Public Works (1898) Department.

G.O., No. 1989 W

DATED 6th August 98

8/8/W

[Despatch Abstract.]

Sub Registrar's office at Valavanur

Estimate of Rs 3577 for constructing a — in outs. already sanctioned, with remarks, for [illegible] [illegible] when funds are available.

100/IX

S.

[P. W. 26.
1,000—12-2-98.]

Indexed.

BACK PAPERS.

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

FURTHER PAPERS.

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. Enclosures
Regd. } Spare copies

G.O., No. 1989 W., 6th August 1898.

AUGUST.

Sub-Registrar's Office at Valavanur

Estimate of Rs. 3,577 for constructing a — in the South Arcot district, sanctioned, with remark, for execution when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

G.O., No. 121, Judicial, dated 20th January 1898.

Read—again the following papers :—

G.O., No. 836, Judicial, dated 8th May 1896.
G.O., No. 769, „ „ 28th „ 1897.

Read—also the following papers :—

From the Collector of South Arcot, dated 12th August 1897, No. 1687/Ver.

In continuation of this office letter, Reference on No. 138/Vs., dated 14th May 1897, I have the honour to state that the Sub-Collector who was requested to select a new site for the Sub-Registrar's office, Valavanur, suggests that survey No. 81 in Komarakuppam which is classed as burial ground poramboke may well be taken up. It is the field next adjoining that last selected and given up at my instance, viz., survey No. 90. Its area is 2·26 acres, of which only 84 cents are used by three Muhammadan families, and a small portion of the remainder by the Hindus as burial ground. The balance which adjoins survey No. 90 has been unoccupied for upwards of 20 years and the new site selected lies in this place. Both Mussalmans and the Hindus, as usual, object to the proposed appropriation of the site, but the Tahsildar and the Sub-Collector consider the objection to be frivolous. The village has a population of 3,720 souls and there are two other burning and burial grounds in survey Nos. 7 and 35, measuring acres 4·17 and 7·56, respectively, which are considered to be quite sufficient for the requirements of the village. In fact, these are actually in use by the majority of the people, while the land in No. 81 is used only by a few families. Survey No. 81 may therefore very well be utilized for the construction of the Sub-Registrar's office, and further burials in it may be prohibited on sanitary grounds as it is only 50 yards from a spring channel used for drinking purposes.

The local Sub-Registrar selected another site (*vide* his letter, No. 184, dated 9th July 1897, enclosed). It had once before been selected for a Local Fund school and recently a native dramatic company performed in a theatre temporarily erected thereon, but the land is "temple inam" and would have to be acquired on payment of heavy compensation. There is, therefore, no reason why this site should be preferred to that selected by the Tahsildar and Sub-Collector.

From the Inspector-General of Registration, Madras, dated 7th October 1897, No. 6152 G.

In reply to endorsement from Government, No. 173, Judicial, dated 18th August 1897, on a letter from the Collector of South Arcot regarding the selection of a site for the Sub-Registrar's office at Valavanur, I have the honour to submit copy of letter No. 2120, dated 7th ultimo, from the Registrar of South Arcot pointing out several objections to the construction of the office in survey No. 81. The Registrar personally inspected the place and reports that it is even now used as a burial ground and is further resorted as a public privy. The Registrar further states that survey No. 87 which was once selected for a Local Fund school is "putta land," not inam; that it can be acquired at a cost not exceeding Rs. 250. This site appears to be much better suited for an office than field No. 81, and I beg respectfully to suggest that 65 or 70 cents in No. 87 be taken up for the Sub-registry office on payment of compensation.

From the Collector of South Arcot, dated 30th October 1897, No. 2250/Ver.

Referring to endorsement No. 2108, dated 12th October 1897, from the Under Secretary to Government returned herewith with connected papers, I have the honour to state that I do not consider that the District Registrar's objections to the construction of the Valavanur Sub-Registrar's office on survey No. 81 are valid. But in as much as he considers that great advantage would accrue by its construction in survey No. 87 and that it would result in a saving of Rs. 150 to Government, I have no special objection to raise to that site being utilized for the purpose, except that it will have to be acquired under the Act. My Sub-Collector who selected the site is still of opinion that the site in survey No. 81 is the best suited for a public office.

From the Inspector-General of Registration, Madras, dated 17th December 1897, No. 8063 G.

In reply to official memo., No. 2716, Judicial, dated 10th instant, I have the honour to state that the Registrar of South Arcot, who had previously inspected all the available sites in the village, reports that it is not possible to secure a site quite close to the police station so as to avoid the necessity for employing a night watchman.

2. The site now selected is about one and a half furlongs from the police station; but, even if it were much nearer, the Registrar states that a night watchman would be required to guard the office. A copy of his endorsement is enclosed.

3. A night watchman for this office was sanctioned in G.O., No. 224, Judicial, dated 30th January 1893.

Order—No. 121, Judicial, dated 20th January 1898.

The estimate, aggregating Rs. 3,200, submitted with the Inspector-General's endorsement, No. 669 G., dated 11th February 1897, is approved and will be transferred to the Public Works Department.

2. In the circumstances reported, the Government considers that the office should be constructed in survey No. 87, and the necessary draft declaration for the acquisition of the site will be submitted by the Collector of South Arcot.

(True Extract.)

(Signed) A. R. KNAPP,
for Chief Secretary.

From Colonel A. W. SMART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 8th July 1898, No. 447 W.

With reference to your memo., No. 1442 C., dated 8th March 1898, I have the honour to submit for sanction the enclosed revised site plan and estimate, amounting to Rs. 3,510, for constructing a Sub-Registrar's office at Valavanur in the South Arcot district.

Note by the Chief Engineer, Public Works Department.

The estimate is recommended for sanction with the alterations noted below.

2. The half brick compound wall is not safe against wind pressure, and should be one brick thick, built in hydraulic mortar, with pilasters 12 feet apart and 1 foot 1½ inches thick. The section of the wall showing foundations is shown in the plan. This alteration will increase the estimate from Rs. 3,510 to Rs. 3,577.

(Signed) W. B. deWINTON,
Chief Engineer.

29th July 1898.

Order—No. 1989 W., dated 6th August 1898.

The estimate amounting to Rs. 3,577, as altered by the Chief Engineer, for constructing a Sub-Registrar's office at Valavanur in the South Arcot district, is sanctioned for execution when funds are available.

2. Attention is drawn to the Chief Engineer's note read above.

3. This sanction has been registered as Provincial No. 44 W. of 1898–99, and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, V Circle, with six enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

Exd. T. K. Narayana Aiyangar.

H/e
A

Papers to be read in Proceedings:—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Current No. 643 of 1898, dated 20th January 1898, from The Judicial Dept.
" " 5790 " 1898, " 8th July 1898, " The S. E. V Circle
" " " 189 , " ,
Note by the Chief Engineer, P.W.D. dy

Civil wks

ORDER.

SP

ASK.
2.8.98

No 1989 W dt 6-8-98

The estimate, amounting to Rs 3,577, as altered by the Chief Engineer, for constructing a Sub Registrar's office at Valavanur in the South Arcot district, is sanctioned for execution when funds are available.

2 Attention is drawn to the Chief Engineer's note read above.

3 This sanction has been registered as Provincial No 44 W of 1898-99, and classified as Civil Buildings, Original Works. ASK 27.7.98.

27.7.98

P.K.S

Dft
W
T
B

The S. E. V Circle with 6 encls
- Examr. P. W. Accts
- Judicial Dept

Flag G

P. W. 4.
500—24-3-98.

Note. The estimate was returned for revision with reference to the points noticed in Memo No 1442c, dated 8th March 1898, and is dealt with in the accompanying

accompanying technical note, and the
note by the Chief Engineer read above.

APK
27.7.98.

Cn

W 29.7.98

P.K.S

Note by the Chief Engineer, P.W.D.

The estimate is recommended for sanction with the alterations noted below.

2. The half brick compound wall is not safe against wind pressure, and should be 1 brick thick, built in hydraulic mortar, with pilasters 12 feet apart and 1 feet 1/2 inch thick. The section of the wall, showing foundations is shown in the plan. This alteration will increase the estimate from Rs 3570 to Rs 3577.

APK
27-7-98.

E.W. 29.7.98

1984

Public Works Department.

Current No. 5790

Letter No. 447 W

Dated 8th July 1898

From the Supt Engineer V Circle

TECHNICAL NOTE.

Name of Work - Constructing a Sub-Registrar's Office at Valavanur South Arcot District

Amount of Estimate, Rs. 3510

PARTICULARS OF ESTIMATE.

Main Building Office	Rs.	2,694
Subsidiary Buildings Road Culvert	,,	80
Gate with Masonry Pillars		100
Compound Wall		293
Contingencies @ 5 per cent	,,	163
Petty Supervision @ 2½ per cent	,,	81
Land Compensation	,,	99
Total Rupees ...		3,510

PARTICULARS OF CONSTRUCTION.

Surface soil Sandy Clay for a depth of 3 ft.

Sub-soil Sand for a depth of 6 ft.

Foundations will be 5 ft. in depth of which the bottom 2 ft. will be laid with concrete & mortar and the upper 3 feet built in two footings of brick in mortar.

Basement will be raised 2 ft. and built of brick in mortar with a damp course of asphalt ½" thick

Walls of the rooms will be raised 12 ft. to top of joist & built with brick in chunam with arch-work over voids.

Noted by W.

The estimate is recommended for sanction with the alterations noted below.

2. The 4½" half brick compound wall is not safe against wind pressure, and shd be 1 brick thick, built in hydraulic mortar, with pilasters 12' apart & 1'. 1½" thick. The section of the wall, showing foundations is shown in the plan. This alteration will increase the estimate from Rs 3510 to Rs 3577

ACK
26. 7. 98

Owing to the change of site, the foundations have been altered. A saving might be made by reducing brickwork in foundations to 2' in depth on 3' depth of concrete.

P. W. 58
250—5-8-96.

Plastering or Pointing The interior walls above 3ft from floor will be plastered with 2 coats of Chunam, and the exterior pointed with tar & asphalt composition, except plinth face & 3ft above floor which will be plastered with Portland cement.

Flooring office room 6" square pressed tiles on a bed of 6" concrete set & pointed with Portland Cement — Record room & Verandah to be floored with Cuddapah slabs on a bed of 4" concrete & pointed with asphalt.

Roofing of the rooms will be terraced with brick on edge complete over teak joists &c and that of the Verandah with Mangalore tiles over teak reepers.

Doors and Windows will be of teakwood as laid down in Specification & painted 3 coats Charlton Silicate Oak Paint.

Roof timbers Teakwood and painted with 3 coats of Silicate white paint.

Scantlings As per Standard Design

Rates Fair. data supplied in detail for most rates.

The plinth area of the main building is 1004 square feet, and the cost per square foot will be Rs. 2-14-2.

High

The plan~~s~~ and estimate~~s~~ ha~~ve~~s been ~~countersigned~~ approved by the Inspector General of ~~and~~ Registration generally.

REMARKS.

The Estimate was originally framed with reference to G. O. No. 1598 W dated 27th May 1896, as per type design circulated with G. O. No. 2230 W dated 21st July 1888 for terraced roofing for Rs 3,200 and now re-submitted with reference to Chief Engineer's Memo No. 1442 C dated 8th March 1898 for Rs 3,510 —

The building is now designed for the new site Survey Field No. 87, and a site plan and sections of trial pits noting soil submitted.

Rs 100 has been provided for carriage of roof timber and doors & windows from P.W. Workshops Madras to site, although the rate allowed in Estimate viz Rs 3-8-0 per cub foot is the schedule rate of the district.

Lump sums of Rs 80 and Rs 100 have been allowed for a culvert at Gate over road drain as per plan, and for a Gate and 2 pillars vide plan, respectively.

Rs 99 has been included in Estimate as compensation for 33 cents of land at Rs 300 an acre.

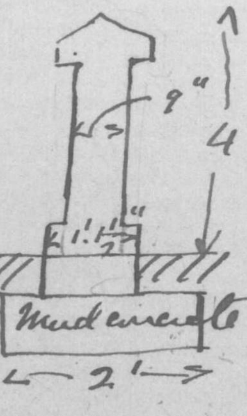
A lump sum of Rs 293 at 13 as a running foot is provided for a compound wall 4½" thick and 4ft high.

It has been decided that this section of wall* will not withstand wind pressure and it is therefore thought advisable that this portion of a wall 1 brick thick be substituted. ~~the work might be deferred until the standard design is circulated for adoption~~

AcK
26.7.98.

W.C.M.
25.7.98

* vide plan



Mr Berlie

Please estimate for altering wall to 1 brick thick, pilasters 12' apart, being 1'.1½". Wall to be of country bricks in hydraulic lime mortar, to be carried 6" into ground, & founded as above

AcK
25.7.98.

attended to
W.C.M.

29.7.98

The interior walls above

H.C.

The est. is to be returned to E.E. with ref. to the foll. points.

(1) The site plan shows that the building is to be in field No 90. but ~~the~~ order G.O. 121 of 20/1/98 it is to be in field survey No 87.

This may require revision of the founds & the road culvert plan

(2) no provision is made for Land compensation or fencing round the compound - a well may also be required

(3) The floor of the record room is to be either stone slabs or flooring bricks pointed with asphalte

(4) several of the rates (see note by T.) are above schedule rates & must be substantiated by data

21-2-98

B 21.2.98.

Public Works Department.

Current No. 643

Letter No. 121

Dated 20th January 1898.

From the Judicial Dept.

TECHNICAL NOTE.

Name of Work Constructing a Sub Registrar's Office at Valavanur, South Arcot Dist.

Amount of Estimate, Rs. 3,200.

PARTICULARS OF ESTIMATE.

Main Building Office	Rs.	2704
Gate with masonry pillars		150
ubsidiary Buildings road culvert		30
ontingencies about 5%	,,	133
etty Supervision 3%	,,	83
and Compensation for trees	,,	100
Total Rupees ...		3,200.

PARTICULARS OF CONSTRUCTION.

face soil Loose sand between 1½ to 2 ft. in depth

-soil Hard sand at 6 ft. below surface.

ndations will be 6 feet in depth of which the lower 5½ feet will be laid with concrete and the upper 6 inches built with brick in mortar.

asement will be raised 2 feet and built of brick in mortar with damp proof course of asphalte ½" thick.

Walls of the rooms will be raised 12 feet to top of joists and built with brick chunam with archwork over voids.

The interior surface of walls will be plastered with 2 coats of chunam and the exterior
Plastering or Pointing pointed with tar and asphalte composition except the plinth face which will be plastered with Portland cement.

Flooring will be of 6" sq. press bricks laid over 4" of concrete & pointed with cement throughout except the record room which will be of 3/4" asphalte.

Roofing of the rooms will be terraced with brick on edge &c. complete over teak joists &c. and that of the verandah with Mangalore tiles laid over teak reepers.

Doors and Windows will be of teakwood as specified in the estimate and painted with 3 coats of Charlton's Silicate oak paint.

Roof timbers will be of teakwood and painted with 3 coats of light sage green

?

Scantlings are correct.

Rates many of the rates are high vide remarks.

The ~~site~~ plinth area of the main building is 1004 square feet, and the cost per square foot will be Rs. 2.14.6

The site plan~~s~~ and estimate~~s~~ have been countersigned by the Inspector General of Registration and approved in the Judicial Dept. with the remark that the Office should be constructed in Survey No. 87 &c.

REMARKS.

The plan & estimate under review, amounting to Rs 3200 have been framed with reference to G.O. No. 1598W dated 27th May 1896 and provide for constructing a Sub Registrar's Office at Valavanur in the South Arcot District as per type designs, circulated with G.O. No. 2230 W dated 21st July 1888 for terraced roofing.

The site selected, as per site plan, is survey field No. 90, north of the trunk road from Villupuram to Pondicherry & this site, it is stated in the report, has been approved of by the I.G. of Registration but from para 2 of Judicial order No. 121, dated 20th Jany. 1898 it will be observed that the Govt. order the construction of the building on Survey field No. 87, consequently the plan & Estimate may be returned to the S.E. for any revision which may be found necessary by the change of site.

The foundations proposed appear to be unnecessarily (too) heavy for walls only 12 feet high. This will probably have to be altered according to the nature of soil at the altered site.

The floor of the record room will also require alteration from 3/4" asphalte to either Cuddapah or granite slabs pointed with asphalte and as the rate for the latter description of flooring is not known in this Office the S.E. may be requested to provide for this deviation also.

The following rates are in excess of the Divisional schedule & if schedule rates be adopted the saving will be Rs 160.

Concrete	Rs 18.. ..	against	11.11..
Brickwork in chunam	18.12..	do.	18.8..
1/2" asphalte damp proof.	14.. ..	do.	12.10..
Archwork	22.. ..	do.	20.. ..
Cut stone	1.8..	do.	1.. ..
Teakwood work	3.12..	do.	3.8..
Terrace roofing	25.. ..	do.	23.15..
Mangalore tile roofing	25.. ..	do.	12.14..Ø
Plastering with lime	2.8..	do.	2.9..
Plastering with Cement	6.. ..	do.	5.15..
3/4" asphalte flooring	25.. ..	do.	23.. ..

Ø Probably an error in the schedule,

By change of site, the items of Culvert Rs 30 & compensation for young trees standing on field No. 90 will not be required.

Provision has been made for the carriage of teak timber for doors & windows from Madras at a lump sum of Rs 100.

Tho.
19.2.98.

Public Works (1898) Department.

CURRENT No. 5799

Order

I / Sub Sanctioning
AEK
19.7.98
[illegible]

[illegible] /

From The Supdg Engineer
5th Circle.

No. 4478.

Dated 8th July 1898.

Received 11.7.98

Enclosures 6. (2 plans)

Spare copies

SUBJECT.

Sub Registrar's Office at Valavanur ~~at~~ in the South Arcot District.

Submitting for Sanction revised ~~Estimate~~ site plan & Estimate for Constructing a —

O.L.S.-256 p 6/8

BACK PAPERS.

No.	Date.
1442C	8-3-98
1604W	12-6-97
1268C	29.3.97
348C	20.1.97
1598C	27.5-96

FURTHER PAPERS.

No.	Date.

No. 447 W. 28

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepâk, 8th July 1898.

From
Colonel A. W. Smart R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer,
P. W. Department.

SIR,

With reference to your memorandum No 1442 C. dated 8th March 1898, I have the honour to submit for sanction the enclosed revised site plan and estimate amounting to Rs 3510/. for constructing a Sub Registrar's Office at Valavanur in the South Arcot District.

Enclosures

1 Site plan
1 plan of gates etc
1 Report
1 Detailed Estimate
1 abstract do —
1 Data.

I have the honour to be,
Sir,
Your most obedt. Servant

A W Smart
Colonel R.E.
Offg Supdg Engineer 5 Circle

200—12-1-98.

6.7.98

c

1964W

No. 1442 C

Government of Madras.

P.W. **DEPARTMENT**.

MEMORANDUM.

Dated Madras, 8th March 1898.

From the Judicial Department, No. 121, dated 20th January 1898.

In returning the estimate for Sub-registrar's Office at Valavanur in the South Arcot District, the undersigned has the honour to request that it may be revised with reference to the following remarks and resubmitted at an early date:-

1 Reminder issued 25-4-98
2 do 22.6.98

(1) The site plan shows that the building is to be in field No. 90, but G.O. 121 Judl dated 20-1-98 orders it to be in field Survey No. 87.

This may require revision of the foundations and the road culvert plan.

(2) No provision is made for Land Compensation or fencing round the compound. A well may also be required.

(3) The floor of the record room ~~is to~~ should be either stone slabs or flooring bricks pointed with asphalte.

(4) The following rates which are in excess of those shown in the Divisional schedule should be supported by ~~xxxx~~ data:-

Drt/W

13/3/98

P.W. 41.
1,000—14-10-97.

Concrete

Concrete............	Rs. 13-0-	in		11.11.0
Brick in chunam......,,	18-12-			18.8.0
½" asphalte damp proof course,,	14-0-0			2.10.0
Archwork............,,	22-0-0			.0.0
Cut stone...........,,	1-8-0	-do-	,,	1.0.0
Teakwood work........,,	3-12-0	-do-	,,	3.8.0
Terrace roofing......,,	25-0-0	-do-	,,	23.15.0
Mangalore tile roofing,,	25-0-0	-do-	,,	12.14.0 °
Plastering with lime ,,	2-8-0	-do-	,,	2.7.0
Plastering with cement,,	6-0-0	-do-	,,	5.15.0
~~¾" asphalte flooring~~ ,,	~~25-0-0~~	~~-do-~~	~~,,~~	~~23.0.0~~

° Probably an error in the schedule

28/2/98

5-3-98

F.W.

Mis

T/
B PKs

14/3/98

To Supdg. Engr. V Circle with encls & copy of Judl 7/12/98

The ~~Judicial Department~~.

[Edl. / 5]
1,000—5-3-97.

Public Works

~~Educational~~ (1898) Department.

CURRENT No. 643

From

The Judicial Dept

Order

No. 121.

Dated 20. 1. 98.

Received 25-1-98

Registered 3 (Plan)

Enclosures 4 Plan & Estimates

Spare copies.

T/
for sanction
27/1/98

SUBJECT.

Approving and transferring the estimates aggregating Rs. 3200 for the construction of an office building for the sub registrar of Valavanur, South Arcot District, and directing the Collr. of S. Arcot to submit the necessary draft declaration for the acquisition of the site required for the purpose.