Public Works (1898) Department.

G.O., No. 1114 W.

DATED 4th May 1898

[Despatch Abstract.] with remarks

Ferro-prussiate paper, Sanctioning {the three applications for the local purchase in each case of 3 rolls of — required for use in the Kistna Northern Dn.

Dr 4.5.98

Indexed. 2/5

[P. W. 25. / 1,000—2-3-98]

Esq., the Supdg. Engr. II Circle submitted three applications for sanction to the local purchase, in each case, of 3 rolls of ferro-prussiate paper required for use in the Kistna Western division. It was stated that ~~that~~ the paper supplied from the Stationery office gave unsatisfactory results, and that to meet urgent requirements, other paper was purchased from Messrs Thacker & Co of Bombay. Samples of plans drawn on the paper supplied from the Stationery office, & on that obtained from Thacker & Co were forwarded, the former comparing unfavourably with the latter.

The Supt. of Stationery on being asked for remarks as to the alleged inferiority of the paper obtained through his agency, forwarded a specimen plan produced by the Supt. of Works Lt. House division on paper supplied from his office, the result being to all appearance excellent. This plan was sent to the Ex. Engr. Kistna Western division for explanation as to why the plans produced by him on [illegible] paper were [illegible] He has [illegible]

was

[illegible]

[illegible] for

[illegible]

plans

his prints

were

[illegible] - He

[illegible] the obvious

being to

[illegible], if specimen

[illegible] to be pre-

plans [illegible] paid for printing the value of the process is greatly reduced. His contention is that he can obtain good prints

Please [illegible] that Reg. 4 S&G has been [illegible]

(G. R. 1114 [illegible])

4. S&G [illegible]

File [illegible]

returned [illegible]

[illegible] 13/6/88

Noted [illegible] 14-4-88

Light-House Wn. Marks.

D7

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Da

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

P.W. DEPARTMENT.

B

Papers to be read in Proceedings :—

189 , No.

Again G.O., dated 189 , No.

Again G.O., dated

Current No. 7385 of 1897, dated 24-7-97, from the S.E. II circle
" " 8125 " " 13-8-97 " do
" " 8335 " 1897 " 20-8-97 " the Supdt of Stationery
" " 8758 " " 27-8-97 " do
" " 8921 " 1897 " 6-9-97 " the Supdg Engr II circle
" " 9837 " " 1-10-97 " do
" " 9867 " " 4-10-97 " do
" " 826 " 1898 " 27-1-98 " do
" " 1630 " " 21-2-98 " the Supdt of Stationery

ORDER.

N-1114 W 24-5-98

J.S.H. 28.4.98

The three applications submitted by the Supdg Engr II circle for the local purchase, in each case, of 3 rolls of Ferro-prussiate paper required for use in the Kistna Northern division are sanctioned.

2. It will be seen from G.O. No 191 Civil dated 28th February 1898, that in future, non-sensitised paper may be obtained and sensitised locally whenever required.

+ G.O. No 1094 W of 2 May 1898 (Current No 2831) (flag C)

25.4.98

W

To the S.E. II circle, with 4 plans returned
" Genl P.W. acct, with 3 applications for info & return
" Supdt of Stationery, with specimen plans & roll of sample paper returned.

25/5/98

Note – With the letters read at the head of the above draft G.O.

P. W. 4.
500—27-4-98.

27/4/98

from ordinary tracing
Thacker & Co's paper
he cannot obtain the s
result from the Stationer
Office paper, & he attri
this to the latter bein
probably kept in store
for a long period. He
thinks it would be
economical to authori
Officers to purchase su
paper from private fi
in quantities sufficient
to meet immediate re=
quirements.

The Supdt. of
Stationery considers the
local purchase would
be objectionable, & he
quotes an instance in
which paper had to be
returned to Messrs Thack
& Co three times on
account of its bad
quality. The paper
is easily damaged by
exposure to light or

to climatic changes, &
it is probable that
the supplies sent to the
Kistna northern div=
from the Stationery Office
suffered in transit, or
in being unpacked.

The whole matter
is however virtually
settled by G.O. Fin.
No 191 of 25.2.98,
which authorises officers
to obtain non-
sensitised paper, &
to sensitise it locally when
required — this will
probably meet all
requirements.

It is proposed
now to sanction the
local purchases made
by the Ex. Engr. Kistna
northern div. last
year. The paper
was obtained from

Bombay to turn out copies of plans which were urgently required, when the Stationery Office paper could not be properly manipulated. The items have been under objection for many months. The amount involved is

Rs 106.12.8

W 20.4.98

Seen A.G.H

Public Works (1898) Department.

CURRENT No. 1630

Order

From The Superintendent of Stationery Madras

No. 283

Dated 21st February 1898

Received } 22.2.98
Registered }

Enclosures 11 + (7 Ferro prussiate papers)

Spare copies

SUBJECT.

Ferro Prussiate Paper.

Reporting on the — — supplies to the Executive Engineers Kistna Western Division and recommends that non sensitized papers may be obtained and sensitised locally by the Officers themselves whenever required

o.L.S.49

BACK PAPERS.

No.	Date.
710 C	8-2-98
5105 C	29-11-97
126 W	18-1-98
5106 C	29-11-97
3806 C	9-9-97
3665 C	26-8-97
3592 C	23-8-97
3391 C	2-8-97
3345 C	27-7-97
1915 C	3-4-97
563 W	2-3-94
4022 C	29-11-93
2743 C	1-6-97
1622 W	14-6-97
1449 W	31-5-97
2296 C	30-4-97
724 W	12-3-97
2027 W	14-7-96
2543 C	15-6-96
2255 C	15-5-96
1634 C	23-3-96
563 W	2-3-94
4022 C	29-11-93

FURTHER PAPERS.

No.	Date.

No. 5105 C

Government of Madras.

Public Works DEPARTMENT.

MEMORANDUM.

Dated Madras, 29 Nov 2 1897

No 1183 K.N. dd 24.7.97
" 1401 K.N. do 13.8.97
" 1631 K.N. do 6.9.97
" 1816 K.N. do 1.10.97
" 852 K.N. do 4.10.97

With reference to the letters from the Superintending Engineer II circle quoted in the margin, the undersigned has the honour to forward copy of a letter from the Superintendent of Stationery No 1505 dated 20th August 1897, and to request that full explanation may be submitted by the Executive Engineer, Kistna Northern division, as to the difference in the results obtained by himself and by the Executive Engineer Light House division in printing from the ferro-prussiate paper supplied by the Superintendent of Stationery.

2. The sample print by the Executive Engineer Light House Division and the specimens forwarded by the Executive Engineer, Kistna Northern division are re-enclosed with the request that they may be returned with the Supdg Engineer's reply.

3. Meanwhile sanction to the three applications for local purchase must be deferred.

(Sd) W. B. de Winton
Ag. Secretary to Government
P. W. D.

To. The S.E. II Circle with copy of letter from the Supdt of Stationery, one print from the L. H. Dn & two rolls of prints received from the II Circle

P. W. 41.
1,000—14-10-97.

Copy of a letter from Captain W. M. Ellis
R.E. Executive Engineer Kistna Northern
to the Superintending Engineer, II circle.
No 665 S.E dated 18th Jany - 98.

Your endorsement 2675 K.N dated 2-1-98 on Chief Engineer's memo 5-105-C of 29th November 97.

I beg to make the following remarks:—

1. That the ferro type print by the Executive Engineer, Light house Division is taken from a plan specially drawn for printing. The plan specially prepared for printing is made without any fine lines and with heavy block printing etc. Such a tracing is unsightly; only suitable for use as a medium from which to print. The plan from which my prints are made is an ordinary tracing.

2. The whole object of the process is to save labour. If a special tracing has to be prepared before printing its value is very much less than if a serviceable print can be made from any ordinary tracing which is in good condition.

The

The print of the Executive Engineer, Light house Division is undoubtedly a good one and I think it probable that the paper used was not of the same batch as that used by me.

The defective prints sent by me were from paper received in my office from the Stationery Department on 27th August 97 and printed on 21st Sept 97.

The Superintendent of Stationery will no doubt be able to ascertain if this was the same batch of paper from which the Executive Engineer Light house Division took his prints.

It is further not improbable that the printer may be more skillful in the office of the Executive Engineer, Light house Division.

3. My contention, however is, that I can get a serviceable print from an ordinary tracing on the paper supplied by Messrs Thacker, whereas the print from the same tracing taken by the same man on the same day from the Government paper is so indistinct as to be almost useless. Further that the same result has been almost invariably found for the last 2½ years during which the process has been in use in the Kistna Northern Division office. The paper from Messrs Thacker & Co on which the good prints were made was received in my office on 5·8·97 and printed on 21·9·97.

It is bad economy to use the Government paper under such circumstances.

4. I may mention by the way that on one occasion a roll of paper was received from Messrs Thacker which gave prints similar to those complained of. This was returned and replaced by Messrs Thacker with an apology for sending such paper.

5. The Government paper is probably stored for a much longer time before issue than that of the private firm — probably it is just as good when first made. Further when the paper spoils, the private firm takes the loss should the paper go bad

while

while on their stock; if Government stock it, Government must bear this loss – consequently it appears probable that it would be economical to authorise the local purchase of such paper by Officers requiring it from private firms in quantities only to supply immediate requirements.

6. I have spoken on the subject to the Executive Engineer, Kistna Eastern Division who authorises me to say that when in Cuddalore he personally tried printing from the paper supplied by Government but the results were similar to those obtained by me.

No. 231 K.N.
27.1.98

Office of the Supdg. Engineer
II Circle
Bezvada 98.

Forwarded to the Chief Engineer P. W. Department with reference to memo No. 5105.C dated 29th November 97.

Encl 5
Blue Copies sent separately

Executive Engineer,
for Supdg. Engineer 2nd Circle

R.D. 26/1/98

Public Works (1898) Department.

CURRENT No. ~~826~~ 3.3
1630/98

906
8/2/98

From The Superintending Engineer II Circle

~~**Order**~~ Endt. No. 710 C d/ 8 Feby 98

Referred to the Supt. of Stationery, with reference to his letters No. 1505 dated 20th August & No. 1563 dated 27th August 1897, for favour of any further remarks which he may desire to offer, more especially with respect to the comparison made between the paper supplied by his Dept. & that obtained from Messrs. Waller & Co., and to the proposal that the paper should be purchased locally when required.

2. A copy of this office memo. No. 5105 C d/ 29-11-97 accompanies.

Offg. Asst. Secy. to Govt. P.W.D.

No. 231 K.N.

Dated 27 January 1898
Received } 31.1.98
Registered }
Enclosures 5
Spare copies

SUBJECT.

Ferro Prussiate Paper
Reporting about the

This matter must be disposed of sharp as sanction to local purchase is deferred till then.

STATIONERY OFFICE
No.
8-FEB.1898
MADRAS.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 100

STATIONERY OFFICE,
Madras, 26 January 1898.

From

J. N. Atkinson Esqr. I.C.S.
of SUPERINTENDENT OF STATIONERY,

To

THE Chief Secretary to Government
Financial Department.

SIR,

With reference to Government Order No 1173 dated 1st September 1897 communicating for remarks Memo No 3345 C dated 27th July 1897 from the Public Works Department on the subject of Heliographic printing and G.O.R. No 1692 dated 29th December 1897, I have the honor to report as follows:—

2. With reference to G.O. No 153 Financial dated 22nd February 1894 the plant and other materials required for Heliographic printing were obtained and supplied to the marginally noted officers who had indented for them. From the reports received which are only from a few of the above officers it

Chief Engineer for Irrigation, Madras
—— Do —— Do Tank Restoration Scheme
Superintending Engineer 1st Circle
—— Do —— 4th Circle
—— Do —— 6th Circle
Executive Engineer Godavari Western Dn.
—— Do —— Eastern — "
—— Do —— Vizagapatam
—— Do —— Ganjam
—— Do —— Kistna — Northern
—— Do —— Do —— Western
—— Do —— Nellore
—— Do —— Salem
—— Do —— Coimbatore
—— Do —— West Coast
—— Do —— South Arcot
—— Do —— Madura
—— Do —— Trichinopoly
—— Do —— Tinnevelly
—— Do —— Bangalore Water Supply
—— Do —— Light House Dn. Madras.

2,000—8-7-93.

it will be observed that except in the Kistna Northern Division Office the Heliographic printing process was not much used partly owing to their being no necessity for taking a large number of copies of plans and partly to the inferior quality of the materials supplied.

Principal College of Engineering

General Supdt P.W. Stores

3 It is admitted on all hands that the process saves much labour when a large number of Copies of a plan is required to be taken and I agree with the Chief Engineer for Irrigation in thinking that the plant and materials should be supplied to all the Divisional Offices although there may be no appreciable financial saving in all cases. Many of the Divisional Offices have already been supplied with them and the 17 sets which are still in stock may be issued to the remaining Divisional Offices.

4 In the above sets of apparatus which have been received from England the gutta percha-lined wooden troughs are slightly cracked and similar defects seem to have prevented some of the Officers from trying the process. If these cannot be repaired departmentally fresh troughs will have to be obtained and supplied.

5 As regards sanctioned paper

ll of Ferro-prussiate and

and 126 rolls of Ferro-gallic paper in store. Of these 6 rolls of the former and 7 of the latter are apparently damaged. The condition of the remaining paper cannot be ascertained unless and until the cases are broken and the paper taken out for use. The paper is enclosed in tin rolls which are again packed in tin-lined wooden cases. As the paper is liable to be affected by exposure to light the cases are not opened until the paper is actually required for issue. It was received in the years 1895 and 1896. Though carefully packed and preserved the paper is liable to deteriorate from climatic influences. Under these circumstances I would recommend, as suggested by the Executive Engineer Tanjore Division that non-sensitized paper may be obtained and sensitized locally by the Officers themselves whenever required.

I have the honour

(Signed) J. N. Atkinson
a/Supdt of Stationery

(True Copy)

for Superintending Engr

Stationery Office,
Madras 21 February 1898.

No. 283

From

J.N.Atkinson Esq. I.C.S.,
Ag. SUPERINTENDENT OF STATIONERY,
MADRAS,

To

The Secretary to Government,
Public Works Department.

SIR,

With reference to your endorsement No.710 C dated 8" February 1898 on the Second Circle Superintending Engineer's No.251 K.N dated 27" January 1898, I have the honour to state that the Ferro-prussiate paper supplied to the Executive Engineer Kistna Northern Division as advised in this office letters Nos.1505 & 1563 dated 20" & 27" August 1897 respectively, was from the same batch of paper as that supplied to the Executive Engineer Light House Division Madras. The difference in the copies of plans taken by the above two officers on the same kind of paper, is probably due, as surmised by the Executive Engineer Kistna Northern Division, to the difference in the preparation of the original plan used or to the want of proper skill on the part of one of the printers.

2. With regard to the local purchase of the paper, I have to point out that the practice is objectionable. It is, moreover, doubtful whether good paper will be procurable locally whenever required, as last year sensitised

paper

paper had to be obtained from Messrs. Thacker Spink & Co., for the Executive Engineer Light House Division and returned to them three times on account of its bad quality. The Executive Engineer Kistna Northern Division himself admits that on one occasion he also had to return the paper obtained from the same source. I would therefore recommend as already done in my letter No.100 dated 26" January 1898 to the Chief Secretary to Government, Financial Department (Copy enclosed) that non-sensitised paper may be obtained and sensitised locally by the officers themselves whenever required.

I have the honor to be,
Sir,
Your most obedient servant,

J. H. Atkinson
Ag. Superintendent.

KR

C/ No 5105 C dt 29.11.97

5106 C below

P.W.D.

Memo.

No 1183 K.N. dt 24.7.97
" 1401 K.N. dt 13.8.97
" 1631 K.N. dt 6.9.97
" 1816 K.N. dt 1.10.97
" 1852 K.N. dt 4.10.97

With reference to the letters from the Supdg. Engr. II Circle quoted in the margin, the undersigned has the honour to forward copy of a letter from the Supdt. of Stationery No 1505 dated 20th August 1897, and to request that full explanation may be submitted by the Ex. Engr. Kistna Northern Divn. as to the difference in the results obtained by himself and by the Ex. Engr. Light House division in printing from the ferro-prussiate

9/12/97

paper supplied by the Supdt. of Stationery. –

2. The sample print by the E. E. 1st Home division, and the specimens forwarded by the Ex.-Engr. Kistna Northern division, are reenclosed, with the request that they may be returned with the Supdg. Engr's reply. –

3. Meanwhile, sanction to the three applications for local purchase must be deferred.

26.11.97

To the S. E. II Circle,

with copy of letter from the Supdt. of Stationery, one print from the Ex. E. H. Dn., & two rolls of prints received from the II Circle.

7/12/97

[4 / 500-14-10-97.]

853/13

DEPARTMENT.

Papers to be read in proceedings :—

in G.O., dated 189 , No.

ain G.O., dated 189 , No.

urrent No. 7385 of 1897, dated 24-7-97, from the S. E. II Circle
" " 8125 " 1897, " 13-8-97, " — do — do —
" " 8335 " 1897, " 20-8-97, " the Supdt. of Stationery
" " 8758 " 1897, " 27-8-97, " — do —
" " 8991 " 1897, " 6-9-97, " the Supdg. Engr. II Circle
" " 9837 " 1897, " 1-10-97, " — do —
" " 9867 " 1897, " 4-10-97, " — do —

ORDER.

With his letters above recited, the Supdg. Engineer II Circle submits three applications for sanction to the local purchase in each case, of 3 rolls of Ferro-prussiate paper required for use in the Kistna Northern division. It is stated that the paper supplied from the Stationery office gave unsatisfactory results, and that to meet urgent requirements, other paper was purchased from Messrs. Maclure & Co of Bombay. – Samples of plans drawn on the paper supplied from the Stationery office, & on that obtained from Messrs Thacker & Co. have been forwarded, the former comparing unfavourably with the latter.

2. The Supdt. of Stationery forwards a plan produced on paper supplied from his office, by the Supdt. of Works Light House division, the result being excellent. This points to some defect in the manipulation or storage of the paper in the [illegible] Northern division, for, as remarked by the Supdt. of Stationery, all sensitised papers are liable to be easily spoiled by climatic changes, or from want of care in preserving them.

3. The purchases reported by the Supdg. Engineer having already been made, the three applications are sanctioned, but the Govt. must observe that as ferro-prussiate paper was available in the Govt. Stores, local purchase should not have been resorted to without prior sanction.

4. The cost of three rolls purchased from Messrs Thacker & Co was Rs 50, while the Supdt. of Stationery reports that the cost of the same quantity of paper obtained through the India office is Rs 22. The Govt. was thus put to a loss of Rs 28 on each of the three occasions [illegible] Supdg. the [illegible] division must i[illegible] future conte

himself with the paper supplied by the Supt. of Stationery, & he should consult the Supt. of Works Lt. House Divn. as to how it should be preserved in store.

5. In P.W. memo No. 3342C dated 27th July 1887, to the Finance Depart. it was suggested that the Supt. of Stationery should be instructed to obtain paper of the best quality to insure the production of clear & durable prints, and it is hoped that future supplies from England will give no cause for complaint.

To the S.E. II Circle
with plans returned
" [illegible], with
3 applications for cuts
& returns.
" S. of W. Lt. H. Dn. for
information.
" Supt. of Stationery
with Specimen plan. + & roll
of sample paper returned.

+ This
with

Public Works (1897) Department.

CURRENT No. 9867

From J. E. Paul [illegible]
Offg. Supdg. Engr.
II Circle

Order

No. 1852 K.N.

Dated 4 October 1897
Received
Registered } 6-10-97
Enclosures 4
Spare copies

SUBJECT.

[illegible] [illegible] [illegible]
for K. N. D. Reservoir
the local purchase
of certain quantity of

BACK PAPERS.

No.	Date.
3806 c	9 · 9 · 97
4 papers marked on the back.	

FURTHER PAPERS.

No.	Date.

Public Works (1897) Department.

CURRENT No. 9837

Order

From J. E. Paul Esqre.
Offg. Supg. Engr
II Circle.

No. 1816 K.N

Dated 1 October 1897
Received }
Registered } 5-10-97
Enclosures 2 4
Spare copies

SUBJECT.

Ferro-prussiate paper. Informs that the sanction to the local purchase of - as per statement al-ready sent, is still required.

8991

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

(a)

Public Works (1897) Department.

SUPG. ENGINEER'S OFFICE No. .... 13 SEP. 97 SECO...

STATIONERY OFFICE No 5179 24 AUG. 1897 MADRAS.

CURRENT No. ~~8125~~ 5.2
~~8758~~ 8837 /97

No. 3592 C of 23d August 1897

~~Order~~ Endt.

Referred to the Superintendent of Stationery for favour of remarks.

2. The undersigned will be obliged if the "estimated cost if obtained through the India Office" can be inserted in the Statement.

J. McI. Campbell Colonel R.E.
Secy to Govt. P.W.D.

From
Major W. L. C. Baddel
Supg Engr 2nd C

No. 1401 K.N

Dated 13 August 1897
Received
Registered } 16. 8. 97
Enclosures
Spare copies

SUBJECT.

Ferroprussiate paper required for Kistna Northern Dn. urgently. Recommends sanction to the local purchase of 3 rolls.

0L5391
R 20/8

BACK PAPERS. FURTHER PAPERS.

BACK PAPERS.

No.	Date.
3391C	2-8-97
1622W	14-6-97
1449W	31-5-97
2296C	30-4-97
724W	12-3-97
2027W	14-7-96
2543C	15-6-96
2255C	15-5-96
1634C	23-3-96
563W	2-3-94
4022C	29-11-93

FURTHER PAPERS.

No.	Date.

Stationery Office,

Madras, 27th August 1897.

No. 1523

From

J. Thomson Esq. I.C.S.,
Ag. SUPERINTENDENT OF STATIONERY,
MADRAS,

To

The Secretary to Government,
Public Works Department.

SIR,

With reference to your endorsement No. 3592 C dated 23" August 1897, on letter No.1401 K.N. dated 13" idem from the Superintending Engineer II Circle, (herewith returned), I have the honor to invite your attention to my letter No.1505 dated 20" August 1897, and to inform you that the 3 rolls of Ferro-prussiate paper therein referred to were despatched by rail to the Executive Engineer, Kistna Northern Division, Bezwada on the 24" instant.

3665 C
26.8.97

2. The estimated cost of the paper, if obtained through the India Office, has been inserted in the statement.

I have the honor to be,
Sir,
Your most obedient servant,
JThomson
Ag. Superintendent.

RR

Pws-3
5837/97

Public Works (1897) Department.

SUPG. ENGINEER'S OFFICE,
No. ....
13 SEP. 97
P. W. D.
SECOND CIRCLE.

CURRENT No. E-4 ~~8758~~
5837/97

No. 3806 C d/ 9th Septr 1897

~~Order~~ Endt.

Forwarded, in continuation of this office No 3665 C dated 26 Augt. 1897. to the Supdg. Engr II Circle for perusal & return, and for favour of report as to whether sanction to the statement is still necessary.

2. The difference between the local market-rate, & the price if obtained through the India office is very marked.

D. McW. Campbell Colonel R.E.
Chief Engr.

From J. Thomson Esqr. I.C.S.
Ag. Superintendent of
Stationery
Madras

No. 1563

Dated 27th August 1897
Received ~~21-8-97~~
Enclosures 2
Spare copies

SUBJECT.

Informing that the three rolls of Ferro-prussiate paper were despatched to the Executive Engineer, Kistna, Northern Division, Bezwada on the 24th instant.

O.S.
/88

4/9/97 R 8/9

BACK PAPERS.

G.O.	No.	Department.	Date.
	3665 C	PW	26-8-97
	3592 C	-	23-8-97
	3391 C	-	2-8-97
	1622 W	-	14-6-97
	1449 W	-	31-5-97
	2296 C	-	30-4-97
	724 W	-	12-3-97
	2027 W	-	14-7-96
	2543 C	-	15-6-96
	2255 C	-	15-5-96
	1634 C	-	23-3-96
	563 W	-	2-3-94

FURTHER PAPERS.

G.O.	No.	Department.	Date.

SUPERINTENDIND ENGINEER'S OFFICE,
SECOND CIRCLE, Bezwada

No. 1816 KN

Dated 1 October 1897

From,

J. E. Paul Esquire
Offg: SUPERINTENDING ENGINEER,
II CIRCLE.

To,

The Chief Engineer,
P. W. Department,
Madras.

Enclos: 2

Sir,

With reference to your No 3806 C d/ 9th Sep: 1897 herewith returned, I have the honour to inform you that Sanction to the statement is still required as the paper received from the Stationery Office is very inferior to that purchased from Messrs Thacker & Co and I find after comparing the two that the former is not good enough for the purpose required.

× with mo 8991 sent to S Aw on 13/9/97

I have the honour to be,
Sir,
Your most obedt. Servant,
J E Paul
Offg: Supg Engr

M.

Public Works (1897) Department.

CURRENT No. 8991

Order

From Major W. L. C. Baddeley R.E.
Supdg. Engineer,
II Circle.

No. 1631 K.N.

Dated 6 September 1897

Received
Registered } 8-9-97

Enclosures 3 2.

Spare copies

SUBJECT.

Ferro-Prussiate Paper.
Forwards letter from the Ex. Engr. K N Dn. reporting that m— recd: from the Stationery Office is inferior to that obtained from Messrs Thacker & Co.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Public Works (1897) Department.

CURRENT No. ~~7385~~ 501
8335/97

4780
3/8/97

No. 3391 C, dated 2nd August 1897. **From**

Major W. L. C. Baddeley R.E.
Supg. Engr. II Circle

~~Order~~ Endt.

Referred to the Supt. of Stationery for favour of remarks.

(Sd.) L. Campbell Colonel R.E.
Chief Engr.

C.E.

Urgent

STATIONERY OFFICE.
No
3 - AUG. 1897
MADRAS.

No. 1183 K.N

Dated 24 July 1897
Received } 26-7-97
Registered }
Enclosures 2
Spare copies

SUBJECT.

Ferro-prussiate paper — for R.N.D. — Recommends the local purchase of —.

O.L.S 332 R2/8

BACK PAPERS.

No.	Date.
1622w	14-6-97
1449w	31-5-97
2296c	30-6-97
724w	12-3-97
2027w	14-7-96
2543c	15-6-96
2255c	15-5-96
1634c	23-3-96
563w	2-3-96
4022c	29-11-93

FURTHER PAPERS.

No.	Date.

Stationery Office,

Madras, 20 August 1897.

No. 1505

From

J. Thomson Esq. I.C.S.,
Ag. SUPERINTENDENT OF STATIONERY,
MADRAS,

To

The Chief Engineer,
Public Works Department,
Madras.

SIR,

With reference to your endorsement No. 3391 C dated 2" August 1897 on Memorandum No.1183 K.N dated 24" July 1897 from the Superintending Engineer 2nd. Circle (herewith returned), I have the honor to forward herewith a + roll of Ferro-prussiate paper out of the stock in store. It has been tried by the Executive Engineer in charge of the Light House Division, Madras, and reported to give a good print as will be observed from the accompanying copy of a plan taken by him. Three rolls of this paper will be forwarded immediately to the Executive Engineer Kistna Northern Division to meet present demand. It is found by experience that all sensitised papers are liable to be easily spoiled by climatic changes or from want of due care in preserving them.

+ this large roll in the case has been retained at Madras.

I have the honor to be,
Sir,
Your most obedient servant,

Ag Superintendent.

SUPG. ENGINEER'S OFFICE
No. ....
3- SEP. 97
P. W. D.
SECOND CIRCLE.

PWS.2
8891/97

Public Works (1897) Department.

CURRENT No. ~~8335~~ E.3
8991/97

SUPG. ENGINEER'S OFFICE
No. 306
3- SEP. 97
P. W. D.
SECOND CIRCLE.

From The Superintendent of Stationery Madras.

No. 1505

Dated 20th August 1897
Received } 20.8.97
Registered }
Enclosures 6 (3 Hand 1 Roll of papers)
Spare copies

SUBJECT.

Ferro-prussiate paper–
Forwarding 1 Roll of–

C/ No. 3665 d/ 26th August 1897

Order

Forwarded to the Supdt. Engineer II Circle for perusal and favour of return. The paper supplied by the Stationery office to the Light house division appears to have been manipulated with excellent results. It should be reported whether the paper now forwarded by the Supdt. of Stationery to the Kistna Northern division is similarly satisfactory.

J. H. L. Campbell Colonel R.E.
Chief Engr.

(with 2 prints to be retained in S.E.'s office, & one print from stationery office to be kindly returned)

For orders. S.E. R. Note put on the new paper herewith

O.L.S. 406.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Letter from Captain W. M. Ellis, R.E. Exe: Engineer Kistna Northern Dn. to the Supg Engineer, 2nd Circle, d/ 2.9.1897, No. 384 S.E.

In continuation of this Office no 326 S.E. d/ 7.8.97, a further supply of Ferro-prussiate paper has just been received from the Stationery Office, Madras, and the printing qualities of the same are found, as in the previous cases reported, to be inferior in a marked degree to those of the paper purchased from Messrs: Thacker & Co, Bombay.

No. 1631 K.N.
6.9.97

Encls 2
1 E.W's Endt
1 Print
2

Forwarded to the Chief Engineer P.W.D. in reference to his No. 3665 C. d/ 26.8.97, herewith returned.

Major R.E.
Supdg Engr 2nd Circle

1. When did K Dn
obtain the paper
complained of?
2. Is it of the same
quality as that
supplied to Saly.
S A Dn -
If you don't know the
answers to these
questions please
ask for them -

25.8.97

W The first of the three applications is dated July 1897: but it is not stated when the Stationery office paper, described as inferior, was obtained from Madras -

However, since the S. E's enclt. was referred to the Supdt. of Stationery for remarks, the latter

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(1898) Department.

CURRENT No. 4894

From
E. A. Dennys Esquire
Exr. P.W. Accounts,
Madras & Coorg.

No. 703 A/A

Dated 8. June 1898.
Received }
Registered } 10.6.98
Enclosures ~~3~~ 2
Spare copies

SUBJECT.

Articles of European Manufacture — returns the lists of duly noted -

office reported in his le
No 1505 of 20.8.97 (
A) that he had
three more rolls to
Ex. Eng. Kistna W. D
that the sample fr
made by the E. E.
H. Dn. was from
same stock, and
forwarded one rol
to this office for in-
spection.

The Ex. Eng
K. W. Dn. acknow
receipt of these th
fresh rolls, be
reported that th
were of the same
quality as the
previously supplie
and gave equall
unsatisfactory
results.

Thus the sam
paper which gav
a good print i
Mr Ashpitel's ha
gave unsatisfac

Public Works (1898) Department.

CURRENT No. 4894

From E. A. Dennys Esquire
Ex. P.W. Accounts,
Madras & Coorg.

Order

Recorded with G.O.
No 1164 W of 4.5.98.

Cr
11/6/Ex

No. 703 A/A

Dated 8. June 1898.
Received } 10.6.98
Registered }
Enclosures 3 2
Spare copies

SUBJECT.

Articles of European Manufacture — returns the lists of duly noted.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

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ix A D: G.O no 724 W d/ 12.3.97

Stores manufactured in Europe but purchased in India under paragraph 3 of Government of India Financial Resolution No 185 d/ 10th January 1883.

Item No.	Description or class of Stores	Number or Quantity	Actual Cost in India			Estimated cost if obtained through India Office			Remarks.
			Average price or rate	Incidental charges &c	Total Cost	Average price or rate	Incidental charges &c	Total Cost	
1	Rolls of Ferroprussiate paper (Blue purchased from Messrs: Thacker & Co, Bombay)	3	32-4-0	2-8-0	34-12-0	Not known			Required urgently as the paper procured from the Stationery Department on which I was depending is found unsatisfactory. I enclose for inspection 2 Copies of the Same plan printed in a exactly similar manner from the Government paper and that supplied by Messrs: Thacker Bombay, Comment on these plans is unnecessary. As the matter is urgent, I have ordered the paper, /Sd/ W.M. Ellis, Capt R.E. Ex. Engr: Kistna Northern Dn.

Bezwada
15-7-97

No. 1183 KN
24.7.97

EXAMINER
P. W. ACCOUNTS
25 MAY 1898
No.

Ein 2

Forwarded to the Chief Engineer, P.W.D. for favour of obtaining the sanction of Govt: to the purchase of the article locally. The Supg Engineer would suggest that the supply of the paper through the Stationery Office should be discontinued.

Ex. Engineer
for Supg Engr: II Circle.
23/7/97

Ld
23/7/97

P.W.S. 2
~~8238/97~~
28544

Appendix A to G. O., No. 724 W., dated 12th March 1897.

Application for sanction to the local purchase of European Stores under paragraph 3, Appendix X, Vol. II, P. W. Code.

Description or class of stores.	Number or quantity.	Actual cost in India.			Estimated cost if obtained through the India Office.			Works for which the stores are required.	Clear and concise explanation as to why the stores could not have been obtained by indent on England.	Clause under which sanction is applied for.	Remarks.
		Average price or rate.	Incidental charges, carriage, &c.	Total cost.	Average price or rate.	Incidental charges, freight and exchange	Total cost.				
Rolls of Ferro prussiate paper (to be purchased from Messrs Thacker & Co Bombay)	3	48-0-0	2-0-0	50-0-0	Not known			For use in the Northern Division Office Kistna	A further supply has just been received from the Stationery Office & is found inferior in a marked degree to that of the paper purchased from this company vide sample prints attached taken from the same tracings	Clause 3rd of Vol II P. W. D Code Appx X para 3.	

No. 422 S.E.D. of 23-9-97. With 4 Blue copies.

Forwarded to the Supg Engineer II Circle for favour of obtaining sanction of Government to the local purchase which has been ordered in anticipation of sanction as the stock is almost exhausted.

250—13-7-97.

I certify that the articles enumerated in this application are not available in the Presidency Public Works Stores.

22.9.97
Captain R.E.
Executive Engineer
Kistna Northern Dn.

EXAMINER,
P. W. ACCOUNTS
25 MAY 1898
No..........

SUPG. ENGINEER'S OFFICE
No. 2049
24 SEP 97
P. W. D.

From
The Executive Engineer
Kistna Northern Div

To
The Supg Engineer
II Circle

No 4228 of 23-9-97

Enclo 4 Blue copies
sent separately

Subject

Ferro Prussiate paper

Forwarding a statement
for the Local
Purchase of —

No 1852 K.N. / 4.10.97 Enclo 4
Sent separately.

Forwarded to the Chief Engineer
P.W.D. for favour of Compliance

O.C.S.2
4884 / 25.9.97

28/9/97
Offg: Supg Engineer
2nd Circle

Appendix A to G.O. no 724 W of 12.3.97.

Application for Sanction to the local purchase of European Stores under paragraph 3 App Vol II, P.W. Code

Description or class of stores	Number or Quantity	Actual cost in India			Estimated cost if obtained thro: the India Office			Works for which the stores are required	Clear & concise explanation as to why the stores could not have been obtained by indent on England	Clause under which Sanction is applied for	Remarks
		Average price or rate	Incidental charges ~~&c~~ Carriage &c	Total cost	Average price or rate	Incidental charges freight & exchange	Total cost				
Rolls of Ferro-prussiate paper (to be purchased from Messrs. Thacker & Co. Bombay)	3	48	2	50	18-10-8 Not	3-5-9 Known	22-0-5	For taking copies of Munizyan Project plans.	Required urgently as the paper procured from the Stationery Dept: is found unsatisfactory Vide this Office no 278 S.E. of 16.7.97	Clause 3 of Vol II P.W.D. Code App X para 3	

(Sd) / W. M. Ellis, Captain R.E.
Ex Engr: K.N.D

No. 1401 K.N. / 13.8.97 Forwarded to the Chief Engineer P.W.D. for favour of obtaining the Sanction of Government to the purchase of the article locally.

2. Please see this Office No. 1183 K.N. of 24.7.97.

W.V. Bardsley
Major R.E.

EXAMINER,
P. W. ACCOUNTS
25 MAY. 1898
No..........

~~[illegible]~~

O. W. C. No: ၄၀၆၄၉/၉၈

No. 703 $\frac{A}{A}$ dated 8 June /98

To
W.

Noted and returned with reference to note at foot of G. O No. 1114 W dated 4th May 1898.

8/6/98
for C.

20
8/6/98

enclos (3)