Proceedings of the Madras Government, Public Works Department,
17th December 1874.

No. 357. Read the following letter from Captain J. W. HINDLE, Officiating District Engineer, Vizagapatam, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Vizianagram, 15th October 1874, No. 1,363:—

I HAVE the honor to submit herewith a plan and estimate* of the proposed Range Office at Yellamunchelly prepared in accordance with the instructions received from the late Inspecting Engineer for Buildings, and to request you will be good enough to obtain the sanction of Government for the same at your convenience.

* Rupees 2,320.
2 Plans.
1 Estimate.
1 Specification.
1 Report.

No. 358. ORDER THEREON, 17th December 1874, No. 3,550.

CIVIL WORKS, No. 27.

THE estimate is sanctioned, and the work will be carried out during the ensuing financial year if funds are available from the Reserve under "Provincial Civil Buildings."

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Vizagapatam.
„ Controller of Public Works Accounts.

Exd. E. C. Shunker.
Spare Copies

Abstract Estimate of the probable cost of constructing a Rang
Office with accommodation for an Overseer's Office and Stores, proposed
for N.I Range Elamunchelly Cy alterations & additions to the present
Police Station:-

Quantity	Description of work	Rate	Per Item	Amount	Total
834 3/4 or 30 11/12	Cyds of concrete work	1 6	Cy.	42 8 2	
4985 1/12 or 184 2/3	Do of Rough stone in chunam	1 14 -	Do	323 2 8	
105 or 3 9/27	Do of Brick work at shelves	2 10 6	Do	10 5 3	
461 1/4 or 17 1/12	Do of Brick work in chunam at the top of walls	2 10 6	Do	46 6 -	
45.50 1/2	Sqrs. of Plastering with 2 coats of chunam & whitewashing	2 6 8	Sqr.	109 15 4	
4.33 1/2	Do of flooring with asphalte 3/4 inch thick laid over concrete 6 inches thick	30 - -	Do	129 8 9	
17.92 1/2	Do of flooring with rectangular cut stone slabs in parallel courses laid on 6 inches of sand well rammed and jointed with bituminous mortar	11 - -	Do	197 2 9	
225 27/144 or 8 49/244	Cyds of Brick arch work in Chunam	4 12 -	Cy.	39 9 10	
89	Cft. of Palwood wrought and put up and coating the wood with Tar	2 4 -	Cft	200 4 -	
36.66	Sqrs. of Roofing with country wood rafters, and reepers, and nails, flat & pantiles, and Chunam borders &c, Coating the wood work with Tar	18 - -	Sqr.	659 14 -	
5	Pairs of Teak wood 1/2 venetian 8 1/2 pannelled doors with frames and iron fixtures &c complete (4 1/2 × 7 1/2) inside dimens to be provided at a, b, c, d, e	43 - -	each	215 - -	
15	Country wood planks for shelves marked on the Plan	- 6 -	Do	5 10 -	
3	Pairs of Teak wood batten doors with frames and iron fixtures &c complete (3 1/2				
				C.O. 1978	69

	(3½ × 6½) inside dimensions to Store, Record and Overseers Rooms	24	8	Each	73 8
1	——Do——Do——(3' × 5½)——Do——	20	-	Do	20 -
6	Pairs of Teak wood venetian windows with frames & iron fixtures &c complete (3½ × 5') inside dimensions to be provided at g, h, k, l, m, n, marked on the plan	28	-	Do	168 -
1	Batten window (2½ × 3')——	10	-	Do	10 -
6	Iron barred windows with teak wood frames shutters, and iron fixtures &c complete (3 × 4)	22	-	Do	132 -
3	Salwood trusses with tie beams, principal rafters, struts, and iron rod for King post & brackets &c complete	28	-	Do	84 -
10	Cut stone pillars with Chunam capital (1' × 1')	10	-	Do	100 -
9½	Sqrs. of Painting the doors windows with two coats of Verdigris	2	8	Sqr	23 12
	Making openings for doors and windows——				3 -
	Demolishing the walls of existing building colored grey in the Plan and removing the main and verandah roofs of the existing building				20 -
	Excavating foundation and filling in basement				10 -
	Contingencies and Superintendence——	7	8	Percent	192 5.8
					2815
	Deduct the probable value of materials such as wood, flat and pantiles that may be available from the Old Building——				180 -
	——Do—3 Iron barred doors that may be transferred to some other work——	25	-	each	75 -
	——Do—1——Do——Do——Do——				70 -
	——Do—1 Teakwood batten door (3½ × 6½)——				20 -
	——Do—2 Windows——	9	-	each	18 -
	——Do—7 Iron barred ventilators——	15	-	Do	105 -
	——Do—Palmyrah wood that can be realized by sale or transfer to some other work——				27 - 495
				Total Rupees	2320

This is to certify that the undersigned considers that this Estimate provides for every thing necessary, and that no supplementary works will afterwards be required.

(Signed) F. Brickwell C.E.
Assistant Engineer
Golugondah Range

No. 1 or Golugondah Range
Office Yellamunchelly
25th September 1874

M. M. Kindle Captain
Offg. District Engineer
Vizagapatam

Pub. Dept Dwg. No. 357.

P. W. 1847/24

Abstract Estimate of the probable cost of Covering the present Police Station at Yellamanchilly into a Range Office &c.

Estimate Rs. 2320

Report to accompany an Estimate of the Cost of constructing a Range Office with accommodation for an Overseer's Office and Stores for No. 1 Range Vizagapatam District by alterations and additions to the old Police Station.

Amount of Estimate Rs. 2320 comprising the following items:

30 11/12	Cyds of Concrete work	42-8-2
184 2/3	Do of Roughstone in Chunam	323-2-8
3 8/9	Do of Brick work at shelves	10-5-3
17 1/12	Do of Do at top of walls	45-6-0
45.50½	Sqrs of Plastering with 2 Coats of Chunam	109-15-4
4.33½	Do of Flooring with asphalte ¾ inch thick laid over concrete 6 inches thick	129-8-9
17.92½	Do of Flooring with rectangular Cutstone slabs in parallel Courses laid on 6 inches of sand well rammed and pointed with bituminous mortar	197-2-9
8 49/144	Cyds of Brick arch work in Chunam	39-9-10
89	Cft of Saul wood wrought & put up & Coating the wood with Tar	200-4-0
36.66	Sqrs of Roofing with country wood rafters, peepers, and nails, pan & flat tiles & Chunam borders &c Coating the wood work with Tar	659-14-0

C. P.

C.V. 1,757-12-9

5	Pairs of Teak wood ½ venetian and ½ pannelled doors with frames & iron fixtures &c. Complete (4½ × 7½) inside dimensions to be provided at a b c d e marked on the plan	215 — —
15	Country wood planks for shelves	5 — 10 — —
3	Pairs of Teak wood batten doors with frames and iron fixtures &c. Complete (3½ × 6½) inside dimensions to Store, Record and Overseers Rooms	73 — 8 — —
1	Do — Do — (3 × 5½) — Do	20 — — —
6	Pairs of Teak wood venetian windows with frames and iron fixtures &c. Complete (3½ × 5) inside dimensions to be provided at g. h. k. l. m. n marked on the plan	168 — — —
1	Batten Window (2½ × 3)	10 — — —
6	Iron barred windows with teak wood frames, shutters & iron fixtures & Complete (3 × 4)	132 — — —
3.	Saulwood trusses with tie beams principal rafters, struts and iron rod for king posts and brackets &c. Complete	84 — — —
10	Cutstone pillars with chunam Capitals (1¼ × 6½)	100 — — —
9½	Sq.rs of Painting the doors & windows with two coats of Verdigris	23 — 12 — —
	C.O.	2,589-10-9

	Making openings for doors & windows	3 — — —
	Demolishing the walls of existing building colored grey in the Plan and removing the main and verandah roofs of the existing building	20 — — —
	Excavating foundation and filling in basement	10 — — —
	Contingencies and Superintendence	192 — 5 — 0
		2815 — — —
	Deduct the Amount as per Abstract Estimate	495 — — —
	Total	2320 — — —

The necessity of the work, is due to the fact, that the building at present used as a Range office is built of mud, and thatched. The Stationery books &c are consequently at the mercy of white ants from the building being thatched and in close proximity to the village, it is in danger of fire. The accommodation it affords is insufficient for the Range Establishment having no rooms for the Overseer and stores and is of such an unsubstantial nature, that it cannot be expected to last much longer.

No. 1 or Golugondah Range
Office Gollamunchelly
25th September 1874

(Signed) F. Bruckwell C.E.
Asst. Engr. Golugondah Range

Encl.

M. Wardle, Captain
Offg. District Engineer, Vizagapatam

Specification to accompany a Plan and Estimate of Range Office with accommodation for an Overseers' Office and stores proposed for N.I or Goligondah Range, Eblamunchelly, by alterations and additions to the present Police Station

Amount of Estimate Rs. 2320

work — To be 1 foot thick under the foundations throughout the new walls and to project 6 inches on either side of the bottom of the foundations.

The concrete is to be composed of one part of broken brick, two parts of broken stone, two parts of coarse sand, and one part of kunker lime, and is to be laid in a semifluid state and well rammed and allowed to set before the foundations are put on.

sonry in chunam — All the foundations, basement and walls are to be of Rough stone in chunam.

rk in chunam — The top of all the new walls are to be of brick in chunam, built to a depth of 1½ feet over the rubble masonry and also the wall where the shelves are to be of brick in chunam. The bricks for the work to be well saturated with water, and laid in regular bonds. The object of this work is ~~to~~ protection to the roof from white ants.

ch work — To be built of well burnt bricks neatly dressed. The doors and windows through the main rooms are

P.W. 6247/74
2

Report to accompany and Estimate for the Roof of Construct ing a Range Office with ac- commodation for an Ove- seers Office and Stores for N°I Range, Eblamunchelly District by alteration & additions to the old Police Station.

P.W. Dy 117 Dec 74
Ln 13 No: 357

are to have segmental arches, with a rise of 18 inches and those of the verandah Rooms are to have 6 inches rise. The arch, ways in the Store are also to have a segmental arches with a rise of 3 feet and those of the Record Room are to have semi-circular arches. The arch work is to be 18 inches thick throughout.

Chunam

For arch work to be one part of kunker Lime to 1½ of sand, for rubble masonry to be one part of kunker Lime to 2 Clean Sharp sand

Plastering & white and grey washing.

The whole of the New walls are to be plastered with two coats of Chunam and the New and existing walls are to be white washed inside and the outer face of the walls to be grey washed.

Flooring with Cut stone slabs

The floors of the Range Officers and Clerks Rooms and Overseer's Rooms Verandah and steps are to be paved with rectangular cutstone slabs. not less than 3" inches thick in parallel courses, and pointed with Betumenous mortar, Laid on a bed of sand 6" inches thick well rammed.

Flooring with asphalte

The floors of the Record rooms and Stores are to be asphalted 3/4" inch thick Laid over concrete 6" inches thick.

Roofing

The whole of the building is to be recovered with tiling on country wood rafters, reepers, nails, flat and pantiles, resting on Saulwood Trusses, purlins, ridge beams and wall plates.

Wood work

All the wood work used in the roof throughout the building with the exception of rafters is to be of the best Salwood free from cracks and flaws.

Doors & Windows

The Main Rooms are to have 5 pairs of Teak wood ½ venetian and ½ pannelled doors and 6 pairs of venetian windows. The Record Room is to have one pair of teak wood batten doors and two pairs of iron barred windows with teak wood shutters. The Store and Overseer's Rooms are to have two pairs of Teak wood batten doors and four iron barred windows with shutters and one pair of batten doors and barred window to Bath Room. The doors and windows are to be ~~coated~~ painted with two coats of verdigris, green paint and to be prepared according to the dimension shown on the drawing, which are all to be taken to the inside of the frames.

Shelves

There will be five shelves inside in the wall of the Clerk's and Overseers Rooms for the purpose of receiving Records.

/Signed/ F. Brickwell C.E.
Assistant Engineer No I Range

No I or Golugundah Range
Office Gollamunchelly.
25th September 1874

W. Weedle Captain
Offg. Distrct Engr. Vizagapatam

No. 1363

District Engineers Office
Camp Vizianagram
15th October 1874

8

From

Captain J. W. Hindle
Offg. District Engineer
Viragapatam

To

Colonel G. W. Walker R.E.
Secretary to Government P.W.D.
Madras

Sir

I have the honor to submit herewith a
Plan and Estimate* of the proposed Range Office at
Yellamunchelly prepared in accordance with the in-
structions received from the late Inspecting Engineer
for Buildings, and to request you will be good enough
to obtain the sanction of Government for the same at
your convenience.

* Rs. 2320-0-0

I have the honor to be

Sir

Your most obdt. Servt.

J. W. Hindle Captain

Offg. District Engineer, Viragapatam

P.W.D. No. 1147 Dated 15th October 1874
P.W. 6842 1363

Specification to accompany
a Plan and Estimate of Range
Office with accommodation
for an Overseer's Office and
Stores proposed for the New
Golugondah Range Yella-
munchelly by alteration &
additions to the present Police
Station.

Estimate Rupees 2320

From District Engineer Vizagapatam
No 1363 dated 15th October 1874
Recd 20th ditto
Recd 2nd Nov 1874
Memorandum

The Chief Engineer
to Government
Military Department
Madras

Sir

I have the honor to forward
herewith for the sanction of
Government the plan and estimate
amounting to Rupees Sixty
three thousand Eight hundred
and Forty only
for the erection of
a Range Office
at Yellamanchilly

The accommodation
-tion in existence
the building under-
-standing under
-neath and not ex-
-tended to last launch
-ing.

I have
&c &c

Sd/ [illegible]
Executive Engineer

Duplicate

P. W. 1874 Department.
Original for Despr
From No. 6847.
The Offg District Engineer
Vizagapatam

To
The Secretary to Government
P. W. D.
Madras

Dated 15th October 1874
Despd. 20th ditto
Recd 2nd Nov 1874.
No. 1363

Enc. 5.

Submitting for sanction
Plan and Estimate of the
proposed Range Office
at yellamanchilly

E. C. No. 3550. 17-12-74.

Ar 357

Lr 8-12-74
Dupe 6 Ack 3 Nov 74

been provided for the
Police in the new Jail
chery at Yellamanchelly
-chelly lately built it
is presumed that the
old station house is avail-
-able but this should
doubtless have been
explained by the District
Engineer in his letter
of the 15th Oct 1874

Chief Engineer &c &c

P. W. D. 10

Proceedings of the Madras Government,

Under date the 187 .

Read the following:—

From

The District Engineer
Vizagapatam } (D.L. No 1363 dy 15th Oct 1874)

3550

The Estimate is sanctioned, and the work will be carried out during the ensuing financial Year if funds are available, from the Recurring under "Provincial Civil Buildings".

Sd/ C. A.

Sd/ W.

8/12

D. E. Vizagapatam
Controller
Despatched 18/12/74.

6847

Govt. of {1874} Madras.

PUBLIC WORKS.

To

The Secy.
Govt.

Dated

Recd. Encl. 5

G. O. No. 3552

Nos. 3572 58

Range Office at Yella-
-manchelly Vizagapatam
District- Estimate for
the construction of the Office
sanctioned, and the work to
be carried out during the
ensuing financial year
if funds are available
from the Revenue under Pro-
vincial Civil Buildings"-