Archives I —10,006—16-8 77.

(1) Number of pages 64.

(2) Date of repair Oct 1986

(3) Initials of the Referencer Cows

TAMIL NADU ARCHIVES

RNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No.	846. W.	Press.
S.P. No.		Mis.

Dated 20.3.1879 197.

M.J.

To be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

20th March 1879, No. 846 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 252. Endorsement of the District Engineer, Presidency, dated Fort St. George, 3rd June 1878, No. 1,251.

From G. H. FAULKNER, Esq., General Superintendent, Public Works Workshops and Stores, to the District Engineer, Presidency, dated Madras, 27th May 1878, No. 552.

With reference to the Chief Engineer's memorandum No. 1,659, dated 4th April last, communicated with your endorsement No. 122, dated 5th idem. inquiring if there is any objection to the water required by the Workshops being provided from the Red Hill supply, I have the honor to submit for approval three estimates calculated to show the net amounts of monthly expenditures to be incurred, including interest on capital, on the three different sources of supply.

2. Of three estimates, I beg to suggest that the supply of water from the Red Hills be accepted, and request that early sanction be obtained for the execution of the work as the Workshops are greatly in need of water.

3. The original estimate received from the Municipal Executive Engineer is also enclosed with a request that it may be returned after approval.

4. I should mention that the excavation for the well has already been made to a depth of about 15 feet, say 2 or 3 feet, above water level, and that the materials for constructing the well are on the spot ; the contractor will therefore have to be paid for the expenses incurred by him and the place filled up.

Submitted to the Chief Engineer and Secretary to Government, Public Works Department, for favor of orders with reference to his memorandum No. 1,659, dated 4th April 1878.

2. The District Engineer recommends the acceptance of the Red Hills water and the immediate filling in of the excavation already partly carried out for the well.

(Signed) ROSS THOMPSON, Major, R.E.,
District Engineer, Presidency.

No. 252-A. From the District Engineer, Presidency, dated 14th June 1878, No. 1,569.

No. 252-B. From Major ROSS THOMPSON, R.E., District Engineer, Presidency, to the Chief Engineer, Public Works Department, dated Fort St. George, 29th August 1878, No. 3,295.

WITH reference to your memorandum, No. 2,648, of 18th June 1878, I have the honor to report that the Officiating General Superintendent, Public Works Workshops, considers that a cistern would be of the greatest use at the Workshops. He informs me that water taken from the Red Hills main nearest the Workshops would rise to a level of 12 feet above the general level of the ground at the shops. He would not, however, construct the cistern on the site for the well (partially excavated and now abandoned), as the site is valuable for erecting purposes. A masonry cistern capable of holding 10,000 gallons of water would furnish a supply for about three days. The amount of water delivered by the Municipality could be accurately measured by means of it, and in case of accidents or closing the main a reserve supply would be available for about three days.

1 Plan.
1 Estimate.
1 Specification.
2 Copies of letters.

2. The President of the Municipality states that he would be prepared to refund 15 per cent. on the cost of the piping, excavation, and laying and jointing on the first additional connection being made. I enclose copies of the General Superintendent's letter, No. 1,470, of 25th July 1878, and plan and estimate for the proposed cistern; also copy of the Municipal President's letter regarding refunds.

No. 253-C. From Major S. C. CLARKE, R.E., Acting Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated St. Thomas' Mount, 30th January 1879, No. 469.

WITH reference to your memorandum, No. 4,546, of the 8th October 1878, to the address of the District Engineer, Presidency Division, on the subject of connecting the Public Workshops cistern with the Red Hills tank water-supply "main" belonging to the Municipality of Madras, I have the honor now to submit for your sanction and approval the estimate received from the General Superintendent, Public Works Stores, through the Executive Engineer, Presidency Division, for laying down 4-inch branch piping up to the yard of the Public Works Workshop, leading from the Seven Wells Street "main" amounting to Rupees 2,621-14-5, since it is of paramount importance that a continuous water-supply for the use of the Workshop machinery and engines should be arranged for at an early date.

1 Plan.
2 Estimates.

2. The General Superintendent states that the piping (4-inch) value Rs. 1,760-13-7 can be supplied from the stock in hand, thereby reducing the actual monetary outlay to Rupees 861-0-10, which amount must now be sanctioned and allotted for expenditure, if the Government take the same view of its urgent importance as the General Superintendent does.

3. The estimate for laying down the piping, &c., has been furnished by the Executive Engineer of the Municipality of Madras, who is willing to undertake the work as soon as funds can be provided.

4. This work is the more needed, since there is at present no suitable provision for supplying a copious flow of water, should a fire break out in any part of the Workshop building or yard, so that the early sanction of the estimate amount is solicited.

5. With reference to the question of the cistern for which an estimate, amounting to Rupees 1,250, has been prepared by the General Superintendent, Public Works Stores, it would appear to me advisable to have the same sunk below the ground level, so that the masonry work might be reduced in quantity, thereby effecting a saving. The loss of heighth or head would be of little or no importance, since the water would have to be raised by a steam pump from the cistern if required to extinguish a fire in any part of the building. Whereas its mural strength would be quadrupled and its actual cost considerably diminished.

6. The providing of fountain rose-tips to the 4-inch piping in the centre of the cisterns is not shown in the estimate submitted by the General Superintendent, nor can I see the object of having such, for an ornamental or an un-ornamental fountain is certainly not needed in the Workshop yard.

7. In his letter No. 643 E of the 27th of June 1878, the President, Municipal Commission, states that should any branch piping be subsequently laid down by his department leading off from that now proposed to be laid down for the Public Works Stores, the Municipality will be prepared to make a refund to Government of 15 per cent. on the actual cost of the piping, and the expenses attendant on the first connection being made, and also to grant a further proportionate deduction or refund should other branches be added hereafter.

8. The question of raising the water from the hydrant or cistern (when built) must be next considered, but at present I am unable to submit a definite opinion. I purpose, however, looking into the matter and will submit the proposals in due time.

No. 252-D. NOTE.

THE submission of these papers has been delayed in order that the scheme might be laid before Government in a complete shape, with provision for the raising and distribution of the water; but in the opinion of the Acting Chief Engineer it would be well to lose no more time in carrying out so much of the scheme as has already received the general approval of Government. The estimates for the piping, and for the cistern, are therefore submitted for immediate sanction.

2. As regards the cistern, the plan and estimate provide for its construction above the level of the ground in the Workshop yard, with a view to take advantage of the head of about 12 feet at which the water can be delivered from the Red Hills main. In order to save part of the masonry, the Acting Superintending Engineer recommends that the cistern should be sunk below the ground level; but, in the opinion of the undersigned, the proper course is to construct it in accordance with the plan, above ground level. It will be of great and permanent advantage to the Workshops to have a large supply of water available above the level of the yard, especially in the event of a fire.

3. The fountain should not have been shown in the plan.

19th March 1879. (Signed) J. H. M. SHAW-STEWART, Col., R.E.,
Acting Chief Engineer, P.W.D.

No. 253. ORDER THEREON, 20th March 1879, No. 846 W.

THERE schemes for supplying water to the Public Works Workshops have been submitted for the consideration of Government. The sources of supply are, respectively, the Red Hills Reservoir, the Seven Wells, and a new well to be sunk within the Workshop yard.

2. His Grace the Governor in Council is of opinion that the Red Hills Reservoir is without doubt the cheapest and the most favorable source of supply; and he accordingly sanctions the estimate, amounting to Rupees 2,622, for laying a 4-inch branch pipe, from the Seven Wells street main, into the Workshop yard. It is observed that the piping, at an estimated cost of Rupees 1,761, will be supplied by the Public Works Workshops; and that the Municipality will undertake to carry out the work on being provided with the balance of the estimate, Rupees 861.

3. It is further observed that the Municipality will be prepared to allow a refund of 15 per cent. on the estimate now sanctioned, in the event of an additional connection being made between the existing main in Seven Wells street and the Workshop yard; with further proportionate refunds should other connections be made subsequently.

4. It is also proposed to construct a cistern capable of containing 10,600 gallons of water, or about three days' supply for the Workshops. The plan and estimate laid before Government provide for the construction of this cistern above the level of the ground in the Workshop yard, with a view to take advantage of the head of about 12 feet at which the water can be delivered from the Red Hills main. This proposal is approved, and the estimate, amounting to Rupees 1,250, is sanctioned.

5. The cost of the works now sanctioned will be charged to the Workshops, and no time should be lost in carrying them out.

6. With reference to paragraph 8 of the letter from the Superintending Engineer, dated the 30th January, the General Superintendent of the Workshops will lose no time in submitting proposals for raising and distributing the water.

(True Extract.)

Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

To the Superintending Engineer, Third Circle.
" General Superintendent, Public Works Workshops.
" Financial Department.
" Examiner of Public Works Accounts.

Encl. C. Howard.
Spare Copies

Govt. of India.

PUBLIC WORKS.

MADRAS.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following :—

Letter from C.E. dated 13th June 1878

2 APR 78

Inf. Asst. Colonel.

From Letter of July 2nd
Asst — in Ex — P.W. Waterhouse
Inst — I send for a Letter
of 6th days Asst from Srinigar
Reporting progress — and
Circumstances under which with
Cross fort-pompond — Labo
Send for my Office file
Contains all the Information
Lent on the Subject — By the
Same mails as the Red Kills
Letter is read, & must be

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

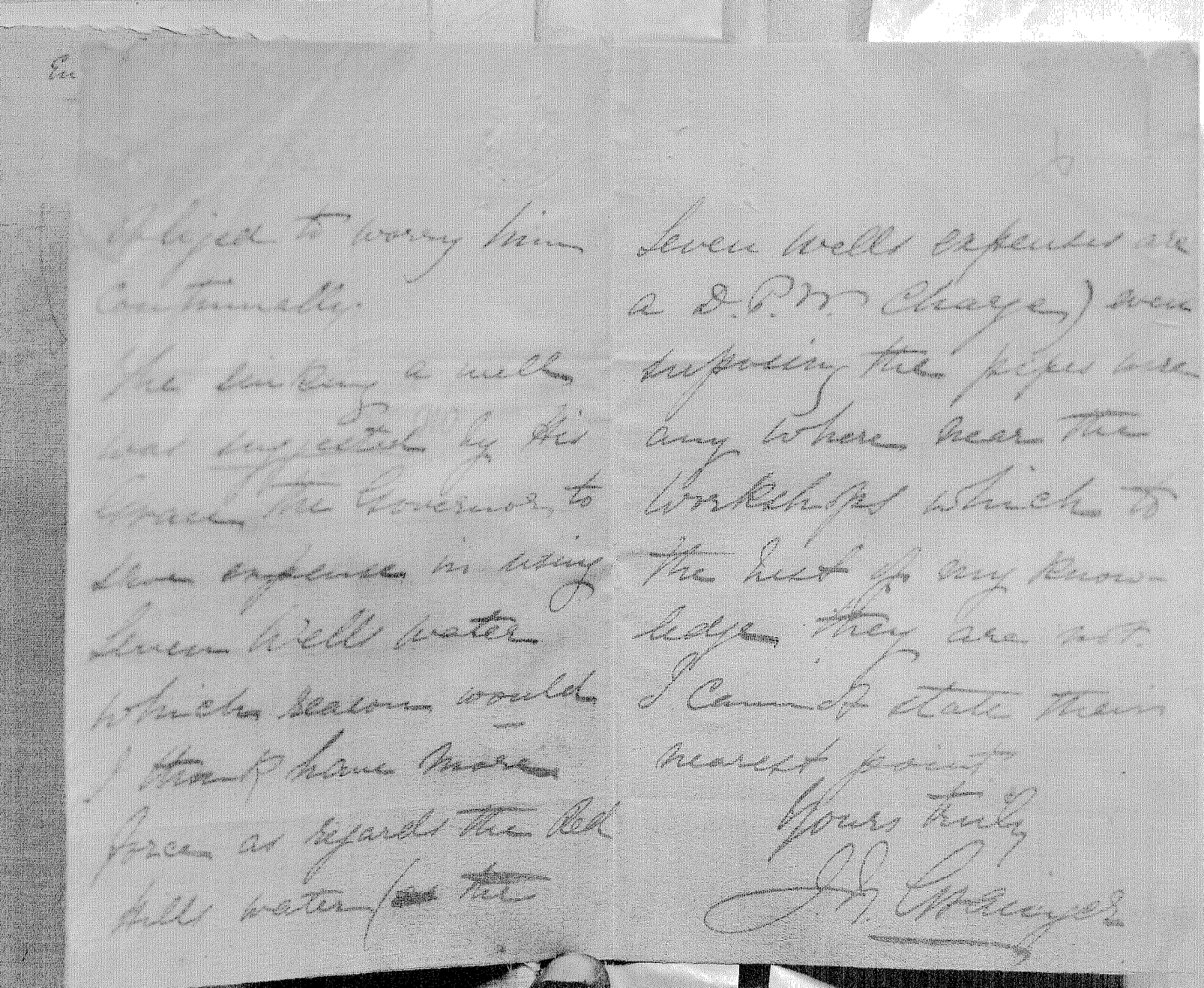
Read the following :—

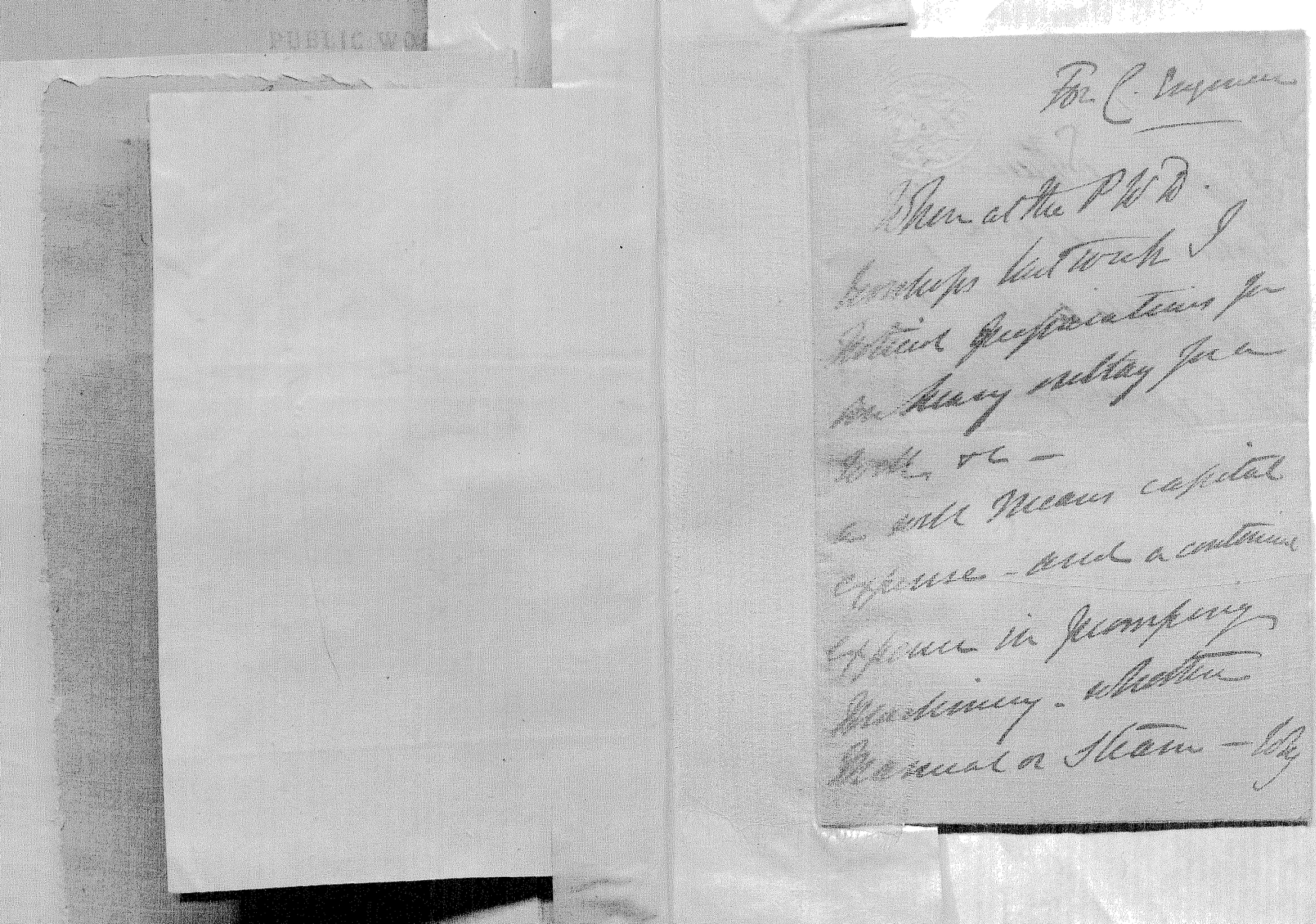
Paid for Dr Ay Seamen &c
Dr Seamen wills watch to Regiment
for Dr Fort. Hospitals, Pallaveram
& ——— and Dr Red Hills
& mile Wks depended upon ——
for a Supply —— Vide Cost
Seamen — and Seamen Lascar —

From Secy to Govt
Pub Works

8 APR 78

Public Works Stores and Workshops.
Madras, 1978





PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following :—

From the S. E. Presidency C.E. No 1251 dated Jan.
to — C.E. No 1869 dated 20th —
to — C.E. No 1235 dated 29 Aug.
From the S. E. Chingleput. C.E. No 1869 dated 30 Jan.

The undermentioned estimates are sanctioned, the cost being incl
to the Workshop

1. Laying and painting a 4" Branch from the end of the present 4" pipe in Seven Wells street to the Public Works Workshops ——— Rs. 2
2. Constructing a cistern in the Public Works Workshop yard ——— Rs.

UK
23.2.79.

Chief Secretary
to Govt. P.W.D.
Head Clerk for Secy

C.E.

No 765. dated 26th February 1879

Letter from the C.E. Field Force, dated 30th January 1879.

Received 6th Feb.

Copy of Mr Rorke's report on Isandhlwana Battle-field, with sketch of ground.

Copy of letter from Lieut Colonel Pulleine to Lieut Colonel Crealock, dated 22nd January 1879, with sketch of position.

Copy of letter from Lieut Colonel Pulleine to Lieut Colonel Crealock, dated 22nd January 1879, 8 a.m.

Copy of letter from Lieut Colonel Pulleine to Lieut Colonel Crealock, dated 22nd January 1879, 11 a.m.

PRESIDENCY WORKSHOPS, D. P. W.,
Madras, 8 March 1879.

No. *4646*

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,

To

THE *Deputy Chief Engineer*
D.P.W.
Fort St George

SIR,

With reference to Memo No 960 dtd 26th ultimo from the Chief Engineer I have the honor to report as follows.

1. The two main surfaces for which water is required in the Workshops are working Machinery and in case of a fire, inside in the Saw Department, it may be used water is only required in the latter case

2. I have made arrangements which will provide one ample supply for the usual purposes without manual labor so long as the existing well holds water and I now beg to offer certain suggestions which if carried out would be advantageous to both the Workshops and Press

3. The portion of the buildings most liable to damage from fire are the wooden flooring and partitions of the Office and Store Rooms above the Workmen shops as good a fire extinguishing apparatus would first the whole buildings it is, therefore necessary to have an ample supply of water in such a position that a few men could quickly get it to the Communication and I think the best mode of arranging this would be to place three Iron Water Tanks 4'x4'x4' on Convenient Situations on the flooring upstairs and in case

Enclosures.

Secret

Chief Engineer's Office 2nd December 1847

I have the honor to be
Sir
Your most Obedt Servant
[illegible]
Lt Col Royal Engineers

Brown Jones & Co a supply of Cast Iron Buckets of Convenient size to hold 3 gals each, full would weigh 1 Stone, and as weights, Considering as part of the Iron Work fitted from the Planning above the Upper Deck by means of Screws fitted, Screwed across the Joists to distribute the Shocks, there is no doubt but that, with similar precautions, Nine Buckets might safely be placed as suggested, if it is Considered necessary, and Each might be filled directly over an open Border.

5. The Spring well is Inconveniently Situated, and is not Capable of Supplying the whole of the works Required, I would therefore most strongly Recommend that another well should be Sunk in the open Space between the Engine House, Carpenters Shed and Saw Mill

6. A well Covered in from Inclemency to Contain Water Cistern from the Red Sheds or the Steam under the Yard Crane as the only one and the Workshops and Stores would be quite Independent of any difficulty from outside

7. The cost of the arrangements would be as follows—

Well 5 diameter about 28 deep — £120 — —
2 Cast Iron Buckets for Upper Stores
to — to — Platform Cranes — at £20 — —
2 — do — Workshops Store Cranes
20 Leather Buckets — — £2 — —
Total £ 142 — —

and Considering that it would be for the Mutual advantage of both the Store and Workshops, Should the cost Should be borne Equally by the two Departments

8. The Posts for Cranes which accompanied the

Chief

No.

From

The Genl. Supt., P. W. Workshops,

Madras,

To

Dated }
Despd. } 187

Enclosures.

TO
W.

I AM OF OPINION THAT THE OUTLAY IS PROPERLY DEBITABLE TO WORKSHOPS, AND THE SANCTION ACCORDED IN G.O.NO.1757.W.OF 20TH.NOVEMBER 1877 IS A PRECEDENT IN SUPPORT OF THIS OPINION.

C.

GOVT. OF MADRAS. } 187 . { P. W. DEPT.

SECRETARY.

Fort St. George, Feb 1879.

OFFICE NOTE.

To C

Please take the
Revenue Board's
proceedings thereon
and submit the neces-
sary draft for their orders.
See the Chargers forwarded
herewith to the Board
of Revenue on the Ab-
normal Receipts of
1877-78.

Dyer
17-2-79.
Sec

TO W.

OF 187 .

PUBLIC WORKS DEPARTMENT.

Endorsement of the Director of Stationery & Presidency, No. 1251, dated 3rd June 1878, on letter from the General & Sub. A. G. Madras No. 552, dated 29th May 1878.

FOR ORDERS.

Edmd Lee RE.
Secy. to Govt.

Perused the Duplicate Accounts herewith & observe that the Charges for Stationery & Printing are as follows:-

	Estimate	Actual	
Sem Press	1610	—	70-12-8
Forest Dept	290	—	102-6-11
Ld. Hills	3025	—	29-9-8

The Forest Charges include Stationery to the extent of Rs 5 only.

Perused.

Chief Secretary.

The Thermometer at Noon
Outside
7 Wells - 910 70.12
Red Hill 3025 27.9
Weal 2970 - 102.6

Hourly observations
in the Red Hill Reservoir
to the depth of 746. Feet
in the Tubular Pipes in
Engine House 25 Feet from
the Reservoir at the
7 Wells Estimated
at 1 Foot above the
Red Hill Reservoir and
about 80 Feet perpendicular
It is proved that that
the Water feeds Hourly
Supplies - But it is also
Stated that at the 7 Wells

P. S.

Office of the

Public Works Commissioners,

Melbourne, 7th February 1856.

No. 557

From

THE GENERAL SUPERINTENDENT,

Public Works Commissioners' Office,

To

The Robert Brown

Ballarat

Sir,

Enclosures.

for Constructing the work as on the 23rd. the Contractor will therefore have to be paid for the Excavation measured by him & the Resident Engineer

Sir

I have the honor to be

Sir

Your most Obedient Servant

[illegible]

Superintending Civil Engineer

No. 1251

Submitted to the Chief Engineer and Secy. to Govt. P.W.D. for favor of orders with reference to his Memo. No 1659 dt. 4 April 1892.

2. The District Engineer recommends the acceptance of the 18" Cast Iron Water, and the immediate filling in of the excavation already partly paid out for the work.

[illegible]

District Engineer

Encl.

Estimate

23 K. Sept 3

3 June 1892

Clerk

From

The General Superintendent,

P. W. Workshops,

To

The [illegible]

[illegible]

[illegible]

Dated 27
Despatched 28 } May 1878.
Received

No. 552

Enclosures. 4

[illegible]

Buildings and Roads.

From,

The District Engineer
Peerdanny

No 1257.

Dated 3rd June 1878.
Recd 4th

No of Encls 3.

3 Estimates & Specifications
in duplicate. viz. £8,278 /
" " 3,059.12
£11,337

Water Supply to the Pr.
Work Shops —

Submits letter from the
Asst Engr-in-Chge Notes and
recommends the Road Mills —

To Early 4-6-78

Pandang Workshops Dept
No 756 Madras 11th June 1878

From

The Secretary to Government
Public Works Department

To

The District Engineer
Pandang

Sir,

I have the honor to invite your attention to my letter Marginally noted regarding the Engineering Establishment entertained for the execution of the Public Works and to request that you will have the goodness to select the Engineering agency only which will in your opinion suffice for the supervision of the Public Works and to report for the orders of Government whether such Establishment can be spared from your Division.

I have the honor to be
Sir
Your most obedient Servant
[illegible]
for Secretary to Government

From

The General Synod Board of Missions,

To

The

Dated

Despatched

Received

No.

Enclosures.

General

No. 3235.

From

The District Engineer,

Presidency.

To,

The Chief Engineer and

Secretary to Government 2nd.

Sir,

With reference to your Memo No. 2648 of
18 June 18 yrs, I have the honor to report that the
Offg General left Mr Workshops, considers that
a cistern would be of the greatest use at the
Workshops, & informs me that water taken
from the Red Hills Reservoir near the Workshops
would be raised to a head of 10 feet above the
general level of the ground at the Shops. He
would not however construct the cistern on
the site for the well (partially excavated, now
nearly abandoned) as the site is valuable for
erecting purposes. A masonry cistern capable
of holding 10,000 gallons of water would furnish
a supply for about three days. The amount
of water delivered by the Municipality
could be accurately measured by means
of it, and in case of accidents or claims

the

1 Encl.
1 Plan.
1 Estimate
1 Specification.
2 copies of Letters.

No. 1569

Dated 14 June 1898.

Received 15 June 1898.

Pub. Works Dept.

Requests that early orders may be passed on the subject of the water supply &c.

2 encl

Loan 65-6-98

Bridge Engineer

Resident

Bridge St George
29th Aug 1870
Feet

No. 469

CHINGLEPUT SUPERINTENDING ENGINEER'S OFFICE,
SAINT THOMAS' MOUNT, 30th January 1879

From

THE SUPERINTENDING ENGINEER,

~~Chingleput~~ 3rd Circle

To

The Chief Engineer
P. W. D.

Sir,

With reference to your Memo No. 2528 of the 5th October last to the address of the District Engineer, Chingleput Division, on the subject of carrying the Pallavaram-Tambaram road over the Red Hills Lake, I have the honor to submit herewith the plan and estimate for the proposed bridge, for your sanction and approval. The Estimate is made from the General design & Estimate for the Executive Engineer's Division, for the Construction of Masonry Bridges across the Minor Supply Channels of the Red Hills Lake, which was sanctioned under the Chief Engineer's Memo No. 2528 of 5th October 1878. The Estimate amounts to Rs 2624-14-3 & it is of permanent character, that is, the Arches will be of Masonry and the Piers will be of Masonry upto the Sill level, and the Superstructure will be of Timber. The Bridge will be provided with Cast Iron Railings.

2 The General Abstract shows that a Sum of Rs 1960-13 can be saved from the Grant on hand, under

Executive

allowed the actual secretary and Engineer to be allowed amount and may be allowed for expenditure of the Government take the same steps as urgent emergencies as the General Superintendent does.

The Estimate for laying down the Piping for has been furnished by the Superintendent of the Municipality who undertakes to do the work as cheaply as Tenders can be procured.

This work is the most needed, since there is at present no certain means for supplying a copious flow of water, should a fire break out, in any part of the Building or yard, so that the very question of the Estimate is to be decided.

5 With reference to the question of the Cistern for which an Estimate amount up to £1250, has been prepared by the General Superintendent, it would appear to me advisable to have the same sunk below the ground level, so that the masonry work might be reduced in quantity, thereby effecting a saving. The loss of height or head would be of little or no importance, since the water would have to be raised by steam Pumps from the Cistern, if required to extinguish a fire in any part of the Building. Whereas the vertical strength would be greatly increased and the total cost considerably diminished.

6 The providing of Fountain accordg to the 4th paragraph on the centre of the cistern, not shewn on the Estimate, submitted by the General Superintendent nor can I see the object of having such, for an ornamental or any ornamental Fountain is certainly not needed in the Work Shop yard.

7 In his letter No 643 C of the 25th June last the President Municipal Commissioners states that should any branch pipes be subsequently laid down by his Department leading off from that now proposed to be laid down for the Fire Hose. The Municipality will be prepared to make a Refund to Government of 15 per cent on the actual cost of the Piping and the expenses incident on the first connection being made and also to grant a further proportionate deduction or refund should other branches be added hereafter.

8 The question of raising the water for the hydrant or cistern (when built) would next occasion but at present I am unable to submit a definite opinion. I shall however look into the matter and submit the proposals in due time.

I have the honor to be

Sir

your most obedient servant

Major

Asst Engineers Office

1

Chem

Re Engineering Enquiries
Cisterns

1169.

Read 31st
Decd 30th } January 1879
Rec'd

Cues: 3 Brands

Publication Notice — Workshop
Cistern. — Submitting
Section Plan and Estimate
mate for connecting the
south Rd Hills Road
Water Supply "Drain" Letter
ing both Queen Victoria

2512

P. L. D.

Note.

The Submissions of
these Professors have been
delayed in order that
the Reclaimed might be
laid before Council complete
with Submissions for the
Draining and distribu-
tion of the water;
but in the opinions
of the Acting Chief
Engineer it would be
well to have no more
time, but only to add
Comments of the Reclaimed
as have already received
the general approbation
of

of Government. The
estimate for the fencing
round the Asylum, as
therefore submitted for
immediate execution.

2. As regards the existing
flagstaff and lookout
tower, for the erection
of these above the level
of the ground in the
Portobello yard, with
a view to take advantage
of the head of about
12 feet at which the
water can be delivered
from the Reel Hills
reservoir. I would refer to
part of the accompanying
Plan representing
the engineer's recommended
level for the existing

the

Ref. No.

Sir,

I have the honor to be
your most obedient
humble servant
Sd: Chief Engineer
C.P.W.D.

19th March 1879.

Sd: A.A.S.

Lee Ram K below the
ground level; but in
the opinion of the
undersigned, the proper
course is to construct
it in accordance with
the plan, above ground
level. It will be of
great and permanent
advantage to the Worksho
to have a large supply
of water available above
the level of the yard.

3. The fountains should
not have been shown
on the plan.

L. & N. R. R. 202

No. 846 W. P. D.

Proceedings of the Madras Govt.

Under date the 20th March 99

Read the following:-

From, The District Engr. } W.C. No. 1251 dated 3rd June/98.
do Bezwada do " 1589 " 14th June/98.
" do do " " 3236 " 25th Augt. "
" Supg Engineer Nellore " " 469 " 20th Jany/99.

Three reclamos for supplying water to the P. W. Workshops Cannot be entertained for the consideration of Government. The sources of supply are, respectively the Red Hills Reservoir, the Cooum Canal, and a new well to be sunk within the Workshops yard.

2. The Cooum Canal is open only during the South West monsoon, and the Red Hills Reservoir is not filled every year. The new well will be the most reliable source of supply, and the cost of sinking it should be borne by the Workshops Budget.

that the Municipality will be prepared to allow a Refund of 15 per cent on the estimate now sanctioned, in the event of an additional connection being made between the existing mains in Seven Wells Street and the Workhouse yard, with further proportionate Refunds as to all other connections made subsequently.

4.- It is also proposed to construct a reservoir capable of containing 10,000 gallons of water, or about three days' supply for the Workhouse, the planned estimated

said

Clerk the Municipality will undertake to carry out the work contained in the Estimate, Report

5.- It is further advised

that

Lord Hope to Government
transmit for the consider-
-ation of the enclosed
plans for the proposed
Water Works at Kadhalb
Pond, with a view to
take advantage of the
head of water at which the water
can be delivered from
the Pool hills reservoir.
The proposal is as
after stated, and the
estimate, amounting
to Rs 1,200, is sanctioned.
5. The cost of the work
now sanctioned will
be charged to the
Water Works, and no
time should be lost
in entering upon it.

Lt. Hy

6. With reference to
paragraph 3 of the
letter from the Superin-
-intending Engineer
dated the 30th January
the General Superin-
-tendent of the Works
will have no time to
submitting proposals
for providing and dis-
-tributing the water.

S.E. Work Circle
Secl. Supt. Ch. Works
Secl. Supt
Ex. Engr

Dept. 25-8-77-

Publ. of the Public Works

Nos. 252-260

Bg. Brokhop. Bx.

Bx. Ha Fabjek off.

Fabjek Chute Jar