the Super. Engineer may require to admit of the vigorous prosecution of those investigations.

to the Super. Engr. 3^d Division.
Board of Revenue.
Controller.
Engr. Dept.

Recd 23/4/67

W.B.

514
Pub. Works 1867 (Depart^{ts})

Pro. of Govt. for April

No 1271

Pro. of the Madras Govt.
D^d 29th April 1867

Passing orders on
certain papers relative to
measures adopted for the
investigation and preparation
of Irrigation Projects in the
3rd Division.