1) number of pages :- 68

2) Date of Repairs :-

3) Initial of Restorer :-

14/4

P. W. Deptt

Go no :- 2810 W

Dated :- 20.10.1887

20th October 1887, No. 2810 W., Public Works.

2810/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—again the following paper :—

From the Government of India, No. 1182 M.W., dated 14th June 1887, recorded in G.O., No. 1924 W., dated 18th July 1887.

Abstract.—Requesting that further investigation may be made into the subject of providing the troops at Bangalore with an improved water-supply.

Read also—

Letter from the Government Solicitor, dated 27th September 1887.

Order—dated 20th October 1887, No. 2810 W., Public Works.

His Excellency the Governor in Council resolves to publish the following notification in the *Fort St. George Gazette* and to advertise it in the leading newspapers :—

NOTIFICATION.

"The investigations which have been made of late years with the object of procuring a pure water-supply for the troops stationed at Bangalore having failed in so far that no scheme for an absolutely pure water-supply has been brought forward that will not involve an expenditure per head far in excess of that which is in other large towns considered reasonable, the Government resolve to offer a reward of Rs. 1,000 for the best essay which shall bring forward a workable and economical scheme for the supply of pure drinking water for the troops in Bangalore. Such scheme must be original and not simply a modification of any of the undermentioned proposals hitherto laid before the Government, though any one or more of the suggestions contained in such proposals may be applied if necessary to such scheme. A further sum of Rs. 1,000 will be given if such essay is adopted as the foundation of any scheme which the Government may resolve to carry out for the above purpose. It will rest with the Chief Engineer to decide whether any essay fulfils the required conditions and his decision will be final.

"The following are brief descriptions of the schemes which have already been before the Government :—

I. General Sankey's Scheme.

(1) The construction of a reservoir on the third mile of the Bellary or Tumkur road at a level giving what was deemed to be a sufficient command of the whole station to secure water distribution by gravitation.

(2) The supply of this reservoir by the formation of channels to intercept the drainage of approximately the whole area of ground available on a level higher than that of the tank itself.

(3) The distribution of the water to the several parts of the station by means of conduits, pipes, &c.

This scheme was designed to effect a radical improvement of the water-supply of the whole military and civil population of Bangalore, excepting the Pettah, which had a fairly good supply.

II. GENERAL MULLINS' SCHEME.

(Elaborated by Captain Romilly.)

The source of supply to be the Agaram tank. The water from it to be collected in settling beds and conducted thence by earthen pipes to a well in a pumping station situated below the tank weir at its north-west extremity. From this well the water to be pumped on to filter beds, whence it would gravitate into a clear water basin. From this basin the water to be pumped up over a stand-pipe through cast-iron mains up to the existing cisterns at the various barracks, whence it would be drawn as required by the present distributing pipes and stand-cocks.

ALTERNATIVE PROJECTS BY CAPTAIN ROMILLY.

III. Project B.

The source of supply to be the Halsur tank and Dhobies' wells as at present. Condensing apparatus and cisterns for evaporating a supply of pure drinking water to be located at the rock, the condensers drawing their supply from the tank. New mains to be laid from the drinking water cisterns at the rock to the barracks, communicating with stand-cocks, whence drinking water only would be drawn. Arrangements to be made for direct pumping to the barracks from the Dhobies' wells station.

IV. Project C.

The source of supply to be the Halsur tank and the Dhobies' wells as at present,—to be improved by the complete diversion from the tank of the western feeder which brings the drainage of the cantonment bazaar into the tank. The construction of a new feeder to bring in the drainage from about 2½ square miles new catchment to the east of the tank. An increase to the capacity of the tank by raising the present water level. The provision of new engines, the construction of additional wells, &c.

V COLONEL VIBART'S SCHEME.

The source of supply to be the Arkavutty river. The water to be stored at a point some 15 miles from Bangalore, not far from Savandroog, and, if necessary, to be pumped up to Bangalore.

VI. SUGGESTION BY THE GOVERNMENT OF INDIA.

Flooring with concrete a space on high ground commanding the station, of such an extent that the ordinary rainfall thereon would give a sufficient supply of drinking water for the troops. The discharge to be collected in reservoirs and thence distributed by pipes.

"Complete papers on the subject of the schemes above described, and information regarding the number of troops and quantity of water to be supplied, with other particulars, can be obtained on application at the office of the Chief Engineer, Public Works Department, Madras.

"The essays should be submitted to the Chief Engineer, Public Works Department, on or before 31st March 1888."

2. A sum of Rs. 2,000 will be reserved in the Military Works budget of 1888-89 to meet payment of the honoraria above mentioned.

(True Extract.)

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

To the Superintending Engineer, V Circle.
„ Examiner, Public Works Accounts.
„ Military Department.
„ Public „
„ Editor's Table.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1887) Madras.

PUBLIC WORKS.

Dated October, 20th.

Recd. *Encl.*

G.O., 20th Oct. 1887, No. 2810 W.

OCTOBER.

Bangalore Water-supply

Ordering the publication of a notification regarding the resolution of Government to offer a reward for the best essay which shall bring forward a workable and economical scheme for the supply of pure drinking-water for the troops in Bangalore.

LO No. 37 2810/3

Bangalore Water Supply

Draft order and Notification and D/o from Mr. Barclay sent with instructions regarding printing to S.A.W. — File retained at Ooty pending submission of proofs to W. —— 30/9/87

2410/6

It has occurred to me that it would be a good thing if we were to offer a reward of £100 for the best essay dealing with the vexed subject of the Bangalore water-supply

It is usual in England in such cases to advertise rewards; and should it prove unsuccessful here, the loss can be but ~~a~~ 100 £. At the same time I should be inclined to provide that should a prize be awarded for any essay and should that essay prove the foundation of any scheme which Government might

2810/B

might adopt, the reward might be increased to £200.

It would be necessary of course to exclude from the consideration of the essayists all schemes that have been already investigated under the orders of Government or all schemes founded upon such, in fact, any which in the opinion of Government were not, reasonably, and from ~~the~~ an Engineering point of view, original.

Connemara

P. W. DEPARTMENT.

Read the following:—

Note by H.E. the Governor on Bangalore Water Supply

FOR ORDERS.

In offering this reward the schemes already investigated and those proposed by the Govt of India shd in my opinion be fully stated, to prevent experts wasting time in considering them. I think it would be better not to hold out any promise of a further reward in the event of the scheme of an expert being adopted –

C.C.M.

24.8.17

I agree with H.E. the Com C and I also assume that the offer of a reward would be so worded as to make its bestowal contingent on the suggestions put forward being of a practical kind

E.W.M.
24/8

If it is necessary to give any opinion at all at once I am inclined to

The supply of water to troops at Bangalore is a Military work, and any charges in connection with it would have to be met from Imperial funds with the sanction of the Govt of India –

The Madras Govt could however provide funds for the purpose from Provincial, if they thought it desirable

Jots asked.

Colonel Rt
Secy to Govt of Mad

deprecate the offer of a reward
or prize in this particular
case. The conceded fact that
we must exclude more than
one scheme which has been prepared
& worked out by our most experienced
Engineers opens considerable diffi-
culties. ~~Any~~ No mere modification
of Col. Mullins' scheme could
hope to succeed. But are we also
to exclude every proposal based
on (1) the idea of a large waterproof
reservoir, — the Gibraltar idea;
(2) that of pumping from the river
near Savandroog, not yet elaborated;
(3) that of pumping from the Kavari.
(2) I think sh^d be excluded & possibly (1).
(3) may be made a present of to intending
competitors! But until these
points are settled & ~~the~~ a clear &
definite Not^n prepared I prefer
to give no opinion. If the suggestion
is to be allowed time to bear fruit
it must cause considerable
delay.

On the minor point I agree with
H.E. the Gov^r. If a reward of 100 £
is offered I sh^d certainly be inclined
to double it if the scheme is of such
merit as to form the basis of that
finally adopted

FOR ORDERS.

~~His Exc^y the Commander in Chief~~
~~The Hon. C. G. Master~~
~~The Hon. P. P. Hutchins~~

3126/7

23 · viii · 87

My dear Stokes

I was to ask
you to kindly circulate
the enclosed memo. by
His Excellency

Yours sincerely

Transferred to the
Secy to Govt P.W.D.
W. Stokes

GOVERNMENT OF MADRAS.

Public Works Department,
Ootacamund,
25th Augt 1887.

28/9

28/9

My dear Rees.

Kindly shew H.E. the remarks made on his note. Then, if H.E. approves bring the papers to Council to-morrow.

Yours Sincerely

J. Hasted.

Government House

28th/10

My dear Colonel

His Excellency thinks there is no need to bring these papers today through you but wishes you would very kindly draw up a draft Notif^{n}. on his note & the remarks made by Hon^{ble}.. Members.

His Excellency would

which may form the basis of that finally adopted.

Yours sincerely

26/8/87

P. W. DEPARTMENT.

READ the following :— 280/12

Note by H.E. the Governor on Bangalore Water Supply —

Circulated FOR ORDERS.

[illegible] Colonel R.E.
Secy to Govt PWD

The supply of water to troops in Bangalore is a Military work and any charges in connection with it would have to be met from Imperial funds with the sanction of the Govt. of India. The Madras Govt. could of course however provide funds from Provincial for the purpose, if they thought it desirable.

The

FOR ORDERS.

Notification.

2810/13

"The investigations which have been made of late years with the object of procuring a pure water supply for the troops stationed at Bangalore having failed in so far that no scheme for an absolutely pure water supply has been brought forward that will not involve an expenditure per head far in excess of that which is in other large towns considered reasonable, the Government resolve to offer a reward of Rs 1000/- for the best essay which shall bring forward a workable and economical scheme for the supply of pure drinking water for the troops in Bangalore. Such scheme must be original, and not simply a modification of any of the undermentioned proposals hitherto laid before the Government, though any one or more of the suggestions contained in such proposals may be applied, if necessary to such scheme. A further sum of Rs 1000/- will be given if the scheme suggested in such essay is adopted as the foundation of any scheme which may by the Government be resolve

The

resolve to carry out, for the above purpose. It will rest with the Chief Engineer to decide whether any essay fulfils the required conditions and his decision will be final.

"The following are brief descriptions of the schemes which have already been before the Government:—

I General Sankey's Scheme

(1) The construction of a reservoir on the third mile of the Bellary or Tumkur road, at a level giving what was deemed to be a sufficient command of the whole station to secure water distribution by gravitation.

(2) The supply of this reservoir by the formation of channels to intercept the drainage of approximately the whole area of ground available on a level higher than that of the tank itself.

(3) The distribution of the water to the several parts of the station by means of conduits, pipes &c.

This scheme was designed to effect a radical improvement of the water supply of the whole military and civil population of Bangalore, excepting the Pettah, which had a fairly good supply.

2810/14

II General Mullins' Scheme
(elaborated by Captn. Romilly).

The source of supply to be the Agaram tank. The water from it to be collected in settling beds and conducted thence by earthen pipes to a well in a pumping station situated below the tank wier at its North-west extremity. From this well the water to be pumped on to the filter beds, whence it would gravitate into a clear water basin. From the basin the water to be pumped up over a stand pipe through cast-iron mains up to the existing cisterns at the various barracks, whence it would be drawn as required by the present distributing pipes & stand-cocks.

Alternative Project by Captain Romilly.

III Project B. The source of supply to be the Halsur tank and Dhobies wells as the as at present – Condensing apparatus and cisterns for evaporating a supply of pure drinking water to be located at the Rock, the condensers drawing their supply from the tank. New mains to be laid from the drinking water cisterns at the Rock to the barracks, communicating with Standcocks, whence drinking water only would be drawn. Arrangements to be made for direct pumping to the barracks from the Dhobies wells station.

IV. **Project C** – The source of supply to be the Halsur tank and the Dhobies' wells as at present, to be improved by the complete diversion from the tank of the western feeder which brings the drainage of the Cantonment bazaar into the tank – The construction of a new feeder to bring in the drainage from about 2½ square miles new catchment to the east of the tank. An increase to the capacity of the tank by raising the present water level. The provision of new engines, the construction of additional wells, &c.

V Colonel Vibarts Scheme –

The source of supply to be the Arkavutty River – The water to be stored at a point some 15 miles from Bangalore, not far from Savandroog, and if necessary to be pumped up to Bangalore.

VI Suggestions by the Government of India

Flooring with concrete, a space on high ground commanding the station, of such an extent that the ordinary rain fall thereon would give a sufficient supply of drinking water for the troops. The discharge to be collected in reservoirs and thence distributed by pipes.

Complete papers on the subject of the schemes above described and information regarding the number of troops & quantity of water to be supplied with other particulars, can

be

be obtained on application at the office of the Chief Engineer, P. W. Department, Madras.

" The essays should be submitted to the Chief Engineer P. W. Dept. on or before 31st March 1888."

Exd. [illegible] 23-9-87

LO 37

E. Barclay Esqre 2850/46

Govt. Solicitor

My dear Sir.

I am directed to send you copy of notification which the Govt. propose to publish, and to ask that you will kindly let me know if in your opinion the notification is sufficiently clear, and ~~it published~~ may be published without risk of incurring difficulties.

I should be much obliged if you will favour me with a reply ~~before the middle~~ early next week.

[illegible]

23/9/87

Despatched with copy of Notification 23-9-87

[illegible] to E. B. pending [illegible]

[illegible] reply from Govt. Solicitor

23/9/87

280/17

The investigations that have been made of late years with the object of procuring a pure water supply for the troops stationed at Bangalore having failed in so far that no scheme for an absolutely pure water supply has been brought forward that will not involve an expenditure far beyond far in excess of that which is in other large towns considered reasonable, the Govt. resolve to offer ~~[illegible]~~ a reward of Rs 1000 for the best an essay on the subject which shall bring forward a workable & economical scheme for the supply of water, such scheme being original and not simply a modification of any of the proposals hitherto laid before Govt., and a further reward of Rs 1000 should such essay prove the foundation of any scheme which the Govt. should be able to adopt. Complete

2810/18

papers on the subject shewing the proposals that have lately been laid before Govt., and information regarding the Ht. of works & quantity of water to be supplied with other particulars can be obtained on application at the office of the Chief Engr. P.W.D. Madras.

Retd. [illegible]

[illegible]

× Col. [illegible]

Madras, 27th September 1887

2840/19

Dear Sir,

I am in receipt of your letter of the 23rd instant with copy of a notification which the Government propose to publish.

It seems to me that the notification is quite clear so far as it goes. It intimates that the Government are prepared to give a reward of Rs 1000 for the best essay bringing forward an original and workable and economical scheme for the supply of pure drinking water for the troops in Bangalore, and that a further reward of Rs 1000 will be given if the essay which gains the first reward is adopted as the foundation of any scheme which the Government may resolve to carry out. It might perhaps be as well to add the words "for the above purpose" after the words "carry out" as I presume that the

second

second reward would not be given if the scheme suggested in the essay were adopted elsewhere than in Bangalore, or the essay were the foundation for a scheme for a water supply elsewhere; for it might so happen that though the scheme suggested by the essay was not good for Bangalore, the essay might give the idea i.e "be the foundation for" a scheme for a water supply in some other place, or it might suggest a scheme that would apply to Bangalore as well as to some other place, in which case Government would, of course, only pay the second reward for the Bangalore scheme and the essayist would have no claim for the scheme suggested by him if applied to the other place.

I do not know whether it is intended that the essay is to have absolutely nothing to do with the proposals already laid before Government. The notification

says

says the scheme is not to be simply a modification of any of those proposals. But might not the scheme include some of the suggestions contained in one or more of those proposals? as, if so, and after there have been so many it is difficult to see how this can be entirely avoided, it would be as well to alter the notification by adding after the word "Government" some such words as "though any one or more of the sug-"gestions contained in such proposals "may be applied, if necessary to such "scheme".

The only difficulty I can foresee is a possible question as to whether the essay is or is not the foundation of the scheme which Government may resolve to carry out in Bangalore. The Government may not adopt the essay even as the foundation for the scheme actually carried out, but, the Essayist may contend that his ideas, as shewn in the essay,

really

really were the foundation of the scheme. This would of course be a question of fact, and the only way I can suggest to avoid it would be to alter the notification somewhat, and instead of saying "A further sum of Rs 1000 will be given "if such essay is adopted as the foundation "of any scheme which" &c to say "A further sum of Rs 1000 will be given if the "scheme suggested by such essay is adopted by the Government for the above purpose" My suggested alteration will not make the second offer of a reward quite so liberal as that at present contained in the notification, but, though it will not entirely avoid a question such as I have suggested above, it will I think make it less likely and would place Government in a stronger position.

I return the copy notification which I have slightly altered in pencil in accordance with the above suggestions.

2810/21

I am
Yours faithfully
Ernest Barclay
Government Solicitor

Col: Hasted R.E.
Secretary to Government,
Public Works Department
Ootacamund

280/22

P.W.D. No. 7774

Bangalore Water Supply

Rec. No. 7187 Rd 6.10.87

Letter from the Govt. Solicitor on the draft notification in connection with a Water Supply Scheme for the troops at Bangalore.

Submitted to the Hon: Mr. Hutchins for orders.

R.S.
23 X 87

2810/23

AC

2800/24

This G.O. can now be numbered & issued as quickly as possible.

Done

A copy of the G.O. will have to be sent
× to Supdt Govt Press, with instructions to publish the notification in the Gazette.

W.S. orders will

have to be taken
with respect to the
newspapers to which
the intimation should
be sent as an
advertisement —

CE
20/10/87

C A W,

2810/25

Kindly say if this order may now issue. Your kind attention is drawn to the pencil note in the accompanying G O No. 2810 W d/ 20-10-87

AH

To D.W. 27/10

With reference to the decision come to as to advertising, please say whether the order may, before issue, be amended as shown on the margin of the accompanying spare copy. The papers with in the usual fl

Course be laid on the Editors' table, and they (Editors) may comment on the change of procedure.

A. S.
28-x-87

Yes – the order should be amended – the cost of publishing the whole ~~also~~ notification would be excessive, and the result of advertising will be equally satisfactory

28.10.87

Bangalore Water Supply

C. W. W.

2810/26

The reports should be printed as you suggest.

I do not see what is to be done about the plans; I understand that many of them are lost.

The labour of reducing them ~~[illegible]~~ would be very great – A few plans would be of little use.

I think as Govt wants entirely new schemes, ~~that~~ the intending contributors must be satisfied with the reports without the plans.

27.10.87

To
S.W.

Bangalore Water Supply -

2810/27

The attached Statement gives reference to the papers which I think will be required by intending Contributors. Spare copies of those in print can be at once sent to Mr Jones - but in order to supply future applicants, it will perhaps be well to reprint the series and bind up in book form.

A careful selection of plans will also perhaps be necessary on a convenient scale - to be put up in book form as an appendix to the reports.

If approved T will be set on this work at once -

R.S.
27-4-87

Papers relating to the Bangalore Water Supply

G.O. No & Date	Scheme	No of Copies available
(1) 2794-5W d/ 5 oct. 1883	General Sankey's Scheme	7 Copies
(2) 1473-4W d/ 13 June 1884	General Mullins Scheme	8 Copies with 20 Report
1814W d/ 25 July 1884	II, III, IV	13 Copies
2292-3W d/ 10 Sept 1886	Elaborated by Capt. Romilly	5 Copies without Report
× Ros[illegible]		No spa[illegible] copies
(5) 1051-2W d/ 23-4-1881		19 Copies
2828C d/ 23-8-1887	Colonel Vibart's Scheme	
2854C d/ 25-8-1887		
C. No 8448	—— Do —— memo	L.O. in Current Sec. for
(6) 1924W d/ 18-7-1887	Govt. of India Suggestion on the Scheme	30 Copies
2810W d/ 20-10-1887	Notification of Projects &c	30 "

× vide 318D d/ 30-6-87

2880/28

B & R
Mily works.

PUBLIC WORKS DEPARTMENT.

No 2810 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20th Octr/87

READ ~~the following~~ again

2810/29

Letter from the Govt of India No 1182 M. W. d/ 14.6.87 recorded in G.O. No 1924 W d/ 18th July 1887, requesting that further investigation may be made into the subject of providing the troops at Bangalore with an improved water supply.

Read also
From the Govt. Solicitor dated 27th Sept 1887.

His Excy the Govr in Council resolves to publish the following notification in the Fort St George Gazette & to advertise it in the leading newspapers:—

Notification.

"The investigations which have been made of late years with the object of procuring a pure

that

pure water supply for the troops stationed at Bangalore having failed in so far that no scheme for ~~an~~ absolutely pure water supply has been brought forward that will not involve an expenditure per head far in excess of that which is in other large towns considered reasonable, the Govt. resolve to offer a reward of Rs.1000 for the best essay ~~on the subject~~, which shall bring forward a workable and economical scheme for the supply of pure drinking water for the troops in Bangalore. Such scheme must ~~being~~ original, and not simply a modification of any of the undermentioned proposals hitherto laid before the

though any one or more of the suggestions contained in such proposals may be applied if necessary to such scheme. A further sum of Rs. 1000 will be given if such essay is adopted as the foundation of any scheme which the Govt. may resolve to carry out for the above purpose.

It will rest with the Chief Engr. to decide whether any essay ~~[illegible]~~ fulfils ~~within~~ the required conditions & his decision will be final.

~~The Govt. ~~will~~ ~~add~~ a further sum will be given ~~reward~~ of Rs 1000 ~~should~~ if such essay ~~prove~~ is adopted as the foundation of any scheme which the Govt. may ~~be~~ (or by Government for the above purpose) resolve to carry out ~~[illegible] able to adopt [illegible]~~~~

" The following are brief descriptions of the schemes which have already been before the Government:—

I General Sankey's Scheme

(1) The construction of a reservoir on the third mile of the Bellary or Tumkur road, at a level giving what ~~a~~ was deemed to be a sufficient command of the whole station to secure water distribution by gravitation.

(2) The supply of this reservoir by the formation of channels to intercept the

the drainage of approximately the whole area of ground available on a level higher than that of the tank itself –

(3) The distribution of the water to the several parts of the station by means of conduits, pipes &c.

This scheme was designed to effect a radical improvement of the water supply of the whole military and civil population of Bangalore, excepting the Pettah, which had a fairly good supply. ~~The estimated cost was Rupees 5.48.961, and the greater portion of that sum has been expended on the works by the Mysore Govt. The reservoir has however been found incapable of supplying the station or the troops, chiefly because the gathering ground 2218/31 is not extensive enough to enable the tank to perform the duty for which the works were constructed.~~

II General Mullins' Scheme (elaborated by Capt Romilly)

The source of supply to be the Agaram tank. The water from it to be collected in settling beds and conducted thence by earthen pipes to a well in a pumping station situated below the tank weir at its north-west extremity. From this well the water to be pumped on to filter beds, whence it would gravitate into a clear water basin – From this basin the water to be pumped up over a stand pipe through cast-iron mains up to the existing cisterns at the various barracks, whence it would be drawn as required by the present distributing pipes & stand-cocks. ~~Estimated capital cost Rs 2,90,000, and annual maintenance charges Rs 44,355.~~

Alternative Projects by Capt. Romilly.

III Project B. The source of supply to be the Halsur tank & Dhobies' wells as at present. Condensing apparatus and cisterns for ~~producing~~ evaporating a supply of pure drinking water to be located at the Rock, the condensers drawing their supply from the tank. New mains to be laid from the drinking water cisterns at the Rock to the barracks, communicating with stand cocks, whence drinking water only would be drawn. Arrangements to be made for direct pumping to the barracks from the Dhobies' wells station. ~~Estimated capital cost Rs 1,67,000, and annual maintenance charges,~~ Rs 84,600.

IV Project C. The source of supply to be the Halsur tank & the Dhobies' wells as at present, ~~the~~ ~~source of supply~~ to be improved by the complete diversion from the tank of the western feeder which brings the drainage of the Cantonment bazaar into ~~the~~ the tank. The construction of a new feeder to bring in the drainage of from about 2 1/2 square miles new catchment to the east of the tanks. An increase to the capacity of the tanks by raising the present water level. The provision of new engines, the construction of additional wells &c.

~~Estimated capital cost Rs 1,33,000 and annual maintenance charges Rs 27,000.~~

V Colonel Vibart's scheme.

The source of supply to be the Arkavathy River. The water to be stored at a point some 15 miles from Bangalore, not far from Savandroog, and if necessary to be pumped up to Bangalore.

~~Estimated cost not~~

8/p 8

~~yet worked out~~ .

Suggestion by the Govt of India

~~[illegible]~~

VI The Flooring with concrete a space on high ground commanding the station, of such an extent that the ordinary rainfall thereon would give a sufficient supply of drinking water for the troops. The discharge to be collected in reservoirs and thence distributed by pipes.

4/ "Complete papers on the subject of the schemes above described, and information regarding the number of troops & quantity of water to be supplied, with other particulars, can be obtained on application at the office of the Chief Engr P.W. Dept, Madras.

"The essays should be submitted to the Chief Engineer P.W. Dept on or before 31st March 1888." ([illegible])

2. A sum of Rs 2000 will be reserved in the Mily. Works Budget of 1888-89 to meet payment of the honoraria above mentioned.

To the S.E. V Circle
" Military Dept
" Public Dept.

LC 28 31/10

([illegible])

Cu

2810/34

C W 7724

Govt. of (1887) Madras

PUBLIC WORKS.

Please send [illegible]

Dated

Recd. Encl. 4/10/87 4-45 p.m

G.O. 20-3/10 — 1887, No 2812 W

Bangalore water supply

Ordering the publication of ~~the~~ a notification regarding the resolution of ~~the~~ Govt to offer a reward ~~of Rs 1000~~ for the best essay which shall bring forward a workable and economical scheme for the supply of pure drinking water for the troops in Bangalore,