ப எண்ணிக்கை — 26
அ. திருப்பரயகான் மார்ச் 1991

அ. சுரிக்கொல்யம்

P.M.D

1925
24. 7. 1893

1925

24th July 1893, No. 1925 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads, Civil Works.

Read—the following papers:—

From Surgeon-Major-General W. F. deFABECK, M.D., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated 11th April 1893, No. 341.

With reference to your endorsement No. 488, dated the 13th March 1893, herewith returned with its accompaniments, I have the honour to state that I approve of the plans for the new buildings for the Polavaram dispensary and have countersigned them accordingly.

2. The District Surgeon, Rajahmundry, to whom a reference was necessary on the subject, reports that the dispensary is only intended for out-patients. The reference to the District Surgeon accounts for the delay in resubmission.

No. 708, Public.

Approved and transferred to the Public Works Department.

14th April 1893.

(Signed) A. T. PRINGLE,
Assistant Secretary.

Memo. No. 2045 C.

The Chief Engineer is of opinion that the proposal to roof the Polavaram dispensary with an outer span of 37½ feet as designed is susceptible of improvement and would prefer the arrangement shown in the accompanying sketch. The entrance to the verandah will be through an arched opening and a simple truss should be provided in the large room to support the purlin. By this means the verandah could be converted into a room or a hall at any time by closing the other side.

2. The estimate should be revised accordingly.

15th May 1893.

(Signed) J. HANNAN,
Ag. Chief Engineer, P.W.D.

To the Superintending Engineer, I Circle, with nine enclosures.

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 29th June 1893, No. 840 G.D.

With reference to your memorandum No. 2045 C., dated the 15th May 1893, I have the honour to submit, herewith, a fresh plan and estimate, amounting to Rupees 2,650, for the hospital building at Polavaram prepared agreeably to the instructions contained in the above memorandum.

Order—dated 24th July 1893, No. 1925 W., Public Works.

The estimate, amounting to Rs. 2,650, for constructing a hospital at Polavaram in the Gódávari district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 58 W. of 1893-94 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, I Circle, with plans and estimate.
,, Examiner, Public Works Accounts.
,, Public Department.
Editors' Table. Judicial Depts

Exd. A. D. Xavier.
Spare Copies

2/1925

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1893} Madras.
PUBLIC WORKS.

Dated July, 24th.

Recd. *Encl.*

G.O., 24th July 1893, No. 1925 W,

JULY.

Hospital

Estimate of Rs. 2,650 for constructing a — at Polavaram in the Gódávari district sanctioned for execution when funds are available.

CURRENT No. 1076

No. 341

Office of Surgeon-General
with the Government of Madras,
Madras, 11th April 1893.

3/1925

From

Surgeon Major-General W. F. deFABECK, M.D.,
Surgeon-General with the
Government of Madras,
Madras,

To

The Chief Secy: to Government
Public Department.

Sir,

With reference to your Endorsement no: 488 dated the 13th March 1893 herewith returned with its accompaniments, I have the honor to state that I approve of the plans for the new buildings for the Polavaram Dispensary and have countersigned them accordingly.

2. The District Surgeon Rajahmundry to whom a reference was necessary on the subject reports that the Dispensary is only intended for out-patients. The reference to the District Surgeon accounts for the delay in re-submission.

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

W. F. de Fabeck S.M.G.
Surgeon-General with the Govt. of Madras.

~~CURRENT No. 1176~~

P. [illegible] NT No. 3621

~~Public~~ (1893) ~~Department.~~

Ref on Cur 697/93

From

THE SURGEON-GENERAL WITH THE
GOVERNMENT OF MADRAS,
Madras.

No. 341

Dated 11 } April 1893
Received }

Apl Rec 15-4-93
Enc: F. (3 plans)

— No.

CHIEF SECRETARY
12 APL 93
GOVERNMENT OF MADRAS

SUBJECT.

Approves of the plans for the new buildings of the Polavaram Dispensary.

Transferred

Ref 13/4

OS 132 - 4
M3 - 5 -

No 1265 W 9 20-4-92

No 708 d/ 14 April 1893

approved and transferred to the Public Works Department.

A. F. [illegible]
Asst Secretary.

0/27/4

R 5 - 8 - 93

CURRENT No. 697

Public ~~Revenue~~ {1893} Department.

No 295

From

The Collector, & Government Agent,
Godavari District.

No. 11

Dated 3rd }
Despatched 3rd } March 1893
Received }

Encl: 7

CHIEF SECRETARY
17 MAR 93
GOVERNMENT OF MADRAS

SUBJECT.

Submitting for sanction plans and estimate connected with the buildings required for the Polavaram Dispensary as called for in para 2 of G.O dated 9/4/92 No 244 Public Department.

Pub G.O. No 244 d 9-4-92 [illegible]
" " 164 d 28-2-93 "
Judl G.O 737 d 17-4-91 [illegible]

d/ 13 March 1893 No 488

Forwarded to the Surgeon General for early countersignature if approved, and return

[illegible]
Ag Chief Secry

OFFICE OF [illegible]
14 MAR 93

No. 2045 C d/ 15 May 1893

P. W. Department

7

5/1923

3 P

Memorandum

Letter from the Surgeon General with the Govt. of Madras, No. 341 dated 11 April 1893.
Endt. thereon in the Public Dept. No. 708 d/ 14 April 1893.

The Chief Engineer is of opinion that the proposal to roof the Polaveram Dispensary with an outer span of 37½ feet as designed is susceptible of improvement, and would prefer the arrangement shown in the accompanying sketch. The entrance to the verandah will be through an arched opening and a simple truss should be provided in the large room to support the purlin. By this means the

verandah

verandah could be converted into a room or a hall at any time by closing the other side.

2. The estimate should be revised accordingly.

EW

JOH 10.5.93

AH/10.5.93

No. 2045 C d/ 15 May 1893

To

The Supdg Engineer I Circle

with 9 Enclos.

15/5

DESPATCHED
15 MAY 93

15/5

No. 840 G.D.

6/1925

FROM

G. D. Wybrow Esquire,
SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO

THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 29th June 1893.

Enclosures. 8
1 Detailed Estimate
1 Abstract Estimate
1 Report
1 Specification
1 Plan of Outhouses
1 Plan of Hospital building
1 Site plan
1 Revised plan of dispensary received from Dy. Chief Engr (tracing)

SIR,

With reference to your memorandum No 2045 C dated the 15th May 1893, I have the honor to submit herewith a fresh plan and estimate amounting to Rs 2650 for the hospital building at Polavaram prepared agreeably to the instructions contained in the above memorandum.

I have the honor to be,
Sir,
Your most obedt Servt

G. D. Wybrow
Supdg Engineer I Circle

Rec 30-6

P. W. CURRENT No. 6027

No. 1265 W of 20.4.92
" 2045 C of 15.5.92

FROM

G. D. Wylson Engineer
SUPERINTENDING ENGINEER
FIRST CIRCLE

TO

THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT.

DATED 29th } June 189
DESPATCHED }
RECEIVED 6.7.93

NO. 840 G.D

ENCLOSURES 8 (4 plans)

SUBJECT.

Hospital building and
ut houses at Polavaram
ubmitting a fresh plan and
stimate of Rs. 2650 for the —
repared agreeably to the
structions given

R 22/7

7

No. 2045 C C No. 3621
C No. 6027

Please make a revised design, as now ordered, to go to the S.E. for guidance.

1092/8

3.V.93.

Cau

A revised design is herewith put up.

The verandah is now proposed to be arched as suggested by C.E. & a simpler truss provided in the large room to support the punkah.

8.V.93.

0/8/5

0/8/5/93

R 15.5.93

Public Works Department.

Current No. 3691

Letter No. 908

Dated 14th April 1893

From the Public Department

TECHNICAL NOTE.

Name of Work Constructing a Dispensary with Out-houses at Dowlaisvaram, Godavari District

Amount of Estimate, Rs. 2,600

PARTICULARS OF ESTIMATE.

Main Building	Dispensary Rs.	2,455
Subsidiary Buildings	Cook house ,,	90
	Latrine ,,	55
Contingencies	about 4% (Rs 97) ,,	...
Petty Supervision	5% (Rs 118) ,,	...
Land compensation	,,	nil.
Total Rupees ...		2,600

PARTICULARS OF CONSTRUCTION.

Surface soil / Sub soil } alluvial to a depth of 8 or 9 feet

Foundations are to be carried down 3'6" deep. The lower 2 feet to be of concrete & the upper 1'6" of random rubble.

Basement is to be raised 3 feet high & built of random rubble.

Walls are to be raised as per plan & built of random rubble with flat & semicircular archwork over doors & windows of brickwork.

Plastering or Pointing the interior faces of walls are to be plastered with one coat of chunam & the exterior pointed.

Flooring is to be of 8" square bricks laid over 4" pavement & pointed with Portland cement

Roofing is to be of flat & pan tiles laid over teak reepers & rafters supported by purlins & ridge piece.

Doors and Windows are to be of the description noted in the estimate of teakwood

Roof timbers Teakwood & wood oiled 2 coats

Scantlings of roof timbers for rafters & bressummers appear to be weak, vide remarks.

Rates are fair except for concrete work & plastering, vide remarks.

The plinth area of the main building is 1015 square feet, and the cost per square foot will be Rs. 2. 6. 8.

The plans and estimates have been countersigned by the Surgeon General with the Govt. and approved in the Public Department. D~~epartment~~.

REMARKS.

This estimate has been framed with reference to G.O. No 1265 W dated 20th April 1892 & provides for constructing a permanent building for the Dispensary with outhouses at Polavaram in the Godavari Dist.

The proposed building is to be 34'6" long by 28'6" wide, raised on a basement 3 feet high, containing 5 rooms of the following dimensions:-

one room — 21'9" x 12'0"
one — do — 12'0" x 12'0"
two rooms each 8'3" x 12'0"

& a verandah 10 feet wide as per plan.

The site selected by the Collector is stated to be private land made over by the Zemindar of Polavaram free of compensation.

The scantlings proposed for the roof timbers appear to be insufficient for the rafters & bressummers & slightly in excess for the ridge piece & purlins, subject to approval the following alterations may be made.

	Existing	Proposed
Rafters	3"x3½"	3"x5"
Bressummer, as per Standard specification Table VI, distance between points of support being 12 feet & the outer width of verandah 10 ft.	6"x7"	7½"x10"
Ridge piece	5"x9"	3"x8"
Purlins	6"x8"	5"x6½"

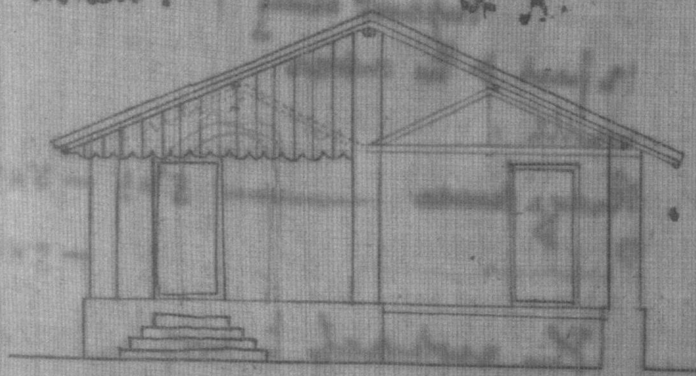
The proposal to roof the building with an outer span of 37½ feet from eave to eave appears to be awkward & will be expensive; it is thought that a better plan will be to alter the proposed slope by running the ridge on the longitudinal cross wall, this will reduce the span to 31½ feet between eaves & leave the front gabled.

By the above arrangement the rafters will be of one uniform length & will be evenly supported by the cross purlin, there will also be a reduction in the height of the longitudinal centre wall by 3 feet owing to the reduction in span & the length of gables reduced from 34½ ft. to 28½ feet. The area of roofing also will be reduced.

If the arrangement now proposed be approved two simple trusses will be required to support the ~~pair~~ purlins one between windows d, d at A marked in blue & another at B (in blue) in verandah thus.

Half Front Elevation showing truss at B dotted.

Half Section showing proposed truss at A.



The following rates are in excess of the Divisional Schedule.

Concrete work — 11.0.. against 8...
Plastering — — 2.4.. -do- 2....

If schedule rates be ~~applied~~ applied the saving will be Rs 75

JW
26.IV.93

19752

Unless there be some special reason for arranging the roof, as designed, in this unusual manner — and I cannot see any reason — the method proposed by T. is certainly the best.

Instead of a truss at B. however, I would put in a wide arched opening, & continue the gable in masonry — By this means the verandah (a) could be converted into a room or a hall at any time, by closing the other side.

I think the estimate might be returned for revision

OWS
2.5.93

I concur.

JH
3.5.93

19752

Dd. for orders
21.4.93

C. No. 3621 P. W. Secretariat.

10/1923

Note by Budget Section.

Work	Constructing a dispensary with outhouses at Polavaram, Godavari Dt.
Fund	Provincial
Service Head	Civil Buildings
Departmental Head	Original Works
Amount of Estimate	Rs. 2600
Expenditure in previous year ...	" —
Allotment in current year ...	" —
Balance required to complete ...	" —
Total Rs...	

Note of available Funds.

The work does not appear either under class A or Class B of the current year's budget, and no special urgency has been shown for an allotment of funds in preference to other sanctioned works. The estimate may therefore be sanctioned for execution when funds are available.

27/4/93

P. W. Current No: 3621

Note by Budget Section.

1

13 H
Civil Buildings

PUBLIC WORKS DEPARTMENT.

No. 1925 W, dated 24 July 1893.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

11
1925

READ the following

Print From the Surgeon General with the Govt. of Madras No. 341 dated 11th April 1893

- Endorsement thereon in the Public Dept. No. 708 dated 14th — do —
- Memo by the Chief Engr. P.W.D. No. 2045 C dated 15th May 1893
- From the S.E. I Circle No. 840 G.D. dated 29th June 1893

58

The estimate, amounting to Rs. 2,650, for constructing a hospital at Polavaram in the Godavari District, is sanctioned for execution when funds are available.

15 July

2. This sanction has been registered as Provincial No. 58 W. of 1893-94 and classified as Civil Buildings, Original Works.

Note
It is proposed to place this G.O. on the Editor's Table

DESPATCHED
4 AUG. 93

To
The S.E. I Circle
with plans & estimate (8)
" Exam. P.W. Accts.
" Public Dept
judicial, dept
" Editor's Table

4/8/93

OMB
15/7/93

15/7

17/7/93

4(sm2,000—13-4-93.)

1924

[illegible]

8/1

OS 150
Hn 1527
Hn 1527

C No. 6027

Govt. of {1893} Madras.
PUBLIC WORKS.

Dated 21/7

Recd. Encl.

G.O. 24 July 1893, No. 1925 W.

Hospital

Estimate of Rs. 1650
for erectg a — at Polavaram
in the Godavari Dt.
sanctioned for execution
when funds are available

11/15

P.C. 25/VII

1/25/VIII