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MADRAS RECORD OFFICE

Government of Madras

Public works

DEPARTMENT

G.O. No.

2463

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115-114

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Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th October 1873.*

Read the following papers :—

No. 115. From Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 9th August 1873, No. 921.

THE District Engineer of Bangalore has received from Mr. R. Woolley a list of iron piping and other things that he wishes to dispose of, and has suggested that the following articles be purchased and kept in store as they may be found useful in extending the Ulsoor Water Supply :—

870 feet of $1\frac{1}{2}$ inch galvanized iron piping at $14\frac{1}{2}$ Annas a foot = Rs. 788-7-0.

750 „ of $1\frac{1}{2}$ „ iron piping not galvanized at 10 „ a „ = „ 468-12-0.

700 „ of $1\frac{1}{4}$ „ „ „ „ at 9 „ a „ = „ 393-12-0.

354 „ of $1\frac{1}{4}$ „ galvanized iron piping at $12\frac{1}{2}$ „ a „ = „ 276-9-0.

2. The prices of plain wrought-iron piping at the Public Works Stores are for the $1\frac{1}{2}$ inch, 7 Annas, and for $1\frac{1}{4}$ inch, 6 Annas 2 Pies a foot, but the quantity in stock is only 150 feet of the former and 190 feet of the latter. Mr. Woolley has also offered for sale, for 250 Rupees, a cart made expressly for carrying large beams of timber.

3. A large quantity of galvanized wrought-iron piping has been laid in the Parade Barracks, and I now request the sanction of Government for the purchase of the quantity offered of $1\frac{1}{2}$ inch. I think that will be sufficient for the present. Mr. Woolley's price includes carriage to Bangalore. I also beg to recommend the purchase of the cart.

No. 2,255.

REFERRED to the General Superintendent of Public Works Stores, through the Presidency District Engineer, for early report whether the prices of the piping in question are such as to render it advisable to purchase the stock now offered, or whether, with reference to present prices at Home, the usual course of indenting in England had better be adhered to. It is not understood that piping is immediately required anywhere but for the water works at Guindy.

OOTACAMUND, (Signed) G. W. WALKER, Colonel, R.E.,
15th August 1873. Chief Engineer, P. W. D.

No. 116. Endorsement of the District Engineer, Presidency, dated Fort St. George, 5th September 1873, No. 2,667.

From J. N. GRAINGER, Esq., General Superintendent of Public Works Stores and Workshops, to Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, dated Chepauk, 28th August 1873, No. 739.

With reference to the Chief Engineer's Order on letter from the Inspecting Engineer for Civil and Military Buildings forwarded to me for report, I have the honour to state that there is no demand at present for the pipes offered by Mr. Woolley for sale. The indent for pipes for the Guindy Water Project has been partly met from the Public Works Stores, and the balance will be supplied by the Chepauk Workshop.

*Proceedings of the Madras Government, Public Works Department,
7th October 1873.*

2. In the estimate of requirements for the year 1874-75, received from District Engineers, I see no entry for pipes.

3. On reference to the latest English price lists in my possession, I find the rates for pipes quoted as follows:—

1½ inch galvanized,	1s. 2d.	or Annas 9-4	per foot.
1¼ " " "	1s. 0d.	or " 8-0	"
1½ " not " "	11d.	or " 7-4	"
1¼ " " "	8d.	or " 5-4	"

delivered at the work.

Mr. Woolley's rates are for—

1½ inch galvanized,	Annas 11-6	per foot.
1¼ " " "	12-6	"
1½ " not " "	10-0	"
1¼ " " "	9-0	"

4. The English rates quoted by me are for 1870, while the present rates for iron, by the latest invoices received, is about 50 and 75 per cent. over the prices of last year; and comparing Mr. Woolley's rates to the prices now obtaining, I think that it would be advantageous to close with Mr. Woolley's tender.

5. The above pipes, moreover, are of such useful sizes that they could be utilized for gas, steam, and water works; and, although there is no present demand for these pipes, yet requisitions crop up so suddenly as to render immediate compliance hopeless, either from the Public Works Stores, or from the local market.

6. It appears that the District Engineer anticipates an extension of the Ulsoor Water Supply Project, and the Inspecting Engineer also notes that a large quantity of galvanized wrought-iron pipes has been laid in the Parade Barracks, and as any damage to these pipes cannot be readily replaced in the absence of any stock in stores, I beg strongly to recommend that the purchase of the pipes offered by Mr. Woolley may be sanctioned.

7. The small quantity of gas pipes in stock in the Public Works Stores was obtained principally for use of steam engines.

8. I have learnt from Colonel Moberly, District Engineer, Chingleput, that it is in contemplation to lay pipes for conveying water to the Mount Barracks; and, if this scheme receives the sanction of Government, the pipes in question will be at once brought into use.

9. The timber cart, I fear, is too heavy, and as the trucks in store have answered hitherto for removing heavy stores, I do not think it necessary to purchase the cart offered by Mr. Woolley.

SUBMITTED, in original, to the Chief Engineer and Secretary to Government, Department Public Works, with reference to his order, dated 15th August 1873, with a remark that the District Engineer does not endorse Mr. Grainger's recommendation. Mr. Woolley's rates appear too high even supposing iron is 50 per cent or 75 per cent. higher than in 1870.

*Proceedings of the Madras Government, Public Works Department,
7th October 1873.*

2. Moreover the District Engineer not long since found Mr. Woolley charge

* Contents—
62½ measures.

him Rupees 12-8-0 for a cask* of Portland cement which was obtainable

equally good of Messrs. Oakes and Company for Rupees 6-8-0, in casks containing forty-five measures.

(Signed) J. GODDARD, Lieut.-Colonel, R.E.,
District Engineer, Presidency.

No. 117.

ORDER THEREON, 7th October 1873, No. 2,463.

ACCOUNT, No. 9.

His Excellency the Governor in Council authorizes the purchase of the 1½ inch piping of both kinds, at Mr.

Woolley's prices; which include, it is observed, delivery at Bangalore, where they will be stored.

2. The General Superintendent of Public Works Stores is authorized to offer Mr. Woolley 7 Annas and 12 Annas, respectively, per running foot of 1¼ inch piping, plain and galvanized, delivered at the Workshop, where they will be stored. Compliance with this offer is involved in acceptance of the 1½ inch piping.

3. The offer of the cart is declined.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Inspecting Engineer for Buildings.

" District Engineer, Presidency.

" " Bangalore.

" Officiating Controller of Public Works Accounts.

Exd. W. H. French.

Spare Copies.

No. 921

OFFICE OF THE INSPECTING ENGINEER
FOR CIVIL AND MILITARY BUILDINGS,
Chepauk, 9 August 1873.

From

The Inspecting Engineer,
for Civil and Military Buildings

To

The Secretary to
Government P.W.D.

Sir,

The District Engineer of Bangalore
has received from Mr. R. Woolley a list
of iron piping and other things that he
wishes to dispose of and has suggested
that the following articles be purchased
and kept in store as they may be found
useful in extending the Ulloor water
supply.

870 feet of $1\frac{1}{2}$ " galvanized iron piping
at $14\frac{1}{2}$ annas a foot = Rs 788-7-0.

750 of $1\frac{1}{2}$ inch iron piping not galvanized,
at 10 annas = Rs 468-12-0.

700 of $1\frac{1}{4}$ inch at 9 annas = Rs 378-12-0.

354 feet of $1\frac{1}{4}$ inch galvanized iron piping
at $12\frac{1}{2}$ annas a foot = Rs 276-9-0.

2. The prices of plain wrought iron
piping at the Public Works stores are for

the $1\frac{1}{2}$ inch 7 annas and for $1\frac{1}{2}$ inch
6 annas 2 pieces a foot but the quantity
in stock is only 150 feet of the former
and 190 feet of the latter. Mr Woolley
has also offered for sale, for 250 Rupees,
a cart made expressly for carrying
large beams of timber.

3 A large quantity of galvanized
wrought iron piping has been laid in the
Parade barracks, and I now request
the sanction of Government for the purchase
of the quantity offered of $1\frac{1}{2}$ inch. I
think that will be sufficient for the
present. Mr Woolley's price includes carriage
to Bangalore. I also beg to recommend
the purchase of the cart.

I have the honor to be,

Sir,

Your Most Obedient Servant

E A Ford Colonel R.E.
Inspecting Engineer for
Civil & Military Buildings.

No. 129 Public Works, San Francisco
Chester, 18th August 1873

Chief
The General Superintendent
Public Works and Water
Co
The District Engineer
Residence

With reference to the Chief Engineer's
Order in letter from the Subordinate
Engineer for Civil and Military Buildings
forwarded to me for perusal, I have
the honor to state that there is no
demand at present for the Pipes
ordered by Mr. Woolley for the
District for Pipes for the General Water
Project has been paid, with from the
P.W. Store, and the balance will be
supplied by the Cheaper Workshop.

In the estimate of requirements
for the year 1874-75, submitted from
District Engineer, I see no entry
for Pipes.

On reference to the latest Engineer's
Price List in my possession, I find
the rates for Pipes quoted as follows:-
1 1/2" Galvanized I. P. per foot 1.00
1 1/4" " " " " 84 per foot 1.00

No. 129 Public Works
No. 129
18th August 1873

From
The Inspecting Engineer
for Buildings.

To
The Secretary for Government
P.W. Department

Dated
18th August 1873.
Reed. 12th

P.W. 4895/73.

I enclose the document
of Government for the purchase
of quantities of 1 1/2" galvanized
iron pipe, and
forward for sale by Mr. Woolley
as the District Engineer
of San Francisco, that
they may be from the
insubstantial. Please

San Francisco 12-8-73
Reed. 12-8-73

Referred to the General Superintendent
of P.W. Department, through the
Secretary, District Engineer, for as they report
whether the prices of the piping are quoted
are such as to render it undesirable to
purchase the same more often, or
whether, with reference to present prices
at home, the usual course of in-
vesting our surplus funds better
be referred to. It is not understood
that piping is immediately re-
quired anywhere but for the water
works at San Francisco.

Wm. Woolley
Chief Engineer
P.W. D.

1 1/2" Galvanized 8. d. 11 oct 1/4. per foot
 1 1/4" " " 3 or 5. 11 per foot
 delivered at the work.

Mr. Woolley's rates are for
 1 1/2" Galvanized 8. d. 11 oct 1/4. per foot
 1 1/4" " " 3 or 5. 11 " "
 1 1/2" test Galvanized 10 " "
 1 1/4" " " 9. " "

The regular rates quoted by me are
 for 1878, while the present rates for
 through the Canal Company received
 is about 25 and 30 per cent over
 the prices of last year and comparing
 Mr. Woolley's rates to the prices now
 obtaining, I think that it would
 be advantageous to close with Mr.
 Woolley's tender.

The above pipes, however, are
 of such useful sizes that they could
 be utilized for Gas, Steam, and
 Water work; and although there
 is no present demand for the pipes,
 yet the reputation crop up so
 suddenly, as to render immediate
 compliance proper, either from the
 P.M. Class, or from the local
 market.

It appears that the District
 Engineer anticipates an extension
 of the Ulster Water Supply Project,
 and the Committee of Engineers
 also notes that a large quantity
 of Galvanized wrought Iron
 Pipes

114
 Pipe has been laid in the Roads
 Bonaville, and as any damage
 to them Pipe cannot be readily
 replaced in the absence of other
 stock in the area, I beg to suggest
 to recommend that the purchase
 of the Pipe offered by Mr. Woolley
 may be sanctioned.

A small quantity of Gal. Pipe
 in stock in the P.M. Class was
 obtained principally for use of the
 Engineer.

The present time, however,
 chiefly, for the purpose of
 that it is in contemplation to
 lay Pipe for carrying water to
 the present P.M. Class, and if this
 scheme proves the quantity of
 Galvanized Pipe in question
 will be at once brought into use.

The District Engineer, I fear, is too
 heavy, and as the Chair is too
 large a number, it is to be regretted
 that, I do not think it
 advisable to purchase the Pipe offered
 by Mr. Woolley.

I have the honor to be Sir
 your most Obedient Servant.

J. J. Murphy
 Civil Engineer & Master Workman

2222

Thanks, the
kindness and interest
of the subscribers
for cards by Mr
Spalding are great.
The caution of their
friends have

1) Admission to the class

Exposure taken by Capt. Spots - with no instruments
 Naked - 15 Sept 93. wind as before
~~16 Sept 93~~

we are that the best hope does not reside in foreign governments. The "Hollands" make a fairer, too high, even confidence, even as it is. It is not of better than the 1870-

However, the best of your nothing
will find in the charge from N. H. & O.
for a note of Portland Council which was
transmitted shortly past of paper to the
for N. H. & O. in case containing the same

The Year

11-11-1919

100

Highgate Beach

1891

1873 Report
No. 2077

From. No. 4895.
The Dist Engineer
Guzerat

To
The Chief Engineer
West to Fort
Dmr

Dated 23 Sept 1873

Encl. No. 263. 7 Sept 1873.
In submission
original a letter from
the Genl Supt of M. S. S.
with a remark that the
Dist Engineer does not
endorse Mr Lyman's
recommendation for the
purchase of pipes
offered for sale by
Mr. Woolley as his
rates appear too high.

Sept 16
sent to Col. 9 Sept 73

Pro of the Madras Govt

Read the following:-
From the Eng. Supt. to the Dist Engineer (P. H. No. 263 of 9 Sept 73)
From the Dist Engineer (P. H. No. 2077 of 7 Sept 73)
Presidency 35 Sept 1873

His Excellency
the Governor in Council
authorizes the purchase
of the 1/2 inch piping of
both kinds, at Mr. Woolley's
prices, which include,
it is observed, delivery
at Bangalore, where
they will be stored -
The General

Superintendent of
Public Works Stores
is authorized to offer
Mr. Woolley & Annas
and 12 Annas respect-
ively per running foot
of $1\frac{1}{2}$ inch piping, plain
and galvanized, delivered
at the Workshop, where
they will be stored.
Compliance with this
offer is involved in
acceptance of the $1\frac{1}{2}$
inch piping.

The offer of the
Cart is declined -
G.M.W.

36
Mr. Engr Boss
at Engr Presider
see Bar-galanc

Controller

S.C. dated 15/10/73

7024471 & 4895
Govt. of 1873 Madras.
PUBLIC WORKS.

The Inspector General
for Railways

Date

Recd.

Ans.

G. O. 7th Oct 1873, No 2460

No. 115 C 118

Piles Secured in

Structure for the purpose

of raising the

Mr. T. T. T. T.