

(1) Number of pages 22
(2) Date of repair 7.10.86
(3) Initials of the Referencer lay

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PW DEPARTMENT

G.O. No.	<i>4300 W</i>	Press.
B.P. No.		Mis.
Dated	<i>8. 11. 1878</i>	<i>197</i>

Not to be folded or roughly handled

4292
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4300
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

8th November 1878, No. 4,300 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 125. From Major H. SMALLEY, R.E., District Engineer, South Canara, to the Chief Engineer, Buildings and Roads, dated Mangalore, 21st September 1878, No. 58.

I HAVE the honor to submit an estimate, amounting to Rupees 2,300, on the standard plan for a Sub-Divisional Office to be constructed at Cundapur. The only office that exists at Cundapur at present is an Overseer's shed erected in 1868-59 at a cost of Rupees 100, to which some additions were made in 1867-68 at a cost of Rupees 70 and which was subsequently improved by Supervisor Mr. D'Mello at his own expense, who is using it as his dwelling house. It may be valued now at about Rupees 300. I would propose to keep this as an Inspecting Officer's Rest-house and to build a new Sub-Divisional Office on another site which, I am informed, is available.

2. Cundapur has been selected as the head-quarters of a Sub-Division in the proposed re-organization.

No. 126. ORDER THEREON, 8th November 1878, No. 4,300 W.

THE plan and estimate of Rupees 2,300, for constructing a Sub-Divisional Office at Cundapur, are sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 130 B of 1878-79.

(True Extract.)

Colonel, R.E.,
Secretary to Govt., P.W.D.

To the District Engineer, South Canara.
„ Examiner of Public Works Accounts.

Exd. E. C. Shunker.
Spars Copies

BUILDINGS AND ROADS
CIVIL WORKS.

Govt. of (1873) Madras
PUBLIC WORKS.

THE DISTRICT ENGINEER,
SOUTH CANARA.

TOVEMBER
Nos. 120170

Sub Divisional Office at Changanassery, South
Canara District. The plan and estimate
of June 2, 1873, for constructing a
wall and for execution when funds are
available.

Detailed Estimate No. 44 of 1873-74
South Canara District.

Work

Constructing Sub Divisional & Revenue Office
at Changanassery

4380
1/7

Detail of Work.

Detail of Work.	Number.	Measurements in feet.			Contents.	Total quantity of each description of work.
		Each.	Total.	Breadth or Thickness.	Height or Depth.	
Concrete below foundation						
Concrete for foundation of first rear & central of building						
do the front wall of first on upper floor						
do the end wall of first floor						
do the pillars in second floor						
do the retaining wall for lower pillars & upper floor						
do do on both sides in dollars						
do the screen wall in center						
do the pillars in ground						
do the pillars						

Detail of Work.	Number.	Length.		Breadth or Thickness.	Height or Depth.	Contents.	Total quantity of each description of work.
		Each.	Total.				
Foundations to retaining walls between pillars	9	5 ⁰ / ₈	45 ⁰ / ₈				89 ⁰ / ₈
do do in verandah	2	4 ⁰ / ₈	8 ⁰ / ₈				
do do do	2	4 ⁰ / ₈	8 ⁰ / ₈				
do the screen walls to screen rooms	2	5 ⁰ / ₈	10 ⁰ / ₈				
do do do	2	10 ⁰ / ₈	20 ⁰ / ₈				
do the steps	4	5 ⁰ / ₈	20 ⁰ / ₈				
Total of foundations							156 ⁰ / ₈
Screen wall to front wall	1	25 ⁰ / ₈	25 ⁰ / ₈				
do the pillars	12	1 ⁰ / ₈	12 ⁰ / ₈				
do the retaining walls to screen pillars	9	1 ⁰ / ₈	9 ⁰ / ₈				
do do in verandah	2	4 ⁰ / ₈	8 ⁰ / ₈				
do do do	2	10 ⁰ / ₈	20 ⁰ / ₈				
do the screen wall between rooms	2	1 ⁰ / ₈	2 ⁰ / ₈				
do do do	2	11 ⁰ / ₈	22 ⁰ / ₈				
Steps above	4	5 ⁰ / ₈	20 ⁰ / ₈				
Total of foundations							156 ⁰ / ₈

Detail of Work.	Number.	Measurements in feet.			Contents.	Total quantity of each description of work.	
		Length.		Breadth or Thickness.			Height or Depth.
		Each.	Total.				
<u>Superstructure</u>							
Front wall of screen and Sub-st. officers' rooms	1	28 1/2	28 1/2	1			
Pillars in end walls and verandah	14	1 1/2	21				
do in centre including landing	2	1 1/2	3	1 1/2	8	5 7/4	
do next to do	4	1 1/2	6	1 1/2	7	7 1/2	
do next to do	4	1 1/2	6	1 1/2	15 1/2	13 1/2	
do in both sides of verandah	4	1 1/2	6	1 1/2	4 1/2	10 1/2	
in office room	2	1 1/2	3	1 1/2	16 1/2	7 1/4	
do in both sides wall of do room	6	1 1/2	9	1 1/2	13	17 1/2	
Gable end over front wall of screen & sub-st. officers' rooms	1	28 1/2	28 1/2	1 1/2	4 1/2	19 1/2	
Rear wall of building intermediate between pillars including gable end	1	18	18	1 1/2	10	26 3/4	
End wall of do intermediate wall	2	18	36	1 1/2	8	32 1/2	
Front wall of office room including gable end	1	9	9	1 1/2	15	15 7/8	
Side walls of do do	2	9	18	1 1/2	13	26 3/4	
Partition wall between four rooms including gables	1	18	18	1 1/2	13	17 1/2	
do in the centre of do	1	24	24	1 1/2	17	46	

Detail of Work.	Number.	Measurements in feet.				Contents.	Total quantity of each description of work.
		Length.		Breadth or Thickness.	Height or Depth.		
		Each.	Total.				
Deduct space of doorways	4	3 1/2	14	1 1/2	7	147	283 1/2
do do do	4	3 1/2	14	1 1/2	7	147	105
do do do	2	3 1/2	7	1 1/2	7	36 1/2	36 1/2
do of windows	5	3	15	1 1/2	4	69 1/2	69 1/2
Flat arch work over doorway	4	4 1/2	17 1/2	1 1/2	1 1/2	39 1/2	39 1/2
do do do	4	4 1/2	17 1/2	1 1/2	1 1/2	39 1/2	39 1/2
do do do	2	4 1/2	9 1/2	1 1/2	1 1/2	20 1/2	20 1/2
do over windows	5	3 1/4	16 1/2	1 1/2	1 1/2	39 1/2	39 1/2
Total deduction						471 1/2	471 1/2
Total Cft of superstructure by deduction						283 1/2	283 1/2
Flat arch work as above calculated						105 1/2	105 1/2
Plastering inside the rooms							
Inside the rooms except office	1	48	92		10	2496	
do of office room	1	48	48		10	720	
Projection of pillars in rooms than the thickness	1	3 1/2	3 1/2		10	39 1/2	
of walls							
Over the soffits & ceiling							
over doorways	4	4 1/2	17 1/2	1 1/2		105	
do do do	4	4 1/2	17 1/2	1 1/2		105	
do do do	2	4 1/2	9 1/2	1 1/2		52 1/2	
Over soffits & ceiling of parlor	5	14	70	1 1/2		105	
Total square ft of plastering						3904 1/2	
Deduct space of doorways	4	3 1/2	14		7	147	
						147	

Detail of Work.	Number.	Measurements in feet.				Contents.	Total quantity of each description of work.
		Length.		Breadth or Thickness.	Height or Depth.		
		Each.	Total.				
Rough for wall							
Deduct space of doorways on battens	4	3 1/2	14	1 1/2	7	147	
Do of arch inside	5	3	15	1 1/2	4	60	
Total square feet 103							
Plastering by deduction 103							
Plastering outside the rooms							
Outside the main wall	1	28 1/2	28 1/2	5	10	370 1/2	
Do of end wall	2	29	58		8	464	
Do of front wall of office room	1	15	15		10	225	
Do of end wall of do	2	10 1/2	21		10	357	
Do of front wall of office room	2	5 1/2	11		10	155	
Plastering rooms for night over arch							
Pillars all round	3	6	18		8	144	
All round basement	1	102 1/2	102 1/2		2	205	
Sides of steps	3	8	24		1	24	
Total square feet 779 1/2							
Deduct space of doorways only outside							
Do of arch inside	5	3	15	1 1/2	4	60	
Total deduction 60							
Total plastering by deduction 719 1/2							

130

Specification Report to accompany
Plan and estimate for constructing Sub
Divisional & Revenue office at Kundapur.

The building is to be rectangular block,
measuring out to out over superstructure
 $42' \times 28\frac{1}{2}'$ ft, and comprising the following
accommodation. 5 Rooms (2 store, 1 officers,
1 Sub Divisional officers & 1 office) $12' \times 12'$,
and 2 verandahs on both sides of office
room $11\frac{1}{4}' \times 5\frac{1}{4}'$ in front.

Concrete

In bottom of all foundations, there
should be a concrete bed of 1 ft in depth, as
shown in plan.

laterite stone
Chunam.

The entire building foundation, base-
ment and superstructure shall be laterite
in Chunam. The laterite stones shall be of
best quality not too porous and free from
admixture of white earthy matter. They shall
be neatly trimmed to the ordinary size used
in the R.P.W. and carefully laid in English
bond throughout.

Flat Arch
work.

The heads of all openings will have
flat arches 18" thick. The stones will radiate
to the center.

Plastering.

The walls as provided in the detailed
estimate shall be plastered with chunam
consisting of 1 part of freshly burnt

pure lime to $1\frac{1}{2}$ parts clean white sand. All masonry joints shall be raked out previously to applying the plaster, all the walls of the building cleaned by washing liberal supplies of water over them. Water formed of jagged and galls shall be used for moistening when the plaster shall be neatly and evenly applied and brought to a level surface by wooden rubber care being taken that the surface is not too smooth or polished.

The masonry all round as well as the exterior walls of the building as provided in the estimate shall be pointed with clean mortar of the same, consisting as that used for plastering. Before pointing is commenced, the joints should be thoroughly saturated with water and raked out to $1\frac{1}{2}$ and should not be allowed to dry rapidly after the pointing is completed. The mortar specially prepared should be applied with a trowel under as much pressure as possible and the straight edge ruler placed against the wall just below the point to run it straight.

The pointing must then be rubbed over and polished with the trowel and soap stone. The pointing should be made at equal distances from each other following

Pointing

the bond of the latite stones & must be of uniform width $\frac{1}{2}$ " thickness $\frac{1}{4}$ " with sloping sides. 438/7

Flooring

The flooring is to be of latite jelly in chumam & must be made hard & smooth by being well beaten down and to top throughout to be plastered with 1 coat of chumam.

Roofing

The roof shall be gabled having a rise of $\frac{1}{3}$ the span, and made of common rafters (the rafters to be placed $2\frac{1}{2}$ ' apart from centre to centre) and of rafters, machine made laths and chumam borders.

Wood work.

Wood work shall be of good seasoned Bampur wood, free from flaws & sapwood, and carefully wrought up to specified scantling.

Doors & Windows.

All the doors shall be $\frac{1}{3}$ paneled & $\frac{2}{3}$ vertical. Windows $\frac{1}{2}$ paneled & half vertical.

All materials & workmanship to be of the best description and subject to the approval of the District Engineer and Divisional Officer.

Mangalore

H. H. H. H.

21st September 1893

District Engineer
Mangalore

No. 100
 District Court Office, Kansas
 In original & kept in 100.
 From

The District Engineer
Yacine.

The Chief Engineer
for Roads & Railways.

I have the honor to submit an estimate amounting to Rs 2500-0-0 on the Standard plan for a Sub Divisional office to be constructed at Gundapur. The only office that exists at Gundapur at present is an one-room shed erected in 1858-59 at a cost of Rs 100 to which some additions were made in 1867-68 at a cost of Rs 70 and which was subsequently improved by Supervisor Mr. Duncanson at his own expense, who using it as his dwelling house. It may be valued now at about Rs 300-0-0. I would propose to keep this as an Inspecting Officer's Rest house and

Dear friends
 I am sorry I have
 returned for another
 full summer & I
 receive office work
 from

4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000

and to a new Sub Divisional Office
on another site, which, I am in-
formed, is available.

Landapur has been selected
as the new Quarter of a Sub
Division in the proposed reorganization.

I have the honor to be

Sir,
your most obedt. Servt.

A. Hunter

Major R.E.
District Engineer
South Canara

Mr 1878
Roads and Buildings.

From No 10872
The District Engineer
South Canara
To
The Chief Engineer
for Roads & Buildings
Madras.

No 58.

Dated 25th September 1878.

No of Enclosures 1
* 1/2

Sub-Divisional Office Canara
Submitting for sanction an
estimate amounting to Rs 2,300
for the construction of

To Mr 1878

B & H
d. works

No 4300 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 8th Nov 1878.

Read the following:—

From,
The District Engrs.
South Canara } (N.E. Engr 58 of 21st Sept 78)

The plan and estimate
of Rs 2,300, for constructing
a Sub-Divisional Office
at Khandapur, are
sanctioned for execution
when funds are available.

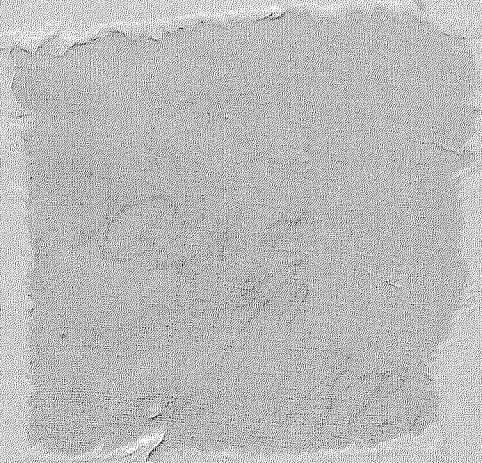
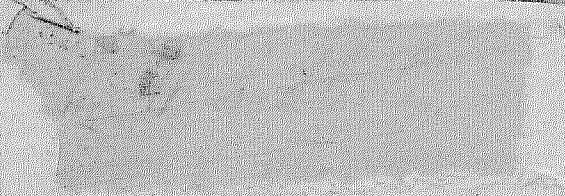
W. 5.10.78.

This sanction has been
registered as Provincial No. 130 B
of 1878-79.

Sd/- P. J. C. Engr
S. C. Canara
Engr P. J. C. Engr with Estimate

W. 5.10.78

Recd 13-10-78



To Cor 5-3-10-10
1-1-10

10872

Govt. of (1878) India.

PUBLIC WORKS

The OE South Canara

12-11

8-horn 4300m

805/24

Sub Divisional Office at
Canara - South Canara

The plan & estimate of
Rs 2300 for construct.
-ing a ~~sanctuary~~ ^{sanctuary} for
execution when funds
are available.

Encl. in No. 8.