Archives I—10,006—16-8 77

(1) Number of pages 86

(2) Date of repair 11-7-86

(3) Initials of the Reference Cwz

AMIL NADU ARCHIVES

VERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. 225 W Press.
~~B.P. No.~~ ~~Mis.~~

Dated 22-5-1878 ~~197~~.

be folded or roughly handled

2254/1

GOVERNMENT OF MADRAS

PUBLIC WORKS DEPARTMENT.

22nd May 1878, No 2,254 W.

Buildings and Roads
Civil Works

Read the following papers —

No 264. From W. A. GOODCHAP, Esq, District Engineer, Kurnool, to the Chief Engineer, Buildings and Roads, dated 11th September 1877, No 47-1,832

I HAVE the honor to submit, herewith, the undermentioned plans and estimates for the construction of Sub-Magistrates' Cutcherries at Peapalli and Owk in the Pattikondah and Koilkuntla Taluqs of this district.

2 The plan and estimates as called for in your No $\frac{T}{739}$ of 11th July 1876 for the cutcherries are drawn up in accordance with the standard design of 13th March 1876, and those for the out-houses are according to the design circulated with G O, No. 1,014, of 20th April 1874, the only deviations which were necessary to be made are the depths of foundations and thickness of the walls in consequence of the nature of the soil and the materials being stone instead of brick-in-chunam

Owk—
1 Abstract estimate for Rupees 14,100
1 Report
1 Detail estimate for main building
1 Do for out-houses
1 Plan in tracing
1 Statement

Peapalli—
1 Abstract estimate for Rupees 11,922
1 Report
1 Detail estimate for main building
1 Do for out-houses
1 General specification
1 Statement showing the difference of quantities between standard and revised design

---

No. 264-A. From W B CHRISTIE, Esq, Officiating District Engineer, Kurnool, to the Deputy Chief Engineer, Public Works Department, dated Camp Elduiti, 25th February 1878, No 179—3,462

I HAVE the honor to resubmit the undermentioned revised plans and estimates for the construction of Sub-Magistrates' Cutcherries at Peapalli and Owk in the Pattikondah and Koilkuntla Taluqs of this district, having obtained the counter-signature of the Collector as directed in your memorandum, No. 3,127, dated 9th October 1877 —

Peapalli—
1 Abstract estimate for Rupees 11,802
1 Report.
1 Detail estimate for main building
1 Do for out-houses
1 General specification
1 Statement showing the difference of quantities between the standard and revised designs

Owk—
1 Abstract estimate for Rupees 14,100
1 Report
1 Detail estimate for main building
1 Do for out-houses
1 Plan in tracing
1 Statement as above

No 264-B From Major J. W. HINDLE, R E, District Engineer, Kurnool, to the Chief Engineer, Public Works Department, dated 10th May 1878, No 28-299

WITH reference to your memorandum, No 1,466, dated 23rd March 1878, returning the site plan of the Sub-Magistrate's Cutcherry at Peapalli, and directing to furnish with sections of trial pits and a survey showing the site of the cutcherry and some adjacent permanent buildings, I have the honor to forward a plan showing the sections of trial pits for foundations of cutcherry and out-buildings with the description of soil met with

2 The foundation of the building will rest on hard gravel.

3 The site of the proposed building is about 450 yards south-west of the village of Peapalli, about 80 yards east of the road from Kurnool to Gooty, and about 200 yards from the 48th milestone on that road.

4. The travellers' bungalow is situated to the south-east, and is nearly 130 yards from it The Deputy Collector's Cutcherry and the Union School are nearly 250 yards in the same direction.

5 The survey plan called for is also herewith submitted. The above permanent buildings and the site of the trial pits are marked in it

6 There is no appearance of settlement in any of the buildings named above.

7 The site plan is herewith resubmitted.

No 265. ORDER THEREON, 22nd May 1878, No 2,254 W.

THE plans and estimates for the undermentioned works in the Kurnool District are sanctioned —

		Rs	Register No	
1	Constructing Sub-Magistrate's Cutcherry at Peapalli ..	11,802	30	B of 1878-79
2	Constructing Sub-Magistrate's Cutcherry at Owk	14,100	31	

2 The buildings are included in the list of works approved for execution in G O, No 1 691, dated 24th June 1874

3 No funds are available for the works at present

4 This sanction has been registered as Provincial and numbered as shown above.

(True Extract)

(Signed) E A FOORD, Colonel, R E,
Secretary to Govt, P.W.D.

(True Copy)

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

To the District Engineer, Kurnool
„ Examiner of Public Works Accounts.
„ Judicial Department

Exd. C. Howarth.

Spare Copies

2254

BUILDINGS AND ROADS,
CIVIL WORKS.

Govt. of (1878) Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
KURNOOL,
&c, &c, &c.

Dated May 22nd.

Issued

Recd

Encl

G O, 22nd May 1878, No 2251 W.

Read.

Res. 234 P.C.

Circulated in G.O No 642 of 13th March 1876.

Report to accompany the Estimate for Construct-ing a Sub-Magistrate Cutcherry, Subsidiary Jail and Outhouses at Owk in Kowilagunta Taluq

2254/3

Amount of Estimate Rupees 14,100 as per Abstract Estimate accompanying and Consist-ing of the following items

Main Building	Rupees	9900
Ryots Shed	"	1,160
Cook room	"	610
Jail Latrine	"	830
Public	"	1,290
Compound wall	"	35
Gate	"	54
Planting hedge	"	112
Excavating trench, forming Embankment and compensation for land		109
Total Rupees,		14,100

The building is to be built agreably to the Standard Plan; it is to be raised on a basement 1½ feet high, and the foundations are to be Sunk 7 feet deep throughout.

The main building consisting of

of

Deputy Jaheldar Court—— 25'x16'
Clerk's room———— 16'x12'
Record——"———— 16'x12'
Police———— 22½x16
2 Wards for 6 males—each—— 15'x16'
2 Do for 3 females—"—— 15'x8'
Surrounded by an open Verandah 6'6" in breadth——

The foundation trenches are to be excavated until hard soil is come to.

The whole of the bottom of the trench is to be well rammed with a heavy rammer until it is consolidated. The trench should not be cut wider than is required to receive the concrete. Foundation trenches

The foundation will consist of stone Concrete in Chunam on concrete bed.

The principal walls are to be 12 feet high and 2 feet thick & Cross walls 1½ ft thick. The verandah pillars are to be of wood 8 feet high and 6 inches square resting on a basement wall 1 feet thick 1½ feet high Superstructure

The foundations and basement are to be built of hammer dressed stone in Chunam.

The walls above will be built of stones of a uniform size, hammer dressed in Chunam with bond Stones every 5 feet horizontally and 3 feet vertically.

The roof is a single trussed roof with tie beams and Iron King posts, and rafters together with the pelpers. All wood works are to be of Teak of the best description, well seasoned 22½x

The roof is to be covered in with the best flat tiles and single course of pan tiles above.

The flooring is to be of Stone Slabs 18 inches Square pointed with Chunam laid over bed of Concrete 4 inches thick, well watered and tamped.

The flooring of the Jail wards to be asphalted

Doors to the Court Office room &c are to be of Teak wood ⅓ panelled and ⅔ Venetianed painted with Carson's mineral paint

The Jail wards are to have iron grated doors according to Standards designs

The Exterior parts of the buildings are to be pointed with Chunam throughout and the interior plastered with 2 coats & washed

The out offices consisting of a cook room, Ryots Shed, Jail and Public Latrines will be built according to dimensions shown in the Plan* The Masonry flooring, plastering &c are to be as specified for the Main building with the exception of the flooring to Latrines which are to be of Concrete, asphalted; Cook room having a basement of 1 foot above the foundations which latter are to be Sunk 5½ feet deep of which 1 foot will be concrete. The roofing to the cook house and Latrines are to be of same description, as that used for Main buildings, but omitting flat tiles under pan tiles as ordered by the Chief Engineer in Memo. No. I/739 of 11th August 1874. Para 5. The Compound wall is to be 5 feet high and 1½ feet thick to a length of 10 feet on each side of the gateway, and the remainder is to be cut in trench.

The earth taken from this trench is to form an Embankment

A gate and planting hedge are included in the Estimate

* Drawing No 20 Circulated with G.O No 1014 of 20th April 1874

District Engineers office
Kurnool
11th September 1877
Dept. 13 No 20
Ch. Sec.

E. J. Gueck
District Engineer

From

The District Engineer
Kurnool

&c

The Chief Engineer
for
Roads and Buildings

Dated 13th September 1877
Despd 13th
Recvd

Report to accompany the Estimates for constructing a Sub-Magistrate Cutcherry, Subsidiary Jail and out houses at Cork in Nandiyaguda Taluq.

No 246

Provincial

Revenue Left

Military

Imperial Service

Civil

Miscellaneous

Original WORK

2257/6

KURNOOL DISTRICT

BUILDING

DETAILED ESTIMATE No 16 OF 1877-78

Kurnool RANGE Pattikonda TALUQ Peapally VILLAGE

WORK – Constructing a Sub-Magistrate Cutcherry and out houses at Peapally.

PARTICULARS OF WORK	No	MEASUREMENTS Length	Breadth	Height	Contents
Brick Building					
Excavation Foundation					
Walls all round to Mens and Womens wards	1	143	4	3½	2002
Cross walls in — Do	3	13	3½	3½	478
Walls all round Dy. Tahsildars Court	1	90	4	3½	1260
Front & rear walls to Clerks, police and record	2	47½	4	3½	1330
Cross walls in — Do	2	14	3½	3½	343
Verandah walls all round	1	219	2½	3½	1916
Partition walls to Returned Room	2	3¾	2½	3½	66
Steps front of Dy. Tahsildars court	2	10	2¼	1	45
— Do — Police Guard	2	7¾	2¼	1	35
Total C feet of Excavating Foundation					7475
— Do — Cyds of — Do			Do	276 23/27 or	277
Masonry Foundation					
Walls all round to Mens & womens wards	1	143	3½	3½	1751
Cross walls in — Do	3	13½	3	3½	425
					2176

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Court Room walls	1	90	2	12	2160
Clerk's room, record & Police room walls	2	39½	2	12	1896
Gables to Court room walls	2	20	2	3½	280
Cross walls in Police, record &c &c	2	16	1½	12	576
Gables in —D°—	2	20	2	3½	280
D° — D°	2	20	½	3½	210
Jail outer walls	1	143	2	12⅓	3527
Jail partitions	3	15	1½	12⅓	832½
D° — Gables	3	19	1½	3¼	185
Returns room walls	1	32	1	8	256
D° — and triangular parts	2	6½	1	2¼	29
Total					10231½
Deductions					
Doors	10	4	2	4	320
D°	1	4	1½	4	24
Jail Doors	6	4	2	3¾	180
Returns room —D°—	1	2½	1	3¾	8
D° — Windows	2	2	1	2	8
Police Guard — D°	2	3½	2	2½	35
Jail Ventilators	6	4	2	2½	120
Court Room —D°	2	8	2	1½	48
Total Cft of Deductions					743
Total Cft of Superstructure less deductions					9488½
Total Cyds of —D°— D°					351

Transf

Superstructure

Walls all round to Court room & Police room — 1 — 90 — 3½ — 3½ — 1102

Front & rear walls to Clerk's record & police rooms — 2 — 48 — 3½ — 3½ — 1176

Cross walls in —D°— — 2 — 14½ — 3 — 3½ — 305

Verandah walls all round — 1 — 220 — 2 — 3½ — 1

Cross walls to returns room — 2 — 4¼ — 2 — 3½ — 5

Steps to Court room — 2 — 10 — 2½ — 1 — 50

—D°— to Police Guard — 2 — 8 — 2½ — 1 — 40

Total Cft of Masonry in foundation — 644

—D°— Cyds —D°— —D°— — 239

Basement

Walls all round to Men's & women's wards — 1 — 143 — 2½ — 1½ — 537

Cross walls in —D°— — 3 — 14½ — 2 — 1½ — 130

Walls all round to Court room — 1 — 90 — 2½ — 1½ — 337½

Front & rear walls to Clerk's record and police rooms — 2 — 49 — 2½ — 1½ — 367½

Cross walls in —D°— — 2 — 15½ — 2 — 1½ — 93

Verandah walls all round — 1 — 219½ — 1 — 1½ — 329

Cross walls to returns room — 2 — 5¼ — 1 — 1½ — 16

Steps to Court room — 2 — Volume — 26 — 52

—D°— to Police Guard — 2 — D° — 23½ — 47

Total Cft of Basement — 1908½

—D°— Cyds of —D°— — 71

Range Office.
187

Range Officer.

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
N B. Half the quantity of void is deducted for the other half covering the cost of curtain &c.					
Ceiling in Ins					
Court room	1	71 1/2	41/2	1 1/2	570
Police, Clerks & record rooms	1	45	15 1/2	1 1/2	1046
Jail	1	46	14 1/2	1 1/2	1000
Veranda h	1	207	5 3/4	1 1/2	1630
Total Cft of Ceiling in basement					4.246
Do Cyds Do Do					157
Teakwood					
As per printed Estimate	Cft				629
Wrought iron in trusses					
As per printed Estimate	lbs				121.65
Boarded windows, louvres and frames					
As per printed Estimate	Sq ft				419
Ballen doors for Jail wards					
As per printed Estimate	Do				180
Iron barred shutters for Jail ward					
As per printed Estimate	Sq ft				147
Ventilators Louved, fanlights &c for tiles of Court &					
As per printed Estimate	Sq ft				36
Ventilators with Iron bars for Jail wards					
As per printed Estimate	Square feet				6

Particulars of work	Number	Measurement in feet Length	Breadth	Height	Content.
Pointing doors & windows & Exposed woodwork &c &c					
As per printed Estimate	Squares				37.49
Pointing Exterior walls					
Court room	1	69	.	12	828
Police, record & Clerks room	2	39 1/2	.	12	948
Jail	1	125 3/4	.	12 1/3	1551
Plinth all round	1	321 1/4	.	1 1/2	482
Retiring room	1	33 1/2	.	8	268
Do Ends	2	6 1/2	.	2 1/4	29
Total Squares of pointing					41.06
Plastering & coating under					
As per printed Estimate	Squares				61
Floors with Cement Plastering					
Court room	1	16	.	25	400
Police, record & Clerks room	1	46 1/2	.	16	744
Veranda h	1	207 1/2	.	5 3/4	1193
Door frames	10	4	.	2	80
Do	1	4	.	1 1/2	6
Do	2	10	.	2	40
Do	1	2 1/2	.	1	2 1/2
Total Square feet of flooring with plastering &c					2465 1/2
Total Squares Do Do					24.65
Tiled roofing with Flat & pantiles including ridges					
Court room	1	32	.	24	768
Police, record. and Clerks room	1	61	.	24	1464
Cross walls all round & By Jail & Court	1	90	4 1/2	1	405

Particulars of work	No	Measurement in feet			Contents
		d	B	d	
Dail	1	64	"	25	1600
Veraudah	1	210	"	9½	1995
Solab Square feet of roofing					5827
Solab Squares Do					58
Floors with Cot lath					
As per printed estimate	Squares				7.56
Stone under trusses					
As per estimate	8	in Number			8
Layers lead on Cane Sheets 4 feet wide 18 lbs					
As per estimate	Lineal feet				123
Exterior drain Do					230
Circular drain round tope tree					8.

District Engineers Office
11th September 1877
Despd 13th Do

A.H. Goodchap
Distt Engineer

KURNOOL DISTRICT

BUILDING — DETAILED ESTIMATE No 46 OF 1877-78 — Civil WORK

2254/9

Nandial RANGE Rovilaguntla TALUQ Owk VILLAGE

WORK Constructing a Sub-Magistrates Cutcherry out houses &c at Owk.

Particulars of work	No	Measurements in feet Length	Breadth	Height	Contents
Main Building					
Excavation for foundation					
Walls all round to Mens & womens wards	1	143	5½	7	5,505½
Cross walls in Do	3	11½	5	7	1207½
Walls all round to Dy. Tahsildars Court	1	90	5½	7	3465
Front and rear walls to Clerks & record x Colnc	2	46	5½	7	3542
Cross walls in Do	2	12½	5	7	875
Veraudah walls all round	1	216½	4	7	6062
Partition walls to Returned rooms	2	2¼	4	7	126
Steps front of Dy Tahsildar's Court	2	10	1½	1	30
Do Police guard	2	7	1½	1	21
Total cubic feet of Excavating foundation					20834
Do Cycle Do		Do		Do	772
Concrete under foundation					
Walls all round to Mens & womens wards	1	143	4½	1	643½
Cross walls in Do	3	12½	4	1	150
Walls all round to Dy. Tahsildars Court	1	90	4½	1	405

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Front & rear walls to Clerks, record & Police rooms	2	47	4½	1	423
Cross walls in Do	2	13½	4	1	108
Verandah walls all round	1	217½	3	1	652½
Cross walls to petiring room	2	3¼	3	1	19½
Total C.F.t. of Concrete					2401½
Do C.Y.d. of Do					89
Men's Wards:					
Walls all round to Men's & womens wards	1	143	3¼	6	2788½
Cross walls in Do	3	13¾	2¾	6	681
Walls all round to Dy Tahsildars Court	1	96	3¼	6	1755
Front & rear walls to Clerks, record & Police rooms	2	48¼	3¼	6	1882
Cross walls in Do	2	14¾	2¾	6	487
Verandah walls all round	1	219¾	1¾	6	2297
Cross walls to petiring room	2	4½	1¾	6	94½
Steps to Deputy Tahsildars Court	2	10	3	1	60
Do Polie Guard	2	8½	3	1	51
Total C.F.t. of Masonry in Foundation					10096
Do C.Y.ds Do					374
Women's Wards:					
Walls all round to Men's & women's wards	1	143	2½	1½	536
Cross walls	3	14½	2	1½	130½
Basement					666½
Walls all round to Dy. Tahsildars court	1	90	2½	1½	337½
Front & rear walls to Clerks, record & Police rooms	2	49	2½	1½	367½
Cross walls in Do	2	15½	2	1½	93
Verandah walls all round	1	219½	1	1½	329
Cross walls to petiring room	2	5¼	1	1½	16
Steps to Dy. Tahsildars court	2	Volume		26	52
Do to Police Guard	2	Do		23½	47
Total C.F.t. of Basement					1908½
Do C.Y.ds of Do					71
Superstructure					
Court room walls	1	90	2	12	2160
Gables to Do	2	20	2	3½	280
Police, record, & Clerks rooms & front & rear walls	2	39½	2	12	1896
Do Cross walls	2	16	1½	12	576
Gables in Do	2	20	2	3½	280
Do Do	2	20	1½	3½	210
Jail outer walls	1	143	2	12⅓	3524
Jail partitions	3	15	1½	12⅓	832½
Do Gables	3	19	1½	3¼	185
Retiring room walls	1	32	1	8	256
Do Extra triangular parts	2	6½	1	2¼	29
Total					10231½

Range Officer

Range Office.

137

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Deductions					
Doors	10	4	2	4	320
Do	1	4	1½	4	24
Jail Doors	6	4	2	3¾	180
Returng room Doors	1	2½	1	3¼	8
Do Windows	2	2	1	2	8
Police Guard Do	2	3½	2	2½	35
Jail Ventilators	6	4	2	2½	120
Court room Do	2	8	2	1½	48
Total C/f of Deductions					743
Total C/f of Superstructure less deductions					9488
Do C/f of Do	Do				351

N.B. Half the quantity of void is deducted, the other ha covering the cost of centering and archwork.

Filling in basement

Court room	1	24½	15½	1½	570
Police, Clerks & record rooms	1	45	15½	1½	1046
Jail	1	46	14½	1½	1000
Veranda's	1	207	5¼	1½	1630
Total C/f of filling in basement					4246
Do C/f Do	Do				15[illegible]

Teak wood

As per printed estimate				C/f	629

Wrought iron in trusses

As per printed Estimate				C/f	121.63

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Doors and windows Venetian and panel					
As per printed estimate		1/88			419
Batten doors for Jail wards					
As per printed estimate		1/88			180
Iron barred Shutters for Jail ward					
As per printed Estimate		2/81			147
Ventilators Venetian fan gables of Court Guard					
As per printed estimate		2/36			36
Ventilators with Iron bars for Jail wards.					
As per printed estimate		3/20			60
Painting doors & windows & external wood work & roof					
As per printed estimate	squares				34.49
Painting Interior walls					
Court room	1	69 "		12	828.
Police, record and Clerks room	2	39½ "		12	948
Jail	1	125¾ "		12/3	1551
Plinth all round	1	321¼ "		1½	482
Returng room	1	33½ "		8	268
Do Ends	2	6½ "		2/4	29
Total Squares of Painting					41.06
Plastering & washing interior					
As per printed Estimate	Squares				67
Flooring with Square Nail Stones					
Court room	1	16 "		25	400
Police record and Clerks rooms	1	46½ "		16	744
Veranda's	1	207½ "		5¾	1193
Door pines	10	4 "		2	40

Door jams	1.	4	0	1½	6
Do	2	10	0	2	40
Total Square feet of flooring with Squares					2465½
Total Squares Do	Do				24.65
Tiled roofing with flat & fan ventilating ridges					
Court room	1	32	0	24	768
Police record and Clerks rooms	1	61	0	24	1464
Jail	1	64	0	25	1600
Verandah	1	210	0	9½	1995
Total Square feet of roofing					5827
Total Squares Do					58
Flooring with asphalte					
As per printed Estimate	Squares				7.56
Stone under trusses					
As per Estimate	8	in number			8
Lying Lead or zinc Sheets to the valleys 18 inches wide					
As per estimate lineal feet					123
Exterior drain Do					23
Circular ornaments for trusses					8

District Engineers Office
11th September 1877
Despd 13th Do

P. Gordekaff
District Engineer

A. Lopez

Total C. Yards of Stone in Chimneys 70

225/57

From

The District Engineer
Kurnool

To

The Chief Engineer for
Roads & Buildings

Dated 11th
Despd 13th
Received September 16th 77

Detail estimate for
Constructing a Sub magistrate's
Cutcherry Out houses &c at
Owk.

No 46

KURNOOL DISTRICT

BUILDING DETAILED ESTIMATE No. 46 OF 1877-78 WORK

2254/13

Vandial RANGE Kotgunta TALUQ Owk VILLAGE

WORK Constructing out houses for Sub-Magistrate Cutcherry at Owk

PARTICULARS OF WORK	No	MEASUREMENTS Length	Breadth	Height	Contents
Walls all round	1	62	4	5½	1364
Total C yards					51
Under foundation	1	62	4	1	248
Total C yards of concrete					9
Do alls all round foundation & basement	1	62	2 9/11	5½	961
Do Superstructure	1	62	1½	10	930
Gables	2	13½	1½	2½	101
Steps	1	16½	1	1	16½
Total C. feet					2,008½
Deduct for openings	2	4	1½	9	108
Total C feet less deductions					1900½
Total C. Yards of Stone in Chunam					70

Particulars of work					
Filling in basement	2	16	12	1/2	96
Total C. yards of filling in basement					4
Wood					
Wall plates	2	21/2	4"	4"	5
Eaves board	2	21/2	1"	7"	2
Do	2	22	1"	7"	2
Total C. feet of teak wood					9
Tiled roofing in Mortar	1	22	"	22	484
Total Squares of tiled roofing complete					4 3/4
Plastering					
Interior	1	56	"	9	504
Gables	2	12	"	2/2	60
Exterior	2	15	"	2/2	75
Total Sq feet of plastering					1,251
Total Squares of Do					12/2
Flooring					
Room	1	16	12	"	192
Total Squares of flooring					2
Excavation					
Walls all round	1	102	4	5 1/2	2244
Seats	2	16	3	2	192

2254/14

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Earth Store wall	1	10/2	1	2	21
Cisterns	2	4	4	5	160
Total C feet of Excavation					2,617
Total C. Yards of Do					97
Concrete					
Under walls all round	1	102	4	1	408
Seats	2	16	3	1	96
Earth Store wall	1	10/2	1	1	10/2
Cisterns	2	4	4	1	32
Total C feet of Concrete					546
Total C. yards of Do					20
Stone in Chunam					
Outer walls of foundation & basement	1	102	29/2	5 1/2	1581
Seats foundation	2	16	3	1	96
Cisterns	2	8/2	1	3/2	59/2
Do	2	3	4	1/2	12
Earth Store wall	1	13	1	1	13
Seats	10	2	2	1/2	20
Pillars	12	1/2	1/2	8/2	229/2
Total C feet of Stone in Chunam					2011
Total C yards of Do					75
Stone Combwork with tiles					
Between pillars	2	10	"	8/2	170
Do	8	7	"	8/2	476
Do	1	4	"	8/2	34
Total Sq. feet of Honey comb work					680
" Total Squares of Do					7

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Teak wood					
Breast Summers	2	45	5"	7"	22
Eaves board	1	132	1"	7"	6
Total C feet of Teak wood					28
Teak for Iron Cornice					
As per printed estimate of 20th April 1874			Squares		9½
Flooring					
As per printed Estimate			Squares		14
Flooring with asphalte					
As per printed Estimate			D°		4½
Teak doors over cistern					2
Iron buckets					4
Total Latrine					
Excavation					
Outer walls front & rear	2	27½	4	5½	1210
Cross walls	3	7½	4	5½	495
Seats	1	18	3	2	108
Cistern	1	4	3	3	36
Total C feet of Excavation					1849
Total C Yards of D°					68

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Concrete					
Outer walls front and rear	2	27½	4	1	220
Cross walls	3	7½	4	1	90
Seats	1	18	3	1	54
Cistern	1	4	3	1	12
Total C feet of Concrete					376
Total C. yards of D°					14
Stone in Chunam					
Outer walls foundation	1	70	2½	4½	787
Partition wall	1	9	2	4½	81
Seats	1	15	3	1	45
Cistern	2	4¼	9"	2	13
"	2	1½	4	½	6
Basement above ground	1	70	2	½	70
Pillars	9	1½	1½	8½	172
Partition wall	1	10	1	9	90
Gable	1	13	1	2	26
Seat partitions	1	15	1	5½	82
"	6	2	1	5½	66
Seats	6	2	2	½	12
Total C. feet of Stone in Chunam					1451
D° C. yards of D°					54

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Stone in Comb work with tiles	1	50½	"	8½	429
Total Squares of Honey comb work					4
Teak Wood					
As per printed Estimate	C feet				19
Tiled roofing Complete					
As per printed Estimate	Squares				6
Plastering					
As per printed Estimate					10½
Flooring with Arch tiles					
As per estimate					2½
Brick Work over Cistern					1
Iron brackets					2
Mysore Shed					
Excavation					
Walls all round	1	104	4	5½	2288
Total C yards of Excavation					85
Concrete					
Under foundation	1	104	4	1	416
Total C yards of Concrete					15
Stone in Chunam					
Foundation & basement all round	1	104	2 9/11	3½	1612
Pillars Superstructure	12	1½	1½	8½	229 3/8
Between Pillars	4	7½	1½	2½	112½
Do	4	6½	1½	2½	27½
Total C feet of Stone in Chunam					101½
Do C yards of Do					4

2-Sm/16

Particulars of work	Number	Measurement in Length	Breadth	Height	Content
Honey Comb work with tiles					
As per printed Estimate	Squares				1/2
Filling in basement					
As per printed Estimate	C yds				14
Teak wood					
As per printed Estimate	C feet				32
Tiled roofing Complete					
As per printed Estimate	Squares				11
Plastering					
As per printed Estimate	Do				11 3/4
Flooring with Slab Stones					
As per printed Estimate	Do				5 3/4
Gate					
Excavation for foundation	2	3½	3½	3	74
Total C yards of Excavation					3
Concrete					
As per printed Estimate	C yards				1
Stone in Chunam					
As per printed Estimate	Do				3/5
Teak Wood for grates					
As per printed Estimate	C feet				9
Plastering with Chunam					
As per printed Estimate	Squares				1

Boundary wall for a length of 10 feet					
Excavation for Foundation					
As per printed Estimate	Cyds.				4 1/2
Concrete					
As per printed Estimate	Do.				1 1/2
Stone in Cham.					
As per printed Estimate	Do.				3
Pointing with Cham.					
As per printed Estimate	Squares				1
Ditch					
Excavating ditch all round the compound to form an Embankment	Do.	1,012	3	1	3,036
1060 - 12+20+4+12-48=1012					
Total C yards of Excavation & forming an Embankment					112 1/2

District Engineer's Office
11th September 1877
Despd 13th Do
Chief Offr

Wdl
District Engineer

2nd Cx

From
The District Engineer
Akyab

To
The Chief Engineer
&
Secretary Govt. Bengal
Public Works Department

Memo No. 1
Dated 13th
September

Submitted for sanction

Statement Showing the different items in the abstract Estimate for Sub-Magistrates Cutcherry at Cox's Bazar that differ from the Standard plan to suit the requirements of the District with regard to materials and Site—

Item	Quantity as per Standard plan	Quantity as per Estimate submitted	Remarks as to necessity
			Main Building of Sub-Magistrates Cutcherry at Cox's Bazar
1 Excavating Foundation	404 11/27	772	In standard plan depths of Foundations are allowed 4 feet and in the proposed design it is allowed 7 feet owing to the soil being Black cotton; the excess in the proposed Design is also caused by allowing walls 1 foot broad where the standard Design admits only 6 inches, as the materials to be used are stones in Chunam for
2 Concrete	101 9	89	Standard Design admits a breadth of 5 feet to walls of 2 feet thick 4½ feet to walls of 1½ feet theck and 3 feet 9 inches to verandah walls The proposed design admits of 4½ 4 & 3 feet respectively allowing 3" for each side of the Foundation & which is considered to be sufficient and economical—
3 Masonry in Foundation & Basement	168 7/8	445	Vide remarks to item No 1
4 — Do — in Superstructure	257	351	The standard Design allows for thickness one foot and 1½ inches to cross walls of main buildings, and 6 inches for retering room walls As it is intended to be built in Brick in chunam these dimensions have been altered to 1½ feet & 1 foot to suit the stone—

N 1416

Item	Quantity as per Standard Plans	Quantity as per estimate submitted	Remarks as to necessity
			construction, but the measurements allowed for rooms and Verandahs are strictly adhered to with reference to the Standard.
Cutstone	6 8/9	-	The printed Estimate that accompanied the G.O. No. 642 of 13th March 1876 allows this item separately where as the revised estimate includes it in the item for basement as it is of stone in Chunam.
Felling in basement	167 2/3	157	The projection of basement which is 3" on each side is deducted in felling and thus cause a reduction of 10 2/3 Cft. in the revised Estimate.
Exterior Drain	224	230	Caused by the increased thickness of the walls in the proposed design as noted against the item No. 4

Out Buildings of Sub-Magestrates Cutcherry at Owk

Excavation	27	51	Standard plan admits of 3 feet in depth for foundation but the revised estimate 5/2 and thus caused the difference
Masonry	33	70	
Excavating foundation	53	97	
Masonry	37	75	
Excavating foundation	39	68	
Masonry	29	54	
Excavating foundation	46	85	
Masonry	40	76	

District Engineer's Office
11th September 1877
Dated 13th Do

2254
13

E. A. Goodchild
District Engineer
Kurnool

From The District Engineer
Kurnool

To The Chief Engineer
for Roads & Buildings
Madras

Dated 11th September
Despd 13th Do. } 1877
Received

Statement showing the different items in the Abstract Estimate for Sub-Magistrate Cutcherry at Owk that differ from the Standard plan.

No 46

From

The District Engineer
Kurnool

To

The Chief Engineer
for
Roads and Buildings

Dated 11th
Despd. 13th
Rec'd

September 1847

Detailed Estimate for Constructing
a Sub-Magistrates Cutcherry ~~and Lockup~~ &c at Perpally.

No 18

Estimate for completing the Sub-Magistrates Cutcherry and Subsidiary Jail and Constructing out Houses at Perpally in Pattikonda Taluq.

Amount of Estimate Rupees . . . as per abstract estimate accompanying and consisting of the following items.

Main Buildings Rupees	9100	₹
Cook Room ——— "	510	₹
Latrine (Jail) ——— "	720	₹
Do (Public) ——— "	1120	₹
Pigots Shed ——— "	970	₹
A portion of Compound wall and gate (50+32) "	82	₹
Excavating ditch and forming Embankment ——— "	14	₹
Well ———	335	₹
Forming and gravelling road from Main Road to gate of Compound including Constructing a Tunnel of 1 Vent ——— and Planting hedge (11+100+118) "	229	₹
Total Rupees	13,080	₹
Deduct the amount already spent on foundation of Main building ———	1,278	₹
Amount required to complete the Buildings ———	11802	₹

The building is to be built agreeably to the Standard Plan; it is to be passed on a basement 1½ feet high and the foundations were to be sunk 3½ feet.

The Main building consisting of-

Dy. Collectors Office ——— 25'x16'
Clerks room ——— 16x12
Record ——— 16x12
Police ——— 22½x16
2 Wards for 6 Males each ——— 15x16
2 Do for 3 Females each ——— 15x8

surrounded by an open verandah 6½ feet in breadth.

The principal walls are to be 12 feet high and 2 feet thick. The verandah pillars are to be of wood 8 feet high and 8 inches square, a retaining wall with foundations 3½ feet deep connects the pillars.

The foundations and basement are to be built of hammerdressed stone in Chunam. The walls above will be built of stone of uniform size, hammer dressed, in Chunam with bond stones every 5 feet; the mortar will be made up of 2 parts of sand to one of lime.

The roof is a simple trussed roof

× Vide G.O. No 642 of 13th March 1876 and a tracing plan with reference to alterations

with tie beams, and iron king posts. The rafters together with the peepers and 25/27 valleys, verandah rafters, and breastsummers are to be of teak wood. The roof is to be covered in with the best flat tiles and a single course of pantiles above.

The flooring is to be of stone slabs 18" square pointed with Chunam laid on a bed of Concrete 4" thick, the latter well watered and tamped.

The 2nd wards to have a flooring of asphalte laid on Concrete.

The doors and windows to have stone lintels over them 4 inches thick.

The building inside is to have two coats of pauch plaster white-washed and the outside is to be neatly pointed flush.

The out offices Consisting of a Cook room Jail and Public latrines and Pyols shed will be built according to dimensions shown on the plans. The masonry flooring, plastering and pointing are to be as specified for the main building with the exception of the flooring to latrines which is to be asphalted. The Cook room has a basement of 1 foot above

Vide G.O. No 1014 of 20 April 1874.

the foundations which latter are to be sunk 2½ feet deep. The roofing of the Cook house and Latrines &c. are to be of teak wood rafters, ridge pans, bressummers & peepers, flat tiles, and Chunam borders

The compound wall is to be 5 feet high and 1½ feet thick to a length of 10 feet on each side of the gate-way and the remainder is to be cut in trench. The earth taken from this trench is to form an embankment. A gate and planting hedge are included in the Estimate

A road is to be made from the main road to the gate of the Cutcherry Compound a turned of 1 mile 15 furlong is to be constructed at the junction of this road, with main road.

There is no compensation to be paid, the land being waste.

The District Engrs office
Kurnool
11th September 77
Despd 13th Do.

L. J. Stride Capt
Dist Engr
Kurnool

From

The District Engineer
Kurnool

&c

The Chief Engineer
for
Roads and Buildings

Dated 11th
Despd 13th
Recd
} September 1877

Report to accompany the Estimate for completing the Sub-Magistrates Cutcherry and Subordinary Jail and Constructing out-houses at Peapally Patte-Konda Taluq.

No 16

KURNOOL DISTRICT

BUILDING

DETAILED ESTIMATE No. 16 OF 1877-75

WORK

Kurnool RANGE Patte Konda TALUQ Peapally VILLAGE

WORK - Constructing out houses for Sub. Magistrates Cutcherry at Peapally.

PARTICULARS OF WORK	No	Measurements Length	Breadth	Height	Contents
Excavation					
Walls all round	1	62	3	3½	651
Total C yards of Excavation					24
Foundation					
Under walls all round (Not known)	1	62	3	1	186
Total C Yards of Concrete					7
Superstructure 2nd class					
Walls all round	1	62	2¼	2½	349
Basement Do	1	62	1½	1	93
Superstructure Do	1	62	1½	9	837
Gables	2	15	1½	2½	112½
Slop	1	16½	1	1	16½
Total C feet					1408
Deduct openings	2	4	1½	9	108
Total C.ft of stone in Chunam					1300
Do C. Yards of Do					48

Particulars of Works	No	Measurement a	b	d	Contents
Under floor	1	16	12	3/4	144
Total C yds of filling in basement					5
As per printed Estimate of 20/4/74 C.ft					7
As per printed Estimate Squares					4 3/4
As per printed Estimate D°					11/2
As per printed Estimate D°					2/5
Walls in Latrine					
Outer walls	1	102	3	3/2	1071
Seats	2	16	3/2	1/2	168
Earth store wall	1	10/2	1/2	1/2	24
Cisterns	2	4	3	3/2	84
Total C.ft of Excavation					1347
D° C yds of D°					50
Under foundation	1	102	3	1	306
" Seat	2	16	3/2	1/2	56
Carried forward					362

Particulars of Works	No	Measurement a	b	d	Contents
Brought forward					362
Concrete					
Under Earth store wall	1	10/2	1/2	1/2	8
Cisterns	2	4	3	1/2	12
Total C feet of Concrete					382
Total C yards of D°					14
Walls in Circum					
Outer walls foundation	1	102	2 1/4	2/2	574
Seat	2	16	3/2	1	112
Earth store wall	1	10/2	1/2	1	16
Cisterns	2	4	3	1/2	12
D°	2	8/2	1	3	51
Outer walls basement	1	102	1/2	1/2	76 1/2
Pillars	12	1/2	1/2	8/2	229/2
Seat partitions	2	16	1	5/2	176
D°	12	2	1	5/2	132
Earth store wall	1	13/2	1	4	54
Seats	10	2	2	1/2	20
Total C. feet of stone in Masonry					1453
D° C. yards of D°					54
Stone Steps in Latrine					
As per printed Estimate Squares					7

Range Officer

Range Office:
137

Particulars of work.	No.	Measurement C	B	D	Contents
[illegible]					
As per printed Estimate	C. feet				28
[illegible]					
As per printed Estimate	Squares				9 1/2
[illegible]					
As per printed Estimate	Do.				14
[illegible]					
As per printed Estimate	Do.				4 1/2
[illegible]					2
[illegible]					4
[illegible]					
Excavation					
Outer walls	1	70	3	3 1/2	735
Partition wall	1	8	3	3 1/2	84
Seats	1	15	3 1/2	1 1/2	79
Cisterns	1	4	3	3 1/2	42
Solab C. feet of Excavation					940
Do. C. Yards of Do.					35
[illegible]					
Under outer walls	1	70	3	1	210
Partition wall	1	8	3	1	24
Seats	1	15	3 1/2	1	53
Cisterns	1	4	3	1/2	1
					203

Particulars of work	No.	Measurement C	B	D	Contents
Brought forward					293
Solab C. yards of concrete					11
[illegible]					
Outer walls foundation	1	70	2 1/4	2 1/2	394
Partition wall	1	8 3/4	2 1/4	2 1/2	49
Seats	1	15	3 1/2	1	53
Cistern	1	3	4	1/2	6
Do.	1	8 1/2	1	3	25
Basement above ground	1	70	1 1/2	1/2	52
Pillars	9	1 1/2	1 1/2	8 1/2	172
Partition wall	1	9 1/2	1 1/2	9	128
Gable	1	12 1/2	1 1/2	2	38
Seat partitions	1	15	1	3 1/2	88
Do.	6	2	1	5 1/2	66
Seats	6	2	2	1/2	12
Solab C feet of Mine in Chowam					1077
Do. C. yards of Do.					40
[illegible]					
As per printed Estimate	Squares				4
[illegible]					
As per printed Estimate	C feet				19
[illegible]					
As per printed Estimate	Squares				6

Particulars of Works	No	A	B	D	Contents
As per printed Estimate		Squares			10 1/2
As per printed Estimate		Sq.			2 1/2
					1
					4
Outer walls	1	104	3	3 1/2	1092
Total C. Yards of Excavation					40 1/2
Under foundation	1	104	3	1	312
Total C. Yards of Concrete					12
Outer walls foundation	1	104	2 3/4	2 1/2	585
Pillars	12	1 1/2	1 1/2	8 1/2	229
Between Pillars	4	6 1/2	1	2 1/2	65
Do.	4	7 1/2	1	2 1/2	75
Basement	1	115	1 1/2	1 1/4	216
Total C. Feet of Stone in Chimneys					1,170
Do. C. Yards of Do.					43

2254/21

Particulars of Works	No	A	B	D	Contents
As per printed Estimate		Squares			1.4
As per printed Estimate		C yards			14
As per printed Estimate		C feet			32
As per printed Estimate		Squares			11
As per printed Estimate		Sq.			11 3/4
As per printed Estimate		Do.			5 3/4
As per printed Estimate					
As per printed Estimate					
Excavation in Gravel		area			
Gravel $12^2 \times .7854 \times 15$		113		15	1695
Total C. Yards of Excavation in Gravel					63
Excavation in rock		area			
Rock $9^2 \times .7854 \times 15$		63.6		15	952 1/2
Total C. Yds of Excavation in rock					35

Particulars of Works	No.	Measurements			Contents
		A	B	D	
Page 21					
Building ring wall to the wall below ground 10.5 X 3.1416 = 32.9868	1	33	1.5	15	742.5
Building ring wall above ground (or parapet)	1	33	1.5	3	148.5
Total C. ft of Masonry					891
Do C yards of Do					33

District Engineer's Office
Kurnool
11th September
Despd 13th Do.
Chief Clk

D. F. Gifford
District Engineer
Kurnool

From

The District Engineer

Trincomalee

To

The Chief Engineer

for

Roads and Buildings

Dated 11th
Despd 13th
Recd

September 1877

Detailed Estimate for constructing
one Chamber for Sub Magistrates
Cutcherry at Trincomalee.

General Specification for Constructing Sub-Magistrate's Cutcherry at Trincomalee and Clerk's in Pattikonda and Kovilaguttla Talugs.

2257/29

Marking and Clearing. The area described should be marked out on the ground and cleared of all impediments such as stones, trees, roots &c. The boundary of the ground to be made permanent by a trench all round.

Excavating foundation. The excavations shall be made strictly in accordance with sections. The earth removed when not required, to be taken to spoil without limits marked out by the Officer in Charge.

Concrete. The rate entered in the estimate to include the cost of mixing, lifting, throwing placing, watering and all appliances required to complete the concrete in position. The Concrete will be composed of one part fresh burnt unslaked lime, four parts clean sharp sand, and four parts hard broken stone, not less than 1 inch Cube. The lime to be slaked in a mill while being converted into mortar. The whole composition to be mixed and turned over with mamoties on a prepared plat-form; when thoroughly

mixed, the concrete will be conveyed in baskets and placed in the specified positions and rammed in 6" layers. Each layer to be thoroughly consolidated and the surface roughly raked before the one above is applied. The concrete to be kept damped for at least a week, so that proper consolidation and settlement might be effected

Rubble Masonry in foundation. The Stones used will be of hard description procurable from the fort.

The stones to be not less than 1'6"x1x4" and laid as headers and stretchers throughout so as to break joint in every course.

Rubble Masonry Hammer dressed, superstructure. The stones used will be of hard description procurable from the fort. The stones to be of good size not less than 4" thick

The faces and sides will be roughly squared and laid so as to break joint in every course. Bond stones will be placed 5 feet apart horizontally and 3 feet apart vertically. The bond stones of a course above will be laid over the centre of the stones of a course below.

Mortar. The mortar used will be as follows: One part burnt unslaked lime to four parts clean sharp sand. The stone to be mixed and ground in a mill with sufficient proportion of water. The lime to be slaked in the process of grinding. Sufficient mortar will be worked up for a days use only. The masonry will be kept constantly watered

Arch work The length of the stones used will be of the entire thickness of the arch and 3 to 3½" in thickness. The faces and sides to be dressed with Chisel All joints to be not more than 3/8 thick

Wood work. The wood used for all buildings will be Teak of the best well seasoned heart wood entirely free from sap, knots, cracks, shakes or other defects.

The timber to be sawn to such scantlings as may be required and to be properly dressed, fitted and fixed in a good and workman like manner. No timber work shall be painted before it has been examined by the Officer in Charge. The rates for the different descriptions of work include the cost of raising and fixing and any thing necessary to complete the work as required.

Doors and windows. Doors and windows of all description will be measured superficially. The rates of doors and windows of several kinds shall include all materials used in making, raising and fitting in position; the wood used will be teak

All iron work to the doors and windows' gratings &c to be of good wrought iron. Flat iron bars shall be fixed and to the wood work with universible screws. All holes of bolts rivets &c shall be drilled not punched. All wrought iron work to be made accurately to such dimensions as may be required, to be free from blisters, scales, flaws or other defects. All weldings to be carefully examined, any not perfectly sound to be rejected.

All gratings where the length exceeds 18" to have flat iron straining bar across their widths

Plastering. Before the plaster is laid the faces of the wall shall be well wetted, the joints flushed up with mortar. The first coat shall then be evenly laid and levelled with a wooden rule, when partially set the surface to be roughly scored so as to give a firm hold to the next coat. The second coat shall then be laid while the first is slightly wet, if necessary. The first coat shall be watered until the next is begun. The last coat to be smoothed with wooden rubber and polished off with a trowel. during this process the surface should be sprinkled with a little pure lime and water The thickness of each coat to be as directed by the Officer in Charge. All plaster is to be kept damp if the weather be dry for at least 8 days after completion. The plaster will be composed as follows.

1st coat - one part slaked lime to two parts clean sharp sand.

2d " One part slaked lime, one part clean sharp sand. Ground in a Mill with a sufficient quantity of water

Pointing. The joints of the Masonry to be pointed, should be carefully raked out to a depth of 1/2 an inch. The wall to be well wetted before the pointing is begun. Mortar ground fine, will then be inserted in the joints squared and polished smooth. The walls to be kept damp for at least 8 days after the pointing is finished.

Flooring. The stones used will be squared 18" either way the sides to be well dressed & neatly jointed with a joint not exceeding 1/8" in thickness. The flooring to be laid over a course of Concrete.

Etching Tile Roof. The roof will consist of one course of flat tiles with pan tiles above and Chinam borders laid in the usual manner. The tiles to be thoroughly burnt, made from clay of suitable kind, well tempered. The tiles should be free from cracks, flaws, and twists and of regular shape and uniform size.

Honey Comb work. To consist of Semicircular tiles laid horizontally at right angles to the wall in which the openings occurs with edges of each resting on the back of the two tiles immediately below. The tiles to be neatly set in Mortar just enough being used to keep them in place.

Asphalte 3/4" thick. The asphalte will be laid over a bedding of Concrete 3 to 4 1/2" in thickness. The surface of the bedding will be carefully levelled and all inequalities plastered with fine Concrete. The Concrete should be thoroughly dry and consolidated before the asphalte is laid. Its surface should also be clear of dust &c.

2254/32

Equal parts in weight of asphalte and clean fine sharp sand will be forthwith in a Caldron and heated over a wood fire, the mixture being stirred well. The asphalte will be laid in width of 3 feet or four feet kept in place by bands of either wood or iron the height of which will be of the required thickness of asphalte flooring.

The joints will be heated before another width is put on. The surface while hot &c. before it gets hard may have a small quantity of fine sand sifted over and rubbed in with a float.

All iron fittings, joinings and work of minute detail to be under the immediate supervision of the Overseer in Charge, who will direct and conduct all such work in conformity with the instructions received from his immediate superior.

District Engineers office
Kurnool
11th September 97
Despt. 13th Do

A. Goodchap
District Engineer
Kurnool

From

The Director General
Pensions

To

The Chief Engineer for
Buildings and Roads

Dated 11th
Dec. 13th
1877

Received
Dec. 14th
"

General Specification for Pattern
Drawing No. 1 Proposed Sub-
Magistrate's Cutcherry at Peapally
to be built of Stone & Lime
in Pattukkottai Taluk Tanjore
District.

ement showing the different items in the Abstract Estimate for Sub-Magistrate's Cutcherry at Peapally. t
er from the Standard plan to suit the requirements of the District with regard to Materials and sub

Item	Quantity as per Standard plan	Quantity as per Estimate	Remarks as to necessity
Excavating Foundation	404 Cy	277 Cy	Main Building of Sub-Magistrates Cutcherry at Peapally In standard plan depths of foundation are allowed 4 feet and the proposed design it is allowed 3½ feet where the soil is hard.
Concrete	101 Cy		No concrete is allowed for this Cutcherry as the foundation is to re upon hard laterite soil.
Masonry in Foundation & Basement	168 Cy	239 Cy	Standard design allows 3 feet foundation excluding concrete 1 foot and the proposed design admits of 3½ feet for foundation & no concrete re remarks against item No 2
Masonry in Superstructure	257 Cy	351 Cy	The Standard Design allows for thickness 1 foot 6½ inches to cross walls Main buildings & 1 foot inches for retiring room walls as it is intended to be bu in brick in Chunam these dimensions have been altered to 1½ feet an foot to suit the Stone construction but the measurements allowed for & verandahs are the same as those in the Standard Design

225
33

No 46 & 16

5	Coat Stone	6⅔	✓	.	The printed Estimate that accompanied the G.O No 642 of 13th March 1871 allows this item seperately, where as the revised Estimate includes it in the item for basement as it is of stone in chunam
6	Filling in basement	167⅔	✓	157	✓ The projection of basement which is 3" on each side is deducted in filling and thus caused a reduction of 10⅔ byds in the revised Estimate
7	Exterior Drain	224	✓	230	✓ Caused by the increased thickness of the walls in the proposed design as noted against the item No 4

Out Buildings of Sub Magestrates Cutcherry at Peapally

A	Excavating Foundation	27	✓	24	✓ Standard Design allows 4 Feet broad and 3 Feet in height for foundation where as the revised 3 Feet broad and 3½ in height Vide section on tracing and thus arises the difference-
B	Concrete	9		.	Not provided Vide remarks against item No 2 b Main Building
c	Masonry	33	✓	25	✓ The thickness of walls varied from 1-5 to 1-6½ Good whereas the Standard Design allows 6 walls-

Excavating Foundation	53	✓	50	✓ Vide remarks against the item A
Concrete	18		.	Not provided do B
Masonry	37	✓	54	✓ Vide remarks to the item c

Excavating Foundation	39	✓	35	✓ Vide a
Concrete	13		.	do b
Masonry	29	✓	40	✓ do c

Excavating Foundation	46	✓	40½	Vide a
Concrete	15⅓	✓	.	do b
Masonry	40	✓	63	✓ do c

2254
3 4

District Engineer's office
11th September 1877
Dooply 13th Do

Chief Asst

Lt. Col
District Engineer
Burmool

KURNOOL DISTRICT ENGINEER'S OFFICE,

No 28/299

10th May 1878

Dept 11 — No

2254/35

From

The District Engineer,
Kurnool

To

The Chief Engineer & Pt.
Madras.

Sir,

With reference to your Memo, No. 4166, dated 23rd March 1878, returning the Site plan of the Sub-Magistrate's Cutchery at Papally and directing to furnish sketch Sections of trial pits and a Survey showing the site of the Cutchery and some adjacent permanent buildings, I have the honor to forward a Plan showing the sections of trial pits for foundations of Cutchery and Out buildings with the description of soil met with.

2. The foundation of the building will rest on hard gravel.

3. The site of the proposed building is about

Enclosures.
1 Site Plan
1 Survey
1 Plan of trial pits

3

about 1050 Yards South West of the Village of Peapally, about 80 Yards east of the road from Pulnoor to Gooty, and about 200 Yards from the 48th Mile Stone on that Road.

4. The Travellers' Bungalow is situated to the South East and is nearly 130 Yards from the Deputy Collector's Cutcherry and the Union School are nearly 250 Yards in the same direction.

5. The Survey Plan called for, is also herewith submitted. The above remarks respecting the Soil of the Trial Pits are marked on it.

6. There is no appearance of Settlement in any of the Buildings named above.

7. The Site Plan is herewith submitted.

I have the Honor to be
Sir
Your Most Obedient Servant
M Withnell Major
Dist. Engineer

Ref 117

E 2354/36

Received 27 — do —

No. 179 / 3462 Camp Edenvalli 25th February 1878.

From

The District Engineer,
Kurnool.

To

The Deputy-Chief Engineer
P. W. D.
Madras

Sir,

I have the honor to resubmit the undermentioned Revised Plans and Estimates for the Construction of Sub-Magistrate's Cutcheries at Peapally and Owk, in the Pettikonda and Koilkuntla Talugs of this District, having obtained the Collector's signature of the Collector, as directed in Govt Memorandum, No. 3127, dated 9th October 1877.

Enclosures 12

Peapally

- ✓ 1 Abstract Estimate for Rs. 11,802
- ✓ 1 Report
- ✓ 1 Detail Estimate for Main building
- 1 Detail Estimate for Out houses

225 4/37

Kurnool District Engineer's Office

Received A. Cutcheries

From

The District Engineer
Kurnool

To The Chief Engineer
P. W. D.
Madras

Dated 10th May 1878
Despd 11
Received

No. 28/299

Enclosures (3)

Sub Magistrates' Cutcheries at Peapally.

Forwards Plan & trial pits, duly and valuation of

I C 3552 - 18 - 11 - 67
" - 3370 - 26 - 10 - 68
" - 668 - 2 - 3 - 69
" - 1014 - 20 - 4 - 74
" - 1691 - 24 - 6 - 74
" - 721 - 15 - 3 - 75
" 1986 - 13 - 7 -
C.E 448 - 10 - 3 - 76
" - 449 - 10 - 3 -
" - 739 J. - 11 - 8 - 76
" - 3127 - 9 - 10 - 77
" - 1466 - 23 - 3 - 78.

Copy. 10.5.78. 22.5.78
Cir 21.5.78.

22 Cy
38

1 General Specification
1 Statement showing the difference of quantities between the Standard and revised Designs

6

—Note—

1 Abstract Estimate for Rs 4,00 "
1 Report
1 Detail Estimate for Main "
building
1 Dc for Additions
1 Plan in tracing
1 Statement as above

6

I have the honor to be
Sir
Your Most Obedient Servant

M Christie

Executive Engineer
Offg. District Engineer

Ed M