

Number of Pages 24
Date of report 6-10-88
By [Signature] 4/14

P.W. 2

Go. no 3088 - w
of 16.11.1887

See [Signature]

16TH NOVEMBER 1887, No. 3088 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from H. R. GRIMES, Esq., Inspector-General of Jails, to the Chief Secretary to Government, dated Madras, 17th October 1887, No. 377:—

I have the honor to submit, for the sanction of Government, an estimate, amounting to Rs. 4,482, for providing wire-netting to roof ventilators of the blocks and for removing and renewing the present wooden palisading in the district jail at Madura.

2. A sum of Rs. 4,285 has been allotted in the budget estimate of the Department Public Works for expenditure during the current year on alterations to the above jail, and, as the works now estimated for are of an emergent nature, I would request that the above amount may be allotted for these works.

No. 851 R, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

FORT ST. GEORGE,
2nd November 1887.

(Signed) A. G. CARDEW,
Ag. Under Secretary.

ORDER—dated 16th November 1887, No. 3088 W., Public Works.

The estimate, amounting to Rs. 4,482, for providing wire-netting to the roof ventilators of the blocks and for removing and renewing the existing wooden palisades in the district jail at Madura, is sanctioned for execution when funds are available.

2. The value of convict labor included in the estimate amounts to Rs. 355.

3. This sanction has been registered as Provincial, No. 119 W. of 1887-88, and classified as Civil Buildings, Original Works.

(True Extract.)

Captain, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with four enclosures.
" Examiner, Public Works Accounts, with the duplicate general abstract estimate.
" Judicial Department.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1887) Madras
PUBLIC WORKS.

Dated November, 16th.

Recd.

Encl.

G.O., 16th Nov. 1887, No. 3088 W

NOVEMBER.

District Jail at Madura

Estimate of Rs. 4,482 for providing wire netting to the roof ventilators of the blocks and for removing and renewing the existing wooden palisades in the —, sanctioned.

9TH OCTOBER 1884, No. 2502 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From the Superintending Engineer, I Circle, dated 7th August 1884, No. 144 G.L.	
" " " II " " 27th June " " 257 N.L.	
" " " III " " 13th " " " 534.	
" " " IV " " 17th July " " 367 E.W.	
" " " V " " 18th June " " 1087.	
" " " VI " " 29th May " " 344 T.J.	
" Consulting Architect to Government, " 27th " " 301.	
Office note from the Examiner, Public Works Accounts, dated 9th Sept. 1884, No. 422.	

ORDER—dated 9th October 1884, No. 2502 W., Public Works.

In G.O., No. 1504 W., dated 25th April 1884, the decision of Government, that convict labor should be utilised on the construction of jails whenever practicable and should be given to this service without charge, was conveyed to officers of the Public Works Department. Subsequently, the Examiner brought to notice that, under the circumstances, definite rules should be laid down in regard to the sanction of estimates and the mode of accounting for the value of such unpaid prison labor. In this view he formulated certain draft rules which were circulated to the Superintending Engineers for opinions as to the suitability of the same.

2. After fully considering the Examiner's proposals and the opinions of the Superintending Engineers thereon, the Government determine to issue the following brief rules for guidance. These, it is thought, will sufficiently meet the practical requirements of the Public Works Department :—

- I. The estimate for jail works to be executed wholly or in part by convict labor, given without charge, will be framed at normal rates, and will be sanctioned for the full amount. It will be unnecessary to note thereon the value to be contributed by convict labor, as such value cannot be definitely known beforehand; but in applying for allotments for the work, it will be necessary for the Superintending Engineer, in communication with the Jail authorities, to base his demands for funds solely on the quantity of free skilled and unskilled labor that is likely to be required.
- II. When the work must be carried out by mixed gangs of ordinary and prison labor, the Public Works officer or subordinate in charge will ascertain at fixed intervals from the Jail authorities what convicts, skilled and unskilled, can be supplied for certain periods. Such periods may advantageously be synchronous with the usual departmental periodical returns of work. The convicts, on being mustered each day by their warders and marched to the ground, will be told off to suitable portions of the work by the officer or subordinate, who will endeavor, with the aid of the warders, to ensure that a reasonable amount of work is obtained from them. But he will keep no nominal muster rolls of these prison gangs, nor record their distribution against the different sub-heads. The Public Works staff will be responsible merely for the rolls and distribution of the free or ordinary skilled and unskilled coolies; for the accounting of materials, and for the efficient execution of the work.

- III. Measurements of outturn will be taken and recorded in the usual manner; and the normal value of each measured item, less the cash payments for or due to the ordinary free labor employed and for materials, will represent the value of the work done by the convicts.
- IV. When the work, or a distinct block or portion of the work, can be executed wholly by convicts, without the intervention of free skilled labor, the duty of the Public Works subordinate in charge will be confined to demarcating the work; supervising the details to ensure their being correctly carried out; and finally measuring up, valuing, and recording the work turned out. In such cases the account of materials issued by the department would be kept in part III of the daily report form, or in such other form as the executive officer in charge may find suitable.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

308
3

Govt. of (1884) Madras.
PUBLIC WORKS.

Encl.

OCTOBER.

III. The accounts will exhibit the actual quantity of work done, for comparison with the estimated quantity; and the cost incurred by the department compared with the reduced estimated cost arrived at after deducting the estimated value of convict labor. No initial accounts of convict labor need be maintained.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Judicial Department.

Ed. E. Fernandez.
Spare Copies

GENERAL
ESTABLISHMENT.

Govt. of 1885 Madras.

PUBLIC WORKS.

Dated March, 6th.

Recd.

Encl.

G.O., 6th March 1885, No. 508 W.

MARCH.

Convict Labor

Orders issuing rules in connection with the employment of unpaid — in the construction and repair of jails.

PUBLIC WORKS DEPARTMENT.

No. 3566 C., dated 19th October 1887.

MEMORANDUM.

Memorandum by the Chief Engineer, Public Works Department, dated 31st August 1885, No. 1968 D.

With reference to the accompanying extract from *The Engineer*, of 31st July 1885, please let me have your opinion as to the suitability of the "corrugated wire lathing" referred to for work, such as ceilings, partitions, &c., in Madras.

Office note from the Consulting Architect to Government, dated 1st September 1885, No. 830.

I saw the corrugated wire netting in England and thought it an admirable substitute for lath and plaster, and I think it deserving a fair trial in this country. Very little lathing, as you are aware, is executed.

Memorandum by the Chief Engineer, Public Works Department, dated 18th September 1885, No. 1524 C.

Copies of the above, and of the extract from *The Engineer*, are forwarded to the Superintending Engineer, V Circle, in view to the General Superintendent, Public Works Workshops, ascertaining direct from the manufacturing firm in England the price of corrugated wire lathing, and in what quantities it is sold, &c.

From the Superintending Engineer, V Circle, dated Bangalore, 20th November 1885, No. 3590.

With reference to your memorandum, No. 1524 C., dated 18th September 1885, I have the honor to forward an original letter from Messrs. Johnson, Clapham and Morris, of Manchester, giving the prices of their patent wire lathing, &c., together with a printed description and a model. It will be seen that an offer is made to supply 50 square yards free, to be paid for, however, if approved. I would recommend acceptance of the offer, as some good lathing, other than wood, which fails, as in St. George's Cathedral, is often wanted.

Memorandum by the Chief Engineer, Public Works Department, dated 26th November 1885, No. 1968 C.

The offer may be accepted.

2. The Superintending Engineer is requested to make the necessary experiments with the wire lathing on receipt, and report the result for information and orders.

From the Superintending Engineer, V Circle, dated Chepak, 7th October 1887,
No. 2763.

With reference to your memorandum, No. 1968 C., dated 26th November 1885, I have the honor to report that experiment was made with Johnson's patent galvanised wire lathing in the Presidency division.

2. The wire lathing was fixed to a wooden frame, representing a portion of a partition and a portion of a ceiling and plastered over in the ordinary way. The plaster has adhered well to the wire netting, and the experiment is, so far, satisfactory. A little difficulty, however, was experienced in putting on the plaster. The wire netting was similarly experimented with in Bangalore with plaster made of Bangalore stone-lime and with similar results.

3. The principal object of the wire lathing, as stated in the patentees' advertisement, is to afford protection, when fixed in position and plastered over, against fire to girders, &c., in buildings, so that the girders, &c., so protected will not, in case of a fire occurring, be influenced by the heat and give way under their load so soon as they otherwise might. For this object the wire lathing is not likely to come into requisition in this country where fires in buildings are of rare occurrence.

4. Plaster ceilings are seldom adopted in this country, and in such cases the ordinary wood (palmyrah) laths are used.

5. It seems questionable if the use of the wire lathing could be introduced with advantage either for ceilings or partitions unless it can be shown that the galvanised wire netting when plastered over will not deteriorate by being in contact with lime, as zinc, it is believed, combines with lime.

The foregoing papers are circulated to Superintending Engineers for information.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

To the Superintending Engineers,
Consulting Architect to Government.

Exd. J. Moses.

Current No. 8833

Letter No. 851 R

Dated the 2nd November 1887

From the Secy. to Govt. Judicial Dept.

NOTE OF REMARKS.

The estimate under
which amounting to
Rs 4482 provided wire
netting for the roof
ventilators of the Madras
District Jail and for
removing the existing
jalousies in -

A report accompanying
the estimate & the
rates are fair.

Cannist labour
appears to have
been deducted from
the estimate, this
should not be, only
a foot-note stating
the amount of Cannist
labour employed should
be made in the Est.
The amount of Cannist
labour employed

in this case is Rs 358.
which is included
in the amount of
the estimate given
above.

A report accompanying
the estimate
and the order are
given.

The estimate has
been countersigned
by the Inspector
General of Jails
and approved
in the judicial
report.

and
5/4/84

Sanction for the full
amount of the T-1.

At 4452

Wm

7.11.87

vide G.O. No 5084 d/6/3/85
para 1, & para 937 Mr. Loh

N. 344

Madras 14th October, 1884

Office of Sup^r Gen^l of Jails

From

Henry P. Guruswamy

Inspector General of Jails

To

The Honble H. E. Stokes

Chief Secretary to Government

Fort Saint George

Enclosed are, Sir,

estimate.

I have the honor to submit for
the sanction of Government an estimate
amounting to Rupees 4482, for providing
wire netting to roof ventilators of the
blocks, and for removing and renewing
the present wooden palisading in the
District jail at Madras.

2.

A sum

of Rupees 4285, has been allotted
in the Budget Estimate of the
Department Public Works for ex-
penditure during the current year,
on alterations to the above jail, &c
as the works now estimated for
are of an emergent nature. I

would

For - the work
is shown under
Class B works in
the Budget for
1887-88.

W

Wm

would request that the above amount
may be allotted for these works.

I have the honor to be

Sir,

Your Most Obedient Servant

Henry Hyman.

Inspector General of jails

2
1.3
10/10/17

8.40 No 236-10-2-87
 3386-17-12-86
 27-7-1-86

NO. 445

JUDICIAL

Jail (1887) Department.



2 Nov/87 No 831 R
 approved & transferred to the P.W.D.
 (by order)
 S. G. Casuar
 Dy Under Secy.

FROM
 THE INSPECTOR-GENERAL
 OF JAILS,
 Madras
 TO
 THE CHIEF SECRETARY
 TO GOVERNMENT.
 Fort St. George

Dated 17th October 1887.
 Received

No. 877

ENCLOSURE. 1

SUBJECT.

Submitting for the sanction of Govt an estimate amounting to Rs 4482 for providing wire netting to roof ventilators of the blocks & removing and renewing the present wooden palisading in the Dist Jail at Madras.

C. 3/10
 R. 2/11

Circ. 12-11-87

No 308

PUBLIC WORKS DEPARTMENT

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 11th November 1887

Read the following

From the Inspector General of Jails N. E. No 377 of 17th Oct 1887.
 Encl. therein the Jail Comd. N. E. No 831 R of 2nd Nov 87

The estimate amounting to Rs 4482, for providing wire netting to the roof ventilators of the blocks and for removing and renewing the existing wooden palisades in the District Jail at Madras, is sanctioned for execution when funds are available.

2 The value of convict labor included in the

estimate amount to
Rs 355/-

dist. at jail at road

3 This sanction
has been registered as
Prisonal No. 119 of 1887-88

and classified as
Civil Buildings, original
trunk.

12/11/87

7
18/11/87

Decd
29/11

1. The Sup. C. & J. W. C. C. C.
with 4 uniforms.

Exam. P. W. C. C. C.
with 4 uniforms.

Individual Dept.

Cu
R
12/11/87

12-11-87

12-11-87

8833

Govt. of Madras.

PUBLIC WORKS.

Dated

Recd.

Each

G.O. No. 16 Nov 1886 No. 3088w

District jail at
Madura

Estimate of Rs. 4482
for providing wire
netting to the roof
ventilators of the
blocks & for renewing
& securing the existing
wooden palisades
in the — — — — —