

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works

DEPARTMENT

G.O. No.	957 -	Press
B.P. No.		Mis.
110-111		
Dated	13-4-1874	195.

Not to be folded or roughly handled

N^o 2391. Cuddapah District

Engineer's Office, 9th March 1874.

From

The District Engineer
Cuddapah

To

The Inspecting Engineer
for Civil & Military Buildings
Madras.

Sir,

In reply to your N^o 369, of 6th
Instant, I have the honor to return
papers forwarded therewith and to report
as follows:

2. The Madanapally Cutcherry was
commenced in 1867, and stopped in 1869
with the other Cutcheries; the expenditure
mentioned in my N^o 1734, of 29th November
1873, includes all expenditure.
3. The nature of soil is rocky at irregular
depths.
4. The estimate provided for 4 male
and 2 female wards as foundations of
same

some were built and basements erected, the reason appears to be that it is not only a Tahsildar but Sub Collector's head quarters and extra accommodation was required.

5. Regarding verandah, Government have ordered Mr. Chisholm to send in a plan for same, and which has not yet been received.

6. Ward-siding was omitted by an oversight, it has now been entered.

7. Railed enclosure, I have had no reply to my communication on the subject which is I believe before the Government.

8. Out houses are not separately mentioned in specification, as the method of performing each kind of work is shown. Regarding their cost, I would draw your attention to para 2 of your N^o 387, of 22nd April 1873, and to O. N^o 596, of 26th February 1869, and to observe their out

houses

houses are similar to those already sanctioned.

9. The latrines I have revised, and I informed you in my N^o 419 dated 11th February 1874, and have now corrected estimate accordingly.

I have
(Signed) G. S. Sage
District Engineer, Cuddalore

N^o 435

Enclosures 8-

- 1 Plan of main building
- 1 Plan & sections of jail wards
- 3 Plans of out houses
- 1 Site Plan
- 1 Abstract estimate
- 1 Specification

The Plans and Estimate of

Rs. 26588, for constructing a Taluk Cutcherry and subsidiary jail, with out houses at Madanapally are forwarded to Government for sanction.

The expenditure on the buildings, previous to suspension of work in 1869, amounted to Rupees 1500. There is an allotment of Rs. 5000 for this work in the

the current years Provincial Budget
and the expenditure therefrom up to
end of January 1874 is Rs. 2683-10-0.

The allotment is likely to be expended
by the end of the Official year.

Office of the Inspecting Engineers
for Civil & Military Buildings } E A and Col. R. B.
Inspecting Engineers for
Cape of Good Hope 18 March 1874 Civil & Military Buildings

and the Inspecting Engineers

and the Inspecting Engineers

and the Inspecting Engineers

Colonel G. W. Walker R.E.

Secretary to Government O.P.D.

and the Inspecting Engineers

and the Inspecting Engineers

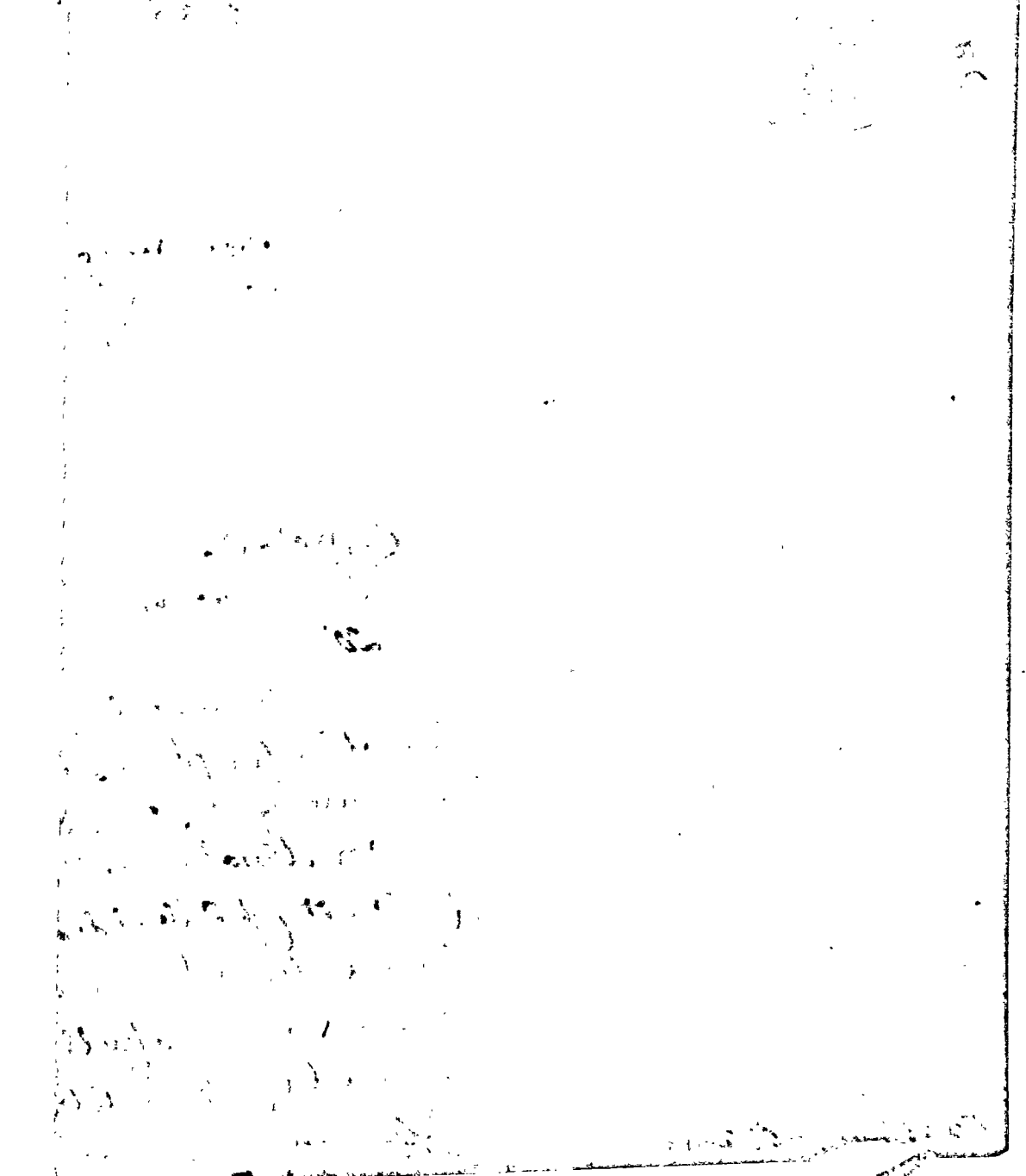
and the Inspecting Engineers

Civil Buildings

Illustrations

Original Works

and the Inspecting Engineers



Ref: Works 1874 Sept
 No. 435

From
 The Inspecting Engineer
 for Buildings

To
 The Secretary to
 Government

Encl. 2.
 Dated 19/10/74
 Recd. 20/10/74

It is recommended
 to sanction the plan and
 estimate of Rs. 26,500
 for the construction of
 a new building for the
 District Jail at
 Madanapally
 Cuddalore District
 No. 957:13 of 1974

Ch 110

(to be sent to R. 2nd Div. 1/74)

Abstract Estimate

Original Works

Civil Buildings

District Cuddalore Jail. Madanapally.
 No. 957:13. — Constructing a new Jail Catchery at
 Madanapally in accordance with the design which
 accompanied G. O. No. 232 dated 23rd April 1872.

Quantity	Description of work	Rate Per	Amount	Total
259 2/3	Concrete in Chumam below foundation and flooring	2 10 Cys	680 7 4	
336 3/4	Rough Stone in Chumam for foundation	3 15	1324 5	
698 5/8	Brut Stone Hammer dressed in Chumam for Basement & Superstructure	4 12	3293 5 4	
18 1/2	Emicircular arch work brick in Chumam	5	90 2 4	
19 1/2	Flat arch work brick in Chumam	5 8	109 8 8	
.88	Honey Comb work with bricks and 2 Coats plaster	27 8 Sqr	24 3 2	
149.83	White washing 2 Coats of Chumam	4	37 7 4	
243.57	Painting with Chumam	1 6	334 4 6	
1584 1/4	Teakwood wrought and put up	4 9 Cys	7228 2 3	
6.61	Setting brick on edge 3' fully 3 Courses of flat tiles & 3 Coats of plaster in outside	25 5 Sqr	153 4 1	
95.16	Sloping or Bengol terrace with 3 Courses of flat tiles & 3 Coats of plaster	11 10	1106 3 9	
39.35	Flooring with Stone Slabs 2 or 3" thick	13	511 8 10	
12.00	do Asphalt Composition 3/4" thick	15	180	
118 1/2	Stone slabs to the Verandah of Court house in front of Public	2 4 Sqr	237	
679	Stone slabs for the sill of all doors and archways (1 1/2 x 1/2) under beams of trusses (1 1/2 x 1/2)	1 8	1055	
13	Iron ring posts for all trusses with Screws, nuts & Ornamental Iron work	20 Each	260	
24	Teakwood doors 3/4 framed & 3/4 Venetian	5 4	1296	
8	Doors of Teakwood frames & Iron shutters Complete for Mate (Tail Ward)	75	600	
	Carried Over		18524 9 2	

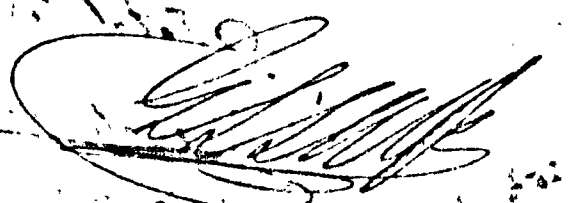
Brought forward		1852 9 2
2	Doors of Teakwood frames & boarded for female Jail wards Complete	67 1/2
12	Iron barred Ventilators in Jail wards	22
6	Iron barred windows in Prison Room including Circular top with Venetian shutters Complete	31 2
1	do do do	18
5	do Circular top 2 ft in diameter	9
32	Wooden Railings in Court house including Cap	2 5
1	Bridge board in front of Public Room shown on Plan	25
730	Excavating foundation	3
1	Stone slab over doorway dressed	3
22	do do as to get in themselves as a usual	3
1	Wooden head over main entry & Venetian shutters & Wooden Cap Complete	670
1	Iron Scaffolding	60
	Store & a house to be used as an Office during the erection of the building	550
	Value of Ground	300
		100
Total		2170 3 2
Sundries & Superintendence at 10 per Cent		217 12 4
Total for Main building		2387 15 6
Jail Latrine (seats)		
25 1/2	Burnt Stone in Chumam for foundation	3 15
29 1/2	do do hammer dressed in Chumam for Superstructure	4 12
8 5/9	Burnt Brick in Chumam	3 12
Carried over		1570 15 6

Brought forward		45151 2290
12	Coping over Screen walls	2 1/2
4	Covering Stones over openings	4 1/2
1 1/2	Flooring with Concrete	10
4 97	Plastering 1 Coat Chumam	2 13
6 50	Larking Two Coats	2 12
4 75	Roofing pan tiles and Chumam boarders	7 1/2
71-11-10	Teakwood wrought & put up	4 9
1 82	Gluey Comb Brick work	8 4
Total		461 12 3
Sundries & Superintendence @ 10 per Cent		46 12 9
Total for Jail Latrine		508 25 2
Public Latrine for 8 seats		
11 1/2	Rough Stone in Chumam	3 15
23 1/2	Brick in Chumam	3 12
12	Coping over Screen walls	2 1/2
8	Covering Stones over openings	4 1/2
2 1/2	Flooring with Concrete in Chumam	10
7 14	Plastering 1 Coat of Chumam	2 13
10 49	Larking Two Coats	2 12
7 25	Roofing pan tiles & Chumam boarders	7 1/2
8 1/2	Teakwood wrought & put up	4 9
2	Stone Beams	1
2 94	Gluey Comb brick work	8 4
Total		655 12 9
Sundries & Superintendence @ 10 per Cent		65 52 3
Total for Public Latrine		720 65 2
Pyoto Shed		
25 1/2	Rough Stone in Chumam for foundation	3 15
9 23	Burnt Stone hammer dressed in Chumam	4 12
23 1/2	Flooring with Concrete in Chumam	2 10
6 29	Larking with 3 Coats over Concrete floor	2 12
235-4	Teakwood wrought & put up	4 9
12 04	Roofing with flat & from tiles & Chumam boarders	9 4
4 20	Painting with Chumam	1 6
4 8	Earthwork	3
Total		1427 9 2
Sundries & Superintendence @ 10 per Cent		142 6 10
Total for Pyoto Shed		1570 15 6
Carried over		26188

Brought Forward
Cook Room

11 27	Burnt Stone in Churns for foundation	3 15	9d 20 15 4
19	Burnt Stone hammer dressed in Churns for Basement and Superstructure	7 15	90 6
87	Oakwood wrought and put up	4 9	16 8
3 78	Roofing with flat and parallel and Churn in m. borders	9 4	34 15 5
3 22	Flooring with Concrete 6" thick	2 10	10 0
2 06	Plastering with 3 coats over Concrete floor	2 12	5 10 7
6 61	Pointing with Churns	7 6	1 5
2 96	Whitewashing with 2 coats of Churns	2 11	10
15	Earthwork	5 0	2 10
	<u>Total</u>		366 0 10
	<u>Indirect Superintendence at 10 per cent</u>		36 6 0
	<u>Total for Cook Room</u>		402 6 10
	<u>Total Estimate</u>		265 11 0

Quelatah District
Engineer's Office -
1st Floor Ground Floor
November 27th 1873


District Engineer
Quelatah

Ed. J. [Signature]
[Signature]
[Signature]

Specification to accompany the Estimate

[Faint, mostly illegible handwritten text within a rectangular box, likely containing specifications for the construction work.]

Whole

Brought Forward

P.N. 1649/74

Cuddapah District.

Enclosure in a Letter
No 435 dated 18 March/74.

Pg. 713 12 April 74
Ld 11:110

Abstract Estimate for
Constructing a New
Jail Catchery & Sub-
sidiary Jail with Out
Houses at Madanap-
pally.
Estimate No 26588

Specification to accompany the Estimate
for Constructing a New Jail Catchery and
Subsidiary Jail together with out houses at
Madanapally.
Estimate amounting to Rupees 27,240
Jail Catchery and Subsidiary Jail 23,290
Jail Khane 960
Public do 290
Pyots Shed 7570
Cook room 400
Rupees 27,240

Excavations

Concrete

1. Excavate the trench to the full depth
shown in the Estimate or to such depth as the
Officer in Charge of the Work may direct.
2. After the trench has been opened out
to the full depth determined on by the Officer
in Charge of the Work and to the uniform breadth
of five feet, well water and ram in two layers
of 9" beaten to 6" in all twelve inches of concrete
composed as follows, 6 parts of broken stone, 2
of sharp river sand, and one of lime. Lay also
a course of frame material six inches in
thickness over the filling in under floors
for the reception of slab and asphalt flooring
respectively as provided for in the Estimate
beat the first layer to a true and level bed,
with heavy beater, and finish off with ordinary
flat wooden beater.

Foundations

3. After the building has been lined out
by the Officer in Charge of the Work, lay the
whole

- whole of the foundations above concrete with
burnt granite stone in Mortar 2 feet broad
at bottom and 2 feet broad at top and
3/2 feet in depth, or such other depth as the
Officer in Charge of the Works may direct. The
breadth of foundations of Cashiers and Shiras
tadar's rooms will be 4 1/4 feet at bottom and 2 1/2
feet at top.

4 — After the foundations have been con- Basement
structed, lay basement of building, two feet
broad and two feet in height, with the exception
of the walls of Cashiers and Shiras tadar's rooms
which are to be two and a half feet in breadth
and of retaining walls of Verandah and covered
way, which are each to be but one and one
half feet broad, of burnt granite hammerdressed
in Mortar.

5 — Construct all walls above basement ex- Superstructure
cept those hereafter mentioned, one and one
half feet broad and to the heights shown on
Plan and Estimate. The walls of Shiras
tadar's and Cashiers' rooms will be one and three
quarters feet thick and that of partition
wall between Private and Post property rooms
one foot thick. The whole of masonry to be of
burnt stone in Mortar, hammerdressed outside
and smooth faced inside and neatly
and well bonded.

Circular Arches

6 — Construct Circular arches of burnt bricks
in Mortar one and one half feet in depth
over all openings and Windows in Record
room.

Flat Arch Works

7 — Construct flat arches one and one
half feet in depth over all doors of burnt bricks
in Chumam.

Defects to be made good

8 — After the roofing and fixtures have
been completed, make good all defects in
masonry, caused by the execution of other works
and fill all putlock holes.

Masonry to be Carved

9 — The whole of the masonry to be Carved
and hammer dressed on face and beds, and
to be laid in a neat and workmanlike manner
10 — Rub out the joints of all masonry
works to the depth of 1/2 an inch, well wash the
surface, and point with flush pointing. The masonry
to be toned to the color of the stone.

Painting

Pucca terrace flooring

11 — Floor the Record room with Pucca
terrace flooring laid over joists, as allowed
for in the Estimate, and plaster same on top
and bottom in the usual manner.

Sloping or Bengal terrace

12 — Roof the whole of the building except
Turret, with a sloping or Bengal Terrace Roof
consisting of Rafter, rafters, three courses of
flat tiles and three coats of plastering. The
rafters to be two inches broad and one half
inch

inch in thickness. Finish of the whole of the Terrace neatly and in the usual manner.

12 — Where the spiral intercepts the Record Flashing Room, and where the low roof about the walls of Record room come, provide and fix lead flashing nine inches broad grooved in masonry three fourths inch and neatly beaten.

14 — Asphalt floor of Subsidiary jail Asphalt flooring above concrete, with a coat of asphalt composition $\frac{3}{4}$ inch thick, finished off smooth on surface.

15 — Enclose front and rear of Inspectors room Stoney Comb with stoney Comb brick 1 foot one and one half feet in thickness, as provided in the Estimate.

Stone Mason

Provide and lay on even beds. Stone under all trusses, dress all beds two lines generally. Stone under truss

Provide and lay stone steps in front of the Steps and side of Court House and Public, Six in.

Ches in thickness laid under masonry at least four inches. Press wear tread and joints three lines — hammer dress all other surfaces. — Make

up masonry under steps and set in mortar truly level. — Make square angles alternating the joints as the steps wear.

Provide and lay one course of Stone Coping Coping to plinth to plinth six inches in depth and not less than nine inches in breadth on bed of plinth.

Columns and Arch Work in Public

Spiral

Stone Slabs

Stone Slabs for flooring

Iron Gratings

Iron barred windows

Four inches measured on the face of splay. Dress all exposed surfaces two lines and all concealed surfaces one line. — Salient angles to measure less than twelve inches on either face and hollow not less than nine inches splay.

Provide, dress, and build one Column, base and Cap, in cut stone two lines dressed, also four steps arches of the form and dimension shown on the drawings.

Work a spiral Stair Case of the form and dimensions shown on the drawings.

Provide, dress, and fix stone slabs to the sills of all doors and openings, to the edges of covered way and Verandahs, over honey Combed brick work, jail Ventilators, and all doors of the dimensions given in the Estimate. — dress smooth all upper surfaces of slabs in openings and all other portions with one line.

Provide and lay in mortar truly level granite slabs, 200 inches in thickness, to floor of the whole building internally, except the of Subsidiary jail, also to Public and Verandah in front of Court House, and in rear of Shirvadars and Cashiers rooms. — make close joints and finish off neatly.

Iron & Manager

Provide and fix with screws, specified here after six iron gratings to subsidiary jail of the form and dimensions shown on the drawings and in Estimate.

Provide and fix seven barred windows

Exterior Room of the form and dimensions -
shown on the drawings - also fix five circular
barred windows 2 feet in diameter for the same
portion of the building.

Provide and fix in Jail Ward ten iron - Iron Doors
Doors of the form and dimensions shown on
the drawings. Provide one strong iron Pad
Lock for each door.

Supply to Carpenter thirteen iron tie rods Iron tie rods
of the form and dimensions shown on the
drawings lower end to have octagonal head
and three inches by one eighth inch washers. Up
per end nine inches of Worm and double nuts
and washers.

Supply to Carpenter two straps for each Truss & Straps
formed of one and a half inches by three eighth
inch iron forged to half inch square at ends
bearing plate one and three fourths by half
inch with nuts and washers.

Provide and fix a wrought iron finial to Finial
opposite of center of the form and dimensions
shown on the drawings. Take particular care
to render the overlaps water tight and putty
all crevices before pointing.

Supply to Carpenter all masonry spikes Spikes, Nails
nails, screws and bolts.

Supply for each half door one upper, one
lower, and one cross bolt, also two hinges
of scantlings and workmanship approved of
by the Officers in Charge of the Works.

Straps for Provide and fix two straps, with rivets for
soil gratings each grating of the form and dimensions
shown on the drawings.

Iron pin Lock Provide each door with one iron pin lock
Complete, nine inches in length of workman
ship approved of by the Officers in charge of
the Works.

Carpenter
Provide, frame, and fix, all Trusses of
the dimensions and forms shown on the
drawings and in the Estimate. The heads
of rafters will be let into the tie beams and
strapped down tight and the heads allowed
to butt simply. Over the heads a Chock hollow
ed out, so as to cover the joints, will be fixed
on and fastened by the first rnt. The
struts will butt simply against the tie beam
and be held in their places by round pieces
of wood, the upper end will be halved into
rafters, when trusses are hoisted, put on
the ridge over the king rod heads and screw
the second rnt down tight. Halve the fur-
line and rafter each to the extent of one
inch. Support the purlins over the wall in
center between trusses.

Rafter to be
notched

Notch the rafters into the Purlins, but on
no account cut the purlins themselves. Let
every rafter project four feet six inches, be-
yond the outer edge of Purlin over wall.
Bring each rafter up, against the ridge
and spike it as shown on the drawings.
That

P. W. Dept
957

Filling in

Scaffolding

Please away on
Completion

Completions

all door, furniture and fastenings and
deliver the work up in a good neat
and workman like manner.

William
Desmet Lequien

Enddapa District
Engineer's Office

Dated Nov. 27. 1890
Wm. C. C. C. C.

11/11/11

of some well grounded and thorough

Specification Report to
accompany Estimate
for constructing a New
Salug Cutcherry & Sub.
Jail with Cell
houses at Madana-
pully.
Estimate Rs 26538

Buddapah District.
P. W. 1649/74.
Enclosure in a letter
No 435 dated 18 March/74.

P. W. 713. 4 April/74.
No 832-110.

P. W. Sept
957
Proceedings of the Madras Government
Under date the March 18/74.

Read the following

From the Insps Engineer } (H. C. No 435 of 18th March/74)
for Buildings

His Excellency the
Governor in Council
sanctions the Estimate
amounting to Rupees 26588
submitted with this letter
for the construction of a
Salug Cutcherry and Sub
Jail at Madanapully
in the Buddapah Dis-
trict, subject to modifica-
tion after providing for
Verandahs as recently
approved, and the
revised

M. P.
30/3

revised design for out
buildings which will
be shortly issued.

The grant for 1873-74
will, it is expected, be
fully utilized; and the
work will be proceeded
with continuously, an
application being made
for provision from the
reserve for such sum
as can conveniently
be spent in 1874-75.

C.M.W.

110-111.

Cir 18 Mar 74 & 2nd April 74

To the Insp^g Eng^r for
Buildings. ✓
" Dist^g Eng^r Cuddalore ✓
" Controller with A. S. Hunter ✓
" Judicial Dept ✓
cc per des^g to all 20/4/74

1649A

Gobt. of 1874 Madras.

PUBLIC WORKS.

The Inspecting Eng.
for Buildings

Date:

Recd.

Encl. *8*

G. O. 13th Feb. No. 957

No. 1108111

Taking Cubeberry & Sub/pail.
at Madanapalle, Cub-
dappa &c. Ref: for
the Cubeberry & Sub
pail, sanctioned
with remarks.