

11478

Public Works (1897) Department.

G.O., No. 7 W

DATED 4 January

[Despatch Abstract.]

Govt Brickfields masonry: Cancelling
the sanction accorded to two estimates
in connection with the —, in Co No 32694
of 14 Nov 1896.

Cancelling the sanction recorded to two estimates in connection with the — in G.O., No. 3269 W., dated 14 November 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following papers :—

From G. S. T. HARRIS, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chépák, 17th December 1896, No. 4631.

With reference to G.O., No. 3269 W., dated 14th November 1896, I have the honour to ask if the sanctioned estimate No. 105 W. of 1896-97 for constructing a corrugated iron roof over the Punjab kiln, amounting to Rs. 8,194, and the sanctioned estimate No. 106 W. of 1896-97, amounting to Rs. 7,092, for a similar roof over the lime kilns (both at the Government Brickfields) may not be reconsidered.

2. In the case of the Punjab kiln, the roof would be of use in wet weather in keeping off the rain, but I would point out that during the recent wet weather excavated places around the kiln have filled with water, and water has percolated from these places into the kiln, and this will probably be always the case, and it is doubtful if even with a roof over it, any operations could, during wet seasons, be carried out.

3. With an iron roof such as this, I am sure there will be great difficulty in keeping it in order. In the hot weather in such roofs, with only the sun attacking it, the rivets attaching the corrugated iron sheets to the frames keep snapping off. With the addition of the intense heat from the kiln just below, this will be much accentuated.

4. I would call your attention to the fact that no tracing of the uprights is allowed for; in a length of 376 feet cross tracing between some of the uprights should be inserted.

5. With regard to the lime kilns, there is no doubt that covered spaces between the kilns and over them would be of great use. But, with a span of 40 feet, the remarks made with reference to the Punjab kiln apply with more force; and with a spread of 8,000 square feet of roof, tracing through and through would probably be necessary.

6. I am submitting with this for your approval a drawing, in which is shown the spaces between the lime kilns arched in; the approximate cost of this arrangement will be Rs. 2,000, and could be rapidly put up with the bricks and lime in the spot and would be good cover for slaking and storing lime. If this is approved, its cost will be gradually recovered by debits to lime manufacture.

Note by the Chief Engineer, Public Works Department.

The following estimates were sanctioned in G.O., No. 3269 W., dated 14th November 1896 :—

(a) Erecting a shed with corrugated iron roofing over the Punjab kilns	Rs. 8,194
(b) Constructing a corrugated iron roof over the lime kilns	7,092

2. The present Consulting Architect gives reasons why the corrugated iron roofing over the Punjab kilns would be practically useless, and states that it is not worth while going to the expense of Rs. 8,194.

3. He also points out that the same arguments apply to the corrugated iron roofing between lime kilns, and suggests turning arches as per plan submitted. This will cost Rs. 2,000 against the original estimate of Rs. 7,092.

4. The undersigned does not think it advisable to spend any money on the brick and lime fields, in view to their being shortly handed over to private enterprise, and recommends that the estimates sanctioned in the Government Order quoted above be cancelled.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
23rd December 1896. Chief Engineer.

ORDER—No. 7 W., dated 4th January 1897.

The sanction accorded to the following estimates in G.O., No. 3269 W., dated 14th November 1896, is cancelled :—

(a) Erecting a shed with corrugated iron roofing over the Punjab kilns	Rs. 8,194
(b) Constructing a corrugated iron roof over the lime kilns	7,092

(True Extract.)

Under Secretary to Government.

To the Consulting Architect, with one plan.
„ Examiner, Public Works Accounts.

N^o 7 W of 4 "Jan'y 1897"

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

*From the Comdg. Architects to Govt. N^o: 4631 of 17 December 1896.
Note by the Chief Engineer P.W.D. of 23-12-96*

*The sanction accorded to
the following estimates in G.O. N^o:
3269 W of 14 November 1896 is can-
celled:-*

- (a) Erecting a shed with corrugate
iron roofing over the Punjab
Kilns ————— Rs. 8,194*
- (b) Constructing a corrugated
iron roof over the Lime Kilns. Rs. 7,092*

*7.9.96
25.12.96*

23/12/96

*T
B*

*To The C. A. with plans
- Esau. P. W. Secto*

2.15.1897

Cm

May

11478

In his letter the C.A. gives reasons why the corrugated iron roofing over the Punjab Kilns would be practically useless. & it is not worth while going to the expense of Rs 8794 under the circumstances explained.

The C.A. also points out that the same arguments apply to the corrugated iron roofing between lime kilns - & suggests turning arches as per plan submitted. This will cost Rs 2000 against Rs 7092

I think the C.A. proposals may be accepted & that the estimates for the corrugated iron roofing be cancelled.

The sections on E.F. & C.D. show the arch projecting at ends & apparently resting on nothing -

157
19.12.96

I do not think it advisable to open any money on the Ome + lime fields, in view of their long short handedness & much expense.

19/12/96

H.E. 23/10. B.26/12

Note by L. W.

The following estimates were sanctioned in L.O. No. 3269 Wd/14th November 1896:-

(a) Erecting a shed with corrugated iron roofing over the Punjab Kilns ————— Rs. 8,194

(b) Constructing a corrugated iron roof over the lime kilns - Rs. 7,092

2. The present Consulting Architect gives reasons why the corrugated iron roofing over the Punjab Kilns would be practically useless, and states that it is not worth while going to the expense of Rs. 8,194

3. He also points out that the same arguments apply to the corrugated iron roofing between lime kilns, and suggests turning arches as per plan submitted. This will cost Rs. 2000 against the original estimate of Rs. 7,092

4. The undersigned does not think it advisable to open

any money on the Brick and
Lime fields, in view to their
being shortly handed over to
private enterprise, and recom-
mends that the estimates save-
tioned in the B.O. quoted above
be cancelled.

[Signature]
23/11/96
E. W.

On
May

Public Works (1896) Department.

CURRENT No. 11478

Order

From

*The Consulting Architect
to the Government
of Madras.*

No. 4631

Dated 17th December 1896

Received 18.12.96

Enclosures / Plan.

Spare copies

SUBJECT.

*Submitting for approval
a drawing of the proposed
shed over the Lime kilns
at the Government Brick
fields.*

On
approved
18.12.96

BACK PAPERS.

G.O.	No.	Department.	Date.
S.O.	3269W	P.W.	14-11-96
Memo	3688C	"	24-10-96
"	1270C	"	6-3-96
S.O.	2286W	"	14-9-95
Memo	2537C	"	19-8-95
"	2049C	"	17-6-95
S.O.	809W	"	29-3-95
"	2842W	"	8-11-94
"	1989W	"	13-8-94

FURTHER PAPERS.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
17 December 1896.

No. 4631

From

G. S. T. Harris, Esq.,

Consulting Architect

to the Government of Madras,

To

The Chief Engineer
Public Works Department

Sir,

Enclosures.

With reference to G. O. No. 3269 dated
11th November 1896, I have the honour to ask
if the sanctioned Estimate No. 105 of 1896-97 for
constructing a ^{Corrugated} Iron roof over the Punjab
kiln amounting to Rs 194 and the sanctioned
estimate No. 106 of 1896-97 amounting to Rs 709
for a similar roof over the Lime kilns (both
at the Government Brickfields) may not be
reconsidered.

2. 2. In the case of the Punjab Kiln, the roof would be of use in wet weather in keeping off ^{the} rain, but I would point out that during the recent wet weather excavated places around the Kiln have filled with water, & water has percolated from these places into the Kiln, and this will probably be always the

The case and it is doubtful if even with a roof over it, any operations could during wet seasons be carried out.

3. With an iron roof such as this I am sure there will be great difficulty in keeping it in order. In the hot weather in such roofs, with only the sun attacking it, the rivets attaching the ^{corrugated} iron sheets to the frames keep snapping off. With the addition of the intense heat from the kilns just below this will be much accentuated.

3. 4 I would call your attention to the fact, that no bracing of the uprights is allowed for; in a length of 376 ft. cross bracing between some of the uprights should be inserted:-

5. With regard to the Lime kilns, there is no doubt that covered spaces between the kilns & over them, would be of great use. But with a span of 40 feet: the remarks made with reference ^{to the Punjab kilns} apply with more force; and with a spread of 8000 sq. ft. of roof, bracing this & this would probably be necessary.

6. I am submitting with this for your approval a drawing in which is shown the spaces between the lime kilns as before. The approximate cost of this arrangement will be Rs 2000. and could be rapidly put up with the bricks & lime in the spot and would

be

be good cover for slaking & storing lime. If this is approved, its cost will be gradually recovered by debits to lime manufacture.

I have the honour to be
Sir

Your most obedient servant

W. H. David.

Consulting Architect
to Government