

Public Works

Marine (1899) Department.

Remayach

G.O., No. 491 W

DATED 16th Feb 99

Je 206 of 99

Church at Bezvada [Despatch Abstract.]

Revised Estimate of Rs 17080
for the construction of a ———— Sanchin,
with remarks, for very early execution.

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Government {1899} of Madras.
PUBLIC WORKS.

Spare copies

FEBRUARY.

Revised estimate of Rs. 17,080 for the construction of a —, sanctioned, with remarks, for very early execution.

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, 6th January 1899, No. 3126.

With reference to your memo., No. 2418 C., dated the 7th May 1898, I have the honour to submit plans and estimates for the church to be built at Bezwada:

The estimate for the building itself amounts to	...	...	...	RS.
The furniture including contingencies	...	...	...	13,515
				2,265
Total	...	...	...	15,780

The plans have received the approval of the Church Committee, and the Archdeacon has signed the general plan in token of his approval.

From the Superintending Engineer, II Circle, dated 15th January 1899, No. 28 W.

Note by the Chief Engineer, Public Works Department.

It is doubtful whether any saving can be made in foundations, as considered possible by the Consulting Architect. The Superintending and Executive Engineers should decide, after personal examination of the sub-soil in foundation trenches, on the nature of the foundations required.

2. It is observed that, in order to comply with the provisions of Appendix K, section IV, Rule IX, Volume I of the Public Works Code, the number of seats in the nave should be reduced from 170 to 154. This can be done by removing two of the larger benches.

11th February 1899.

(Signed) A. W. SMART, Col., R.E.,
Ag. Chief Engineer.

ORDER—No. 491 W., dated 16th February 1899.

The revised estimate for the construction of a church at Bezwada, Kistna district, submitted by the Consulting Architect with his letter read above, amounts to Rs. 15,780. To this sum should be added the probable value of site, which is estimated at Rs. 1,300. The total cost of the building will thus amount to Rs. 17,080 and the estimate is sanctioned for this sum, for very early execution, in accordance with the provisions of Rule XXI, Appendix K to Volume I of the Public Works Code.

2. The original estimate of Rs. 14,000 sanctioned in G.O., No. 2956 W., dated 19th October 1896, is cancelled.

3. The Government grant towards building this church was fixed in G.O., No. 132 W., dated 16th January 1899, at Rs. 8,000 and it appears that the Church Missionary Society has collected private subscriptions to the extent of Rs. 6,984-9-6. Under section 2 of the rule quoted above, the amount of the private contributions must be paid into a Government treasury, or guaranteed by sufficient security. The Church Missionary Society will therefore be requested, in the Ecclesiastical Department, to report whether they can guarantee the payment of the balance of the estimated cost, viz., Rs. 2,095-6-6.

4. A sum of Rs. 7,000 has been provided for the work in the current year's budget, and the balance of the Government grant, viz., Rs. 1,000, will be allotted in the budget estimate for 1899-1900.

5. The sanction accorded in paragraph 1 of these Proceedings has been registered as Provincial No. 112 W. of 1898-99, and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, II Circle,
with thirteen enclosures.

" Examiner, Public Works Accounts.
" Ecclesiastical Department.

Exd. T. K. Narayana Aiyangar.

BACK PAPER

Very urgent

Public Works DEPARTMENT.

Read the following:—

From the Consulting Architect to Govt, No. 3126 of 6th January 1899.
From the Suptg. Engineer, II Circle, No. 28 of 15th January 1899.
Note by the Chief Engineer, R.O.S., dated 11th February 1899

Circulated to H & the Governor

W. H. C. M. S. L.

ORDER. No. 491 W & 16.2.99

To The Ecclesiastical Dept
for favour of counter-initials

A. S. H.
15.2.99

The revised estimate for the construction of a church at Beswada, Kistna District, submitted by the Consulting Architect with his letter read above, amounts to Rs 15,780. To this sum should be added the probable value of site, which is estimated at Rs. 1300. The total cost of the building will thus amount to Rs. 17,080 and the estimate is sanctioned for this sum, for very early execution, in accordance with the provisions of Rule XXI, Appendix K, to Vol. I of the P. W. Code.

2. The original estimate of Rs. 14,000 sanctioned in G.O. No. 2956 of 19th October 1896 is cancelled.

3. The Government grant towards building this church was fixed in G.O. No. 132 of 16th January 1899, at

It is observed.
section IV
nav

Rs. 8000, and it appears that the Church Missionary Society has collected private subscriptions to the extent of Rs. 6984-9-6. Under Section 2 of the rule quoted above, the amount of the private contributions must be paid into a Government treasury, or guaranteed by sufficient security. The Church Missionary Society will therefore be requested, in the Ecclesiastical Dept, to report whether they can guarantee the payment of the balance of the estimated cost, viz - Rs. 2095-6-6.

4. A sum of Rs. 7000 has been provided for the work in the current year's budget, and the balance of the Government grant, viz. Rs. 1000, will be allotted in the budget estimates for 1899-1900.

5. The sanction accorded in para 1 of these Proceedings has been registered as Provincial No 112 W of 1898-99, and classified as Civil Buildings original works

APR 11/2/99
 May 11.2.99

Note. The estimate is dealt with in the accompanying technical note & in the is/ing note

APR 11.2.99
 May 11.2.99

* Enclosure to Examiner's office No. 210 B/Ad/7-2-99 is being separately sent

Amount of Estimate	Rs 17,080-00
Govt grant	8,000-00
Subscription collected	6,984-9-6
Total	14,984-9-6
Balance required	2,095-6-6
	17080-00

To
 The S. E. II Circle with Enclos.
 " Exar. P. W. Accounts
 " Ecclesiastical Dept. 21/2

38

Note by 210

This doubtful whether any saving can be made in foundations, as considered possible by the Cons. Architect. The Supy. & Ex. Engrs. should decide, after personal examination of the subsoil in foundation trenches, as the nature of the foundations required.

2. It is observed that, in order to comply with the provisions of Appendix K, Section IV, Rule 14, Vol I of the R.W. Code, the number of arches in the frame should be reduced from 170 to 154. This can be done by removing two of the larger trusses.

APR 11.2.99
 11/2/99

SA 20
+ CN: 488 - Can the file
be handed over
T who seems to
= for an
paper, b

I Please
 return the
 with you
 over Cu. 488
 in connection
 made chancel
 examination

T
I disk
No. 227
ago.
spokes (length) = 6

RK / When is the

$$b d^2 = \frac{W L^2}{210} = \frac{2020 \times 8}{210}$$

616

Therefore make $b = 4$
 $= 4'' \times 6''$

Current No. 248
 Letter No. 2126
 Dated 6th January 1899
 From the Consulting Architect to Govt.

TECHNICAL NOTE.

Name of Work Constructing a Church
Beywada in the Mysore Dist.
 Amount of Estimate, Rs. 1578

PARTICULARS OF ESTIMATE.

Main Building <u>Church</u>	Rs. <u>1355</u>
Furniture & screen	<u>150</u>
Subsidiary Buildings	" "
Contingencies <u>5%</u>	" <u>79</u>
Petty Supervision	" "
Land Compensation	" "

Total Rupees ... 1578

PARTICULARS OF CONSTRUCTION.

Surface soil old made soil to a depth of 3 feet
 Sub-soil lying on old village site
 Foundations will be 7 feet deep the
3 feet will be laid with concrete
the remaining 4 feet built in brick
with random rubble in mortar
 Basement will be raised 2 feet & built
with random rubble in mortar
 Walls will be raised to the height
on the design & estimate &
of random rubble in mortar

Kindly have the
 plans made at
 a cost of Rs. 150
 according to the
 instructions

WB. 9/2/99
 Plans with T. 9/2/99

9/2/99

see note on report

P.A. anticipates a saving in
 founds, but the subsoil at
 Beywada is mostly black
 cotton & made soil, & I am
 not sure whether
 it will not be well
 to take down founds
 to a depth of 6 1/2
 feet at least to find 2
 depths of sand at bottom of founds.

Plastering or Pointing with a plasterer with
2 coats of mortar & the exterior pointed.

Flooring with 1/2" of Regulate stone laid on 6" sp.
Concrete for the main Vesting & organ cham:
- base & steps stone for the chancel.

Roofing will be of Mangrove like laid
over teak rafters rafters 4" and
ceiled with $\frac{1}{2}$ " white cedar plank

Doors and Windows will be of Lickwood or
The descriptions noted in the estimate
& stained with 2 coats of linseed oil

Roof timbers will be of seasoned & var:
- finished 3 coats.

Scantlings are cut.

Rates vide remarks.

The plinth area of the main building is 2884 square feet, and the cost per square foot will be Rs. 8-14-0

The plans and estimates have been countersigned
by the Venerable the Archbishop of Madras
and C.D.'s states, in his forwarding letter
that they have also been approved
of by the Church Committee.

REMARKS.

With reference to this office memo
20142 dated 27 May 1898, the CA
Joh. submits detailed plans &
amounts, amounting to \$15780 for
church & the built at Bejwada
the Krishna Dist.

An estimate amounting to \$14,000
was sanctioned for the construction of
a church in J. O. W. 2956 W dated
Oct. 1896 but the question of site
was only settled in J. O. W. 2344 W
and 8th Sept. 1898.

The E.E. in his letter W. 758 SE dated
Feb 1838 suggested various modi-
fications. These modifications have been
made. It describes

flag N.

May E.

Flag N.

Enter in ^{Hay H} G.S.C.
accordingly

The crutches hold together, and if 2 are taken away, the numbers of villi will be reduced to that laid down in code. It may be noticed, however, that the superficial area ~~becomes~~ allowed by C.A. is the same as that given at Cathe-dral, Madras, & St. Stephen's.

The value of site has not been included in the estimate. It would amount to Rs 1300, as the area of land proposed to be taken over for the Municipality is reported to be 3468 sq. yards and the cost amount to Rs 6 per sq. yard. The amount of the estimate will therefore be increased from Rs 15,780 to Rs 17,080.

The number of sittings provided for in the scheme is 170, as shown on ground plan. This appears to be objectionable, as this portion of the church will be over-crowded. In section IV, rule 14, page 487, applicable Vol. 1 of the Code, an area of 60 is allowed per sitting inclusion passage &c. and according to rule the number of sittings for the nave should only be 153, as calculated below.

Area of frame $55 \times 25 = 1375$

Bedrock: paramo $55 \times 4\frac{1}{2} = 247$
 - do. pulpit: portia $2 \times 10\frac{1}{2} \times 5\frac{1}{2} = 115$
 - do. font: $10\frac{1}{4} \times 9\frac{1}{2} = 97$

Trial area $\frac{1}{4}$ 9

$\frac{918}{6} = 153$ No. of sittings
div by Code rule

AK
8.2.99.

Ans
9/2/99

~~110~~
8.2

Public Works (1899) Department.

CURRENT No. 488

1094K3 II
15-4-99

From
The Superintendent of Engineers
II Circle

Order

No. 28 W

Dated 15th January 1899.

Received 3 18-1-99

Registered

Enclosures

Spare copies

SUBJECT.

Bergwara Church — Re-
quests to return the Site plan
and sections of the trial
pits of —

SKW

3417/98 2304 W/98
44652-127-3370
17-1-99
with index

Indexed.

FURTHER PAPERS

BEZWADA, *Dated 15th January, 1899.*

No. 28 W 7 15-1-99.

J. Hannan Esquire
SUPERINTENDING ENGINEER,
11 CIRCLE,

To

THE *Chief Engineer,*
Public Works Department

SIR,

Enclosures.

I have the honor to request you will be good enough to return the site plan and section of the trial pits of the church at Berwada, forwarded with this office endorsement No 1094 H.E., dated 15th April 98 as they are required by the Consulting Architect to Government to complete the plan and estimate for the building.

I have the honor to be
Sir,

Your most obed^t serv^t

Wm. W. W. W.
Superintendent of the
Lumber

M.H.L.
10/1/99

Indexed.

and the census of the design & es.

BACK PAPERS

PAPERS

Public Works (1899) Department.

CURRENT No. 248

491W

Order

From

The Consulting Architect
to the Government
of Madras

No. 3126

Dated 6th January 1899

Received

Registered 3 8. 1. 99

Enclosures 13 (10 plans)

Spare copies

SUBJECT.

Submitting plans &
Estimates amounting to
Rs 15780 for the Church
to be built at Bezavada

1/
Just check
Alk
10-1-99
SW

HC

Recd. sent for c. i. 11.2.99 Alk 14.2.99 16.2.99

Indexed.

(1899) Department.

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
8370	17-1-88.
Papers marked therein	

No.	Date.

No. 3126

Consulting Architect
Chepauk, Madras,
6th January 1899.

From

G. I. T. Harris, Esq.,
Consulting Architect
to the Government of Madras.

To

The Chief Engineer
Public Works Department

Sir,

13. Enclosures.

8 CN 10610
sent W 3/1

With reference to your Memo:
No. 24180 dated the 7th May 1898, I have
the honour to submit, plans & estimates
for the Church to be built at Bezawada.
The estimate for the building itself amounts
to Rs 13,515
The furniture including contingencies " 2,265
Total Rs 15,780

The plans have received the
approval of the Church Committee,
the Archdeacon has signed the general
plan in token of his approval.

I am, Sir, the honour to be
Your most obedient servant
G. I. T. Harris
Consulting Architect