

(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.	297	Press
B.P. No.		Mis.
Dated	3 - 2	2875 - 195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd February 1875.*

Read the following papers —

No 63 From Lieutenant-Colonel A. S. MOBERLY, R. E., District Engineer, Cuddapah, to Colonel G. W. WALKER, R. E., Chief Engineer, Public Works Department, dated Cuddapah, 1st June 1874, No 420

I HAVE the honor to forward, for your orders, the accompanying copies of my letters, Nos 329 and 330, dated 22nd May,

1 Copy of letters Nos 329 and 330
1 Abstract Estimate for Rupees 2,000
1 Specification
1 Plan
1 Abstract Estimate for Rupees 1,790
1 Specification

together with their enclosures, returned from the office of the Inspecting Engineer for Civil and Military Buildings, with reference to G. O., No 1,328, dated 18th idem, and to request that sanction may be

obtained for the compound walls for the new Taluq Cutcheries at Jammalmadugoo and Kadry.

From the District Engineer, Cuddapah, to the Inspecting Engineer for Civil and Military Buildings, dated Wontimettah, 22nd May, No 329.

With reference to your letter No 631, dated 27th April last, I have the honor to re-transmit the estimate of Rupees 2,000, with specification, for a compound wall for the Taluq Cutcherry at Jammalmadugoo with the countersignature of the Collector, together with plan* and sections therein called for.

* To be returned.

2 I take this opportunity to inform you that a sum of Rupees 2,000 was entered in the original estimate for a compound wall with a wooden gate, the former to be stone in clay and the gate pillars of stone in chunam

From the same Officer, dated Wontimettah, 22nd May, No 330

With reference to your letter No 637, dated 27th April last, I have the honor to re-transmit the estimate and specification for Rupees 1,790 for a compound wall to the Taluq Cutcherry at Kadry with the countersignature of the Collector, and to inform you that the plan and sections therein mentioned are the same as those for Jammalmadugoo Cutcherry, forwarded with letter No 329 of this day's date

2. As regards paragraph 2 the instructions conveyed in the Government Order alluded to will be attended to.

3 With reference to concluding paragraph, I beg to draw your attention to my predecessor's letter No 467, dated 1st May 1874.

No 63A. From Lieutenant-Colonel A. S. MOBERLY, R. E., District Engineer, Cuddapah, to Colonel G. W. WALKER, R. E., Chief Engineer, Public Works Department, dated Camp at Kundookoor, 17th August 1874, No. 943

With reference to your No 478, dated 26th June last, sanctioning two estimates, amounting to Rupees 2,000 and 1,800, for compound walls to the new Taluq Cutcheries under construction at Jammalmadugoo and Kadry, I have the honor to inform you that the estimate for the first work sanctioned in G. O., in the Judicial Department, No. 1,481, of the 15th September 1873, does not contain provision for a compound wall to the extent of Rupees 2,000, but on going over the details of the estimate, I find that a sum of Rupees 191-13 0 was provided for an hedge which was noted in it to have been already finished

2. I have therefore the honor to request you will allot funds for my pushing on the wall work as early as possible.

K 1175

No 661.

MEMORANDUM

Not having all the correspondence before him, the Chief Engineer is unable to account for the apparent inconsistencies of the letters from the Cuddapah District Engineer, No 329 of 22nd May, and No 943 of 17th August, the one stating that a sum of Rupees 2,000 was entered in the original estimate of the Jammalmadugoo Cutcherry, the other that no provision was made in the sanctioned estimate. When or by whom any modifications were made does not appear.

2 If no compound wall has been sanctioned then formal application to Government must be made for the same. But no funds will be available in the current year.

COTACAMUND,
25th August 1874.
To the District Engineer, Cuddapah

(Signed) G. W. WALKER, Colonel, R.E.,
Chief Engineer, P.W.D.

No 69. From Lieutenant-Colonel A. S. MOBERLY, R.E., District Engineer, Cuddapah, to Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Camp at Khazopett, 15th December 1874, No 1,791.

I HAVE the honor to submit, for approval and sanction, the accompanying revised estimate and specification with a comparative statement, amounting to Rupees 28,760, for constructing the new Taluq Cutcherry and Subsidary Jail at Jammalmadugoo, for which an estimate was sanctioned by Government in their Order No 10, dated 2nd October 1873, for Rupees 24,830.

2. The estimate provides for a verandah and compound wall, for the latter of which the sum of Rupees 2,000 was sanctioned by you in your No 478, under date the 26th June 1874, but with reference to paragraph 2 of your No 661, of the 23rd August last, a formal application is now made by inserting in the estimate an item of Rupees 2,023 for a compound wall with a view to your laying the estimate before Government.

No 70.

ORDER THEREON, 3rd February 1875, No. 297.

CIVIL WORKS, No 7.

THE revised estimate of Rs 28,760 now submitted for the new Taluq Cutcherry at Jammalmadugoo in Cuddapah is Rupees 3,930 in excess of that sanctioned in Judicial Order, No 1,481, of 15th September 1873. This excess is made up of the following items:—

Alterations of main buildings	Rs
Masonry compound wall	2,203
Well	2,023
...	34
Less on account of revised plans of the Jail latrine	4,260
Public latrine	214
Ryots' shed	46
...	70
Net excess ..	330
	3,930

2 The alterations of the main building appear to consist of the addition of verandahs round the Tahsildar's and clerks' rooms, in conformity with G O, No 795, of 23rd March 1874, and of modifications of the plans of the treasury and Police Inspector's rooms in conformity with Orders Nos 1,340 and 1,871, of 20th May and 13th July 1874. The excess on account of these alterations is liable to a recovery on account of a sum of Rupees 350 laid out on seven frames with iron bars not now required, the material of which is doubtless capable of being realized to a considerable extent, for which the District Engineer will account through the Controller of Public Works Accounts. The covering letter with which he has submitted this revised estimate contains so little information that the task of analyzing its details has been most improperly thrown on the Government Office.

3 Similar imperfections characterize the manner in which the District Engineer has dealt with the subject of inclosing the cutcherry compound. He has affirmed that a sum of Rupees 2,000 for the purpose of building a masonry wall was sanctioned by the Chief Engineer in his Memorandum No 478, of 26th June 1874, regardless of that officer's distinct intimation in memorandum No 661, of 26th August, that the formal sanction of Government must be obtained for the same if the estimate originally sanctioned did not contain an entry of the item as was first reported. The attempt to grow a live hedge having failed, and the Collector considering a masonry wall to be necessary, the additional sum required on its account is now also sanctioned.

(True Extract)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Cuddapah
.. Controller of Public Works Accounts
.. Judicial Department

Exd S T Austin
Spare Copies

Ootacamund
26th June 1874.

no 478.

Letter from District Engineer
Coosapah no 420 of 1st June 1874.

Memorandum

The estimates for Talook
Lutcheries and Subjails at Jemina-
-lamadoogro and Kadri, sanctioned
respectively in the orders of the Judi-
-cial Department nos 1481 of 15th Sept^r
and 1776 of 8th Nov^r 1873, having contained
provision to those amounts for
Compound walls, the Chief Engineer
sanctions the estimates of Rs 2,000
and Rs 1,800 now submitted for their
construction -

(Signed) G. W. Walker Col^lcl.
Chief Engineer O. M. D.
To The Dist Engr Coosapah

Copy of letter from the District Engineer (Budda) to the Inspecting Engineer for Civil and Military Buildings dated Wontimittah 22nd May No 329.

Encs
To be returned.

With reference to your letter No 631 dated 27th April last I have the honor to return the Estimate of Rs 2000 with specification for a compound wall for the Talook Butchery at Jamulwadga with the countersignature of the collector together with plan and sections therein called for.

2. I take this opportunity to inform you that a sum of Rs 2000 was entered in the original Estimate for a compound wall with a wooden gate, the former to be stone in clay and the gate pillars of stone in Chunar.

Copy of letter from the District Engineer (Budda) to the Inspecting Engineer for Civil and Military Buildings dated Wontimittah 22nd May No 330.

With reference to your letter No 637 dated 27th April last I have the honor to return the Estimate and specification for Rs 1790 for a compound wall to the Talook Butchery at Kadri with the countersignature of the collector and to inform you that the plan

and

and sections therein mentioned are the same as those for Jamaludgor (Pithor) furnished with letter No 329 of this date.

2. As regards para 2 the instructions conveyed in the Government Order alluded to will be attended to.

3. With reference to concluding para 9 beg to draw your attention to my predecessor's letter No 167 dated 1st May 1874.

District Engineer

1. No 420
From
L. 40
Cuddapah District Engineer's Office
1st June 1874
The District Engineer
Cuddapah.

9
Department
Draw
to forward
pumping
29 and 330
their su-
Office of
oil and
reference
to dem-
struction
Compounder
Lutchmiah
D. Radri
or to be
sent forward

P. Lutchmiah D. Radri
District Engineer Cuddapah

and sections therein mentioned are the same
as those for Jammalmadgoo (Putchery for-
warded with letter No 329 of this days date.

2. As regards para 2 the instructions
conveyed in the Government Order alluded
to will be attended to.

3.
beg to
letter

No 3315/74.

Enclosure to a
letter No 420 of
1st June 1874 from
the District Engineer
of Cuddapah to
Chief Engineer Madras

J. / No 420
From The District Engineer
Cuddapah.
Cuddapah, District Engineer's Office
1st June 1874

To The Chief Engineer
Public Works Department
Madras

Sir, I have the honor to forward
for your orders, the accompanying
copies of my letter No 329 and 330
dated 2nd May together with their en-
closures returned from the Office of
the Inspecting Engineer for Civil and
Military Buildings with reference
to L. O. No 1328 dated 18th & dem-
and to request that sanction
may be obtained for the Compound
walls for the New Talug Futcherry
at Jammalmadgoo and Madras.

I have the honor to be
Your Most Obedient Servant

A. M. S. S. S. S.
District Engineer Cuddapah

October 26 August 1876

Letter to the Hon. Sec. of the Interior

Memorandum

Not having all the correspondence before him the Chief Engineer is unable to account for the apparent inconsistencies of the letters from the Cuddepuat District Engineer No. 329 of 22 May and No. 413 of 17 August, the one stating that a sum of Rs. 2000, was entered in the original estimate of the Jammulmasa Contingency, the other that no provision was made in the sanctioned estimate. When or by whom any modifications were made does not appear.

If no compromise has been sanctioned then formal application to Government must be made for the

1. The District Engineer
Cuddepuat
No. 329 of 22 May

The District Engineer
Cuddepuat

The District Engineer
Cuddepuat

The District Engineer
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The District Engineer
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The District Engineer
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1. The District Engineer
Cuddepuat

2. The District Engineer
Cuddepuat

3. The District Engineer
Cuddepuat

4. The District Engineer
Cuddepuat

the same. But no funds will be available
in the current year.

(Sd) G. W. Walker Col R.E.
Chief Eng: P.W.D.

To the D^g Eng: Cuddapah

Cuddapah District Engineer's Office
Camp Kundlur 21st August 1874.

From
The District Engineer
Cuddapah

To
The Chief Engineer
P. W. D.

Sir
With reference to your No 478
dated 26th June last sanctioning two Esti-
mates amounting to Rs 2000 and 1800 for
Compound Walls to the New Jail Cut-
Cherries under Construction at Jammalamadra
go and Kadiri, I have the honor to inform
you that the Estimate for the first Work
sanctioned in G.O in the Judicial Depart-
ment No 1481 of the 15th September 1873 does
not contain provision for a Compound Wall
to the extent of Rs 2000 but on going over
the details of the Estimate I find that
a sum of Rs 191-13-- was provided for an
sledge which was noted in it to have been
already finished.

2. I have therefore the honor to request
you will allot funds for my pushing on
the Wall work as early as possible

I have

1868
 Jan 6. 1-76
 April 16. 1872
 June 6. 1-75
 Sept. 16. 1872. 1875

Steps

Filling

Looking

Scaffolding

Specification to accompany
Estimate for Constructing a New & Sub-
sidiary Jail at
Jamalnagar.

cut trenches to the full depth shown in Estimate or to such depth as the officer in charge may direct.

Clear away all steps that may be made during the progress of work

On receipt of an order in writing from the Officers in charge fill in the sides of the completed masonry in layers of 12 inches, each layer to be well watered & rammed until brought up to the ground level.

Immediately under floor a foundation of broken stone rubbish should be formed well watered and rammed.

Inspect, maintain, and dismantle
under orders, all masonry scaffolding

: The scaffolding will consist of country wood or Palmyrah up rights braced with pieces of the same

Materials & strongly fastened with rope

At completion of work clear & clearing all rubbish which may have accumulated during the progress of the work.

Remove stains of whitewash or lime from wood work, ^{then} oil & render effective all door furniture, ironmongery & fastenings, and deliver the work up in a neat & workman like manner.

Provide stones under all trusses, Stone the stones should be perfectly even & laid in strong chumam.

To be built in the positions given Steps in plan, the tread to be 12 inches the stones large and evenly laid with close fitting joints.

Dress users, treads, & joints, three lines, hammer dress all other surfaces and lay in mortar.

Work a spiral stair case of Spiral the dimensions shown in plan.

The steps will be blue stone neatly dressed with a thickness of $6\frac{1}{4}$ inches the diameter forming the centre shaft will be 6 inches.

Stone slabs

Provide stone slabs to the sill of all doors and openings also to the edges of covered way and verandah.

Slabs for floors

To be $1\frac{1}{2}$ feet square $\times$ 3 inches thickness closely fitted & neatly pointed.

Trusses

To be of the dimension given for each part of building, these will be eleven in all, the lower end of the iron tie rods to have octagonal heads, $4\frac{1}{2}$ by $\frac{1}{2}$ inch washers, at each end of truss there should be a strap formed of $1\frac{1}{2} \times \frac{3}{8}$ inch iron forged to half inch & screwed down properly.

Doors & Windows

These have been already made according to the standard plan.

Masonry in foundation

To be of blue laminated stone set in mortar $2\frac{1}{2}$ feet broad $\times$ $3\frac{3}{4}$ in depth or such other depth as the

June 6-1-75
Jagdish Chandra Choudhary
= masonry
= masonry
= masonry

Officer in charge may direct. The breadth of walls under the record room & the retaining walls of Verandah to be according to plan & Estimate.—
Walls will be 2 feet wide & 2 feet high excepting under record room & round Verandah the former will be $2\frac{3}{4}$ feet wide & the latter $1\frac{1}{2}$ feet.—
Construct all walls above basement except those hereafter mentioned $1\frac{1}{2}$ ft wide & of the heights shown in plan & Estimate. The walls of Shrestadars & Cashiers rooms will be $1\frac{3}{4}$ feet thick & that of partition wall between private & lock property rooms one foot thick. The whole of the masonry to be of blue laminated stone hammer dressed set in mortar & properly bonded.
To be of blue stone set in mortar with voussoirs properly cut & fitted.
To be of blue stone $1\frac{1}{2}$ feet in depth over all doors.
Enclose front & rear of Inspector's room with Honey Comb brick work.
Circular arch work.
Flat arch work.
Honey Comb work.

$1\frac{1}{2}$ feet thick.

Defects

After the roofing & fixtures have been completed make good all defects in masonry caused by the execution of other work and plug up all Putlog holes.

Masonry to be coursed

The whole of the masonry to be roughly coursed & hammer dressed on face and bed, and to be laid in a neat & workmanlike manner.

Pointing

Take out all joints to full depth of $\frac{1}{2}$ inch, wash the surface & fill with Churnam flush with surface.

Whitewashing

The whole of the building inside to be whitewashed with 3 coats.

Terrace

Floor of record room with concrete Terrace laid over joints & plaster on top & bottom in the usual way.

Pan tile roof

Roof the whole building, except turret, with one course of flat tiles steeped in churnam, with mortar between joints & two courses of pan tiles. The churnam borders to be 9 inches wide & placed 3 feet

Where the spiral intercepts the flashing
head room provide a fix lead in
flashing 9 inches broad.

Carpenter

When trusses are hoisted put
on the ridge over the king rods and
screw the 2^d. nut down as tight as
possible.

Attach the rafters into the Purline
of Breastmovers but on no account.

Cut the Bressumers or Purlins L^{ts}
every rafter project 1-6" beyond the
face of the Verandah posts. Bring each
rafter up against the ridge & spike it
as shown on the drawing—

Beams susp Provide & fix in position all beams,
-ended pieces &c. bressummers, joists, ridge poles, posts
Suspended pieces & posts, as enumerated
in the Estimate & of the Scantling shown
therein.

Iron Doors. To be of Iron bars inside, & battened
doors out according to revised standard
design _____

Wooden doors. To be of Teakwood $\frac{1}{3}$ pannelled
 & $\frac{2}{3}$ Ventriated, the Treasury doors will
 be made extra strong by strong bands
 of Iron. —————

Painting Paint all exposed surfaces of wood
with 3 coats good wood oil —————

Turret roof Over the turret will be fixed a wooden head consisting of a frame in work octagonal in shape & fitted with 8 Venetian windows & a tapering cap as shown in the drawing I—

Workmanship & Materials— The wood will be

Seal to City of London

Seal to City of London

Seals well seasoned free from knots & other flaws, clean & wrought with European tools, all mortises and joints will be carefully made and executed in a clean workman like manner. The iron will be of the best quality, clean, wrought and welded hot, all bolts will be provided with washers twice the diameter of nut or head. The stone for building with, to be what is called blue stone laid in courses not exceeding 6 inches in height. The mortar will be composed of 1 lime to 2 clean sharp river sand well powdered & mixed.

The white wash will have a fair proportion of glue mixed for sizing.

Specification to accompany a Plan of Latrine of 4 Seats for prisoners to be built at Jamalabad 1860

1. Amount of Estimate Rs 492
2. The Latrine will consist of a Port or Portico roof on 4 pillars with a plastered floor. Carried by 6 pillars with

Description

Seal Bressummers, The spaces between the pillars to be filled in for $3\frac{1}{2}$ above ground level with walls 9" thick of brick in Chumam, the space between top of walls & bressummers to be filled in with honey comb brick work.

Pillars 3. Foundations to be of rough stone in Chumam 2 ft square & 2 ft deep also with a basement of rough stone in Chumam 1-6" square & 1 foot high, the pillars themselves to be 5 feet high & $1\frac{1}{2}$ ft square & built of brick in Chumam.

Walls 4. Foundations to all walls to be of rough stone in Chumam & all above ground level of brick in Chumam.

Concrete 5. The whole of interior to be floored with concrete 3" thick composed of 12 of stone 4 of sand & 2 of lime mixed with sufficient water to prevent loss of lime & well beaten down.

Plastering 6. The exterior of all walls & Pillars & the whole of latter above top of

walls to be plastered with 1 coat
of Chumam.

7. The interior of all walls &c. Plastering

to $3\frac{1}{2}$ ft above ground also all floors
& troughs to be paved over with 2 coats
of hot coal tar, at least 7 days to
elapse between applying the 2 coats.

8. All woodwork to be of teak Woodwork
is of the scantlings shown in Plan &
Estimate.

9. To be carefully built of well Honey Comb
in shaped bricks in Chumam joints, Brickwork
each brick to be soaked in white
wash before it is used.

Specification to accompany Plan
of Latrine of 8 Seats for Public to be
built at Jamalmadogo.

1. Amount of Estimate Rs 700

2. The Latrine will consist of Description
a Pot or Pautele roof on 4 in 4
couple - Carried by 12 Pillars with
Teak Dresssummers. The spaces

between the Pillars to be filled in for
 $3\frac{1}{2}$ above ground level with walls 9"
thick of brick in Chumam, the space
between top of walls & dresssummers
to be filled in with Honey Comb in
brick work.

Pillars 3. Foundations to be of rough stone in
Chumam 2 feet square & 2 ft deep also
with a basement of rough stone in
Chumam 1-6" square & 1 ft high, & for
these pillars to be 5 & 6 of 10 ft high
& 1-1 $\frac{1}{2}$ ft square & built of brick
in Chumam.

Walls 4. Foundations to all walls to be
of rough stone in Chumam & all above
ground level of brick in Chumam.

Concrete 5. The whole of interior to be floored
with concrete 3" thick composed of
12 of stone, 4 of sand, & 2 of lime, mixed
with sufficient water to prevent
loss of lime & well beaten down.

Plastering 6. The exterior of all walls and
Pillars & the whole of latter above
top of walls to be plastered with

1 Coat of Chumam.

7. The interior of all walls & to larring.

3 1/2 feet above ground, also all floors and troughs to be paved over with 2 coats of hot coal tar; at least 7 days to elapse between applying the 2 coats.

8. All woodwork to be of teak of the scantlings shown in Plan and Estimate.

9. To be carefully built of Honey comb well shaped bricks in Chumam Brickwork in joists, each brick to be soaked in whitewash before it is used.

Specification to accompany Plan of Shed to be built at Jamalmadoogoo.

Amount of Estimate Rs 1115

The shed to be built according to the standard plan, foundation to be of rough stone in chumam 3 feet in depth & the walls above to consist of hammer dressed stone in chumam neatly pointed.

27
The roof will consist of flat and pantes laid on teak wood sleepers and rafters.

Good bricks and palmgrahs are not procurable in the Jamalmadoogoo Taluk but the stone is excellent, & teakwood is easily procured from Madras, hence the object in using stone & teak in preference to brick and Palmgrah.

The foundation will rest on a bed of concrete 3 ft wide & 1 foot thick, for proportions see data.

The flags for flooring to be 1 ft square & 3 inches thick laid on sand & the joints neatly grouted.

The Honey Comb Work to be built between pillars as shown in plan (diamond pattern) and plastered smooth with two coats of chumam.

Look Room

Excavation & filling in basement.— The trench for the foundations will be dug out to a depth of 3' and will be 2' wide throughout.

The basement will be filled in with earth up to a level of 1" of the top of the basement & will be well rammed down.

The whole of the foundations Basement Masonry and superstructure will be of blue stone in Chumam, the basement & superstructure to be rough dressed, the joints to be squared out and neatly pointed throughout—

The whole of the wood work to be Woodwork of teak wood well seasoned and free from flaws—

The roofing to consist of 1 course Roofing of flat tiles & 2 course of pantiles laid over rafters of teak wood $2" \times 3\frac{3}{4}"$ laid 6" from centre to centre, over the tiles will be laid Chumam borders 12" wide the borders to be about 3' apart—

The flooring to be of concrete 3" Flooring thick well rammed and to receive 3 coats of tar. All building rubbish to be cleared away from the vicinity of the building after its completion—

Well

31

Remove the upper strata of earth supposed to be four yards deep with a slope of 7 to 1 the measurement of the square at the bottom of the excavation to be $4\frac{1}{2} \times 4\frac{1}{2}$ and the measurement of the top square $8\frac{1}{2} \times 8\frac{1}{2}$ yards—

Below this depth cut sides vertically. If stratum of stone is too hard it will be necessary to blast, if soft remove with crowbars. and continue the cutting until the full depth of 11 yards below ground level is reached—

The upper part above the stratum of rock to be built of blue stone set in Chumam and neatly pointed—

As the wall on all sides is being raised the filling in should be proceeded with and the earth well rammed—

A flight of steps should be built on the north side of the well with blue stone set in Chumam according

Sept 10 1875
L. A. C. & Co. Architects
San Francisco

It is to be the measurements shown in the drawing.

Compound Wall

The Estimate provides for a wall of Nature of work
Rubble stone in clay $1\frac{1}{2}$ in thickness and
5 in height with a coping of slab stones and
Concrete 12 in height. The foundations to be
2 in thickness and 2 in depth. The stone to be
same description as that used in the cuttings
although it is not required to be uniform
in size.

Gate Pillars to be of stone in diameter Gate Pillars
 $2\frac{1}{2}$ feet square and 2 feet high with foundations
size of stone in diameter 3 feet square and 2 feet high.

The Coping will be as it is shown Coping

When a course of 3 slates set in channel

on which the top face of wall is to be

to be set in channel so that the slates should be

set in channel so that the slates should be

set in channel so that the slates should be

afterwards the stone in proper proportion to
be added, concrete to be laid on & well
beaten down to proper section. The rates
given in the Estimate allow of a thin coating
of plenum to be spread over face of concrete
and to be well rubbed down until perfectly
smooth.

Pointing

The joints to be well raked out to a
depth of $1\frac{1}{2}$ and carefully refilled with plenum
putty, to be composed of lime 1 part & sand
2 parts ground together on a smooth stone
into a paste.

Circular

Two circular stones each 9 in.
length 9 in diameter are provided for in
the Estimate, these will be so placed as
to meet the central upright piece of the
gate, when open and to which a hook is
affixed to keep it in that position, &
staples to be let into top of stone with lead.

Gate

A Gate of Teakwood 15×5 as shown
in Plan & sections is also provided, it
will be hung as shown in elevation, the
bolts to pass through the wall, & to be
screwed up tight care to be taken that
the Gate hangs perpendicular.

Wm. C. C. C.

Description of work.	Rate	Per	Amount.	Total.
W. & M. Smith & Co. St.				

35 //

Right Flats for steps ~~are~~ 12
 do do do for all doors
 are always 4 feet later } . 3 . - 00 - 106 8 .
 size of windowing ball room roof &c 18 - Sep. 153. " "

The gate when being to receive
 2 coats of coal Tar neatly finished
 off

Cuddapah Range Office
 Camp & Salpinda
 of 21st August 1874

(W. M. S. S.)
 Fort Engineer

From
 The Officer in Charge
 of Cuddapah Range
 To
 The District Engineer
 Cuddapah
 of 24th August 1874.
 Recd. do.

Specification to accompany
 Estimate for Constructing
 a new Salpindah Subchamber
 and subsidiary wall
 of masonry work
 101-2521/74.

Civil Buildings: Abstract Estimate New Works 37
 Cuddapah District.
 Work. Constructing a Salpindah Subchamber at Jamialmadugur in the old
 Office.

Quantity	Description of work.	Rate	Per	Amount	Total
Work actually built & finished					
719	Cy. Foundation & basement Stone in Chumam	5 1/2	Cy.	3870 3 11	
18	Cy. Superstructure & chimney Completed	6 1/2	Cy.	419 13 9	
396	Cy. Earth work	2	Cy.	49 8	
216	Cy. Stone in Chumam on account of change of plan	4 12	Cy.	1026	
105	Cy. Earth work excavating for a tank	6	Cy.	69	
544 2/3	Cy. Superstructure & chimney on account of change of plan	5	Cy.	2721 1 9	
31 1/2	Cy. Circular flat roof	6 12	Cy.	212 8	
27 3/4	Cy. Walling in sandstone	8	Cy.	341 10	
137	Cy. Brickwork in wall	4	Cy.	34 4	
1420	Cy. Earth road	1	Cy.	1420	
6.01	Cy. Stone	33	Cy.	198 5 3	
22.53	Cy. Stone	79	Cy.	1942 1 7	
61	Cy. Stone flooring with 1 foot square tiles and pointing	8	Cy.	618 8	
318	Cy. Stone for steps & bench	2	Cy.	39 12	
568	Cy. Stone for steps & bench archways & ventilators	3	Cy.	106 8	
102	Cy. Stone for steps & bench	1	Cy.	153	

Quantity	Description of work	Rate	Per	Amount	Subt.
Brought forward -					
Tower -					
3 1/2	Cyp Earth work	1	Cyp	3 1/2	8 6
36	Stone in Churnam	8	10	202	8
11	Spr Pointing	1	8	88	16 8
4 1/2	White washing	4	2	9	2
22	Stone Steps for Stairs	1	each	22	
1	Door over doorway raised	8	10	80	
1	Wooden head over masonry				
	comprising Venetian shutters				
	& frames complete				200
1	Wooden Cap				200
1	Iron Bull				50
11	King post trusses with some				
	nails & complete	20	10	200	
22	Shak wood Doors 3/4 pannelled				
	& 2/3 Venetian	48	10	480	1056
4	Do - batten with iron bars				
	for masonry	60	10	600	240
5	Do - & Iron barred Doors for				
	male & female wards of jail	74	10	740	370
	with batten Doors				
3	Do - do - with iron furniture				
	and batten Doors	65	10	650	196
8	Iron barred Ventilators 5x2	15	each	120	
2	Batten windows for inspection				
	Room 5 x 3	22	8	176	45
6	Windows in second room Venetian				
	& Semicircular top 2 x 5	30	10	300	180

Quantity	Description of work	Rate	Per	Amount	Subt.
Brought forward					
1	Window in second room				
	Venetian & Semicircular top (2x5)	20	each	20	21
8	Iron barred windows				
	Circular & 2 feet diameter	10	10	100	50
1	Do - do - for hall	10	10	100	10
2	Do - for masonry				
	Right Hand railing in front	8	10	80	
	Do - do -				
1	Baye Board in front of				30
	Do - do -				
1	Do - railing 15 feet long				200
	x 11 - high with ornamental				
	for masonry basin				
1	Do - for masonry				
	here from here for original	30	10	300	350
	work & masonry - rejected				
Total Paper					21234123
Tender in 10 percent					212339
Total Estimate Paper					23413
Jail Station					
8	Cyp Pointing in Churnam	3	12	36	30
15	Do - do -	1	2	2	61 14
12	Do - do -	2	10	20	18
4	Right Ceiling in room walls				1
	Cornering stone & masonry	4	each	4	
12	Cyp Pointing with concrete	2	2	4	5 10 9
11	Cyp Pointing in Churnam	2	14	28	14 47

11 Lower
Iron Ring, parts for all Truss with
Lenses, nuts and ornaments } 20 .. 220 1/2
Iron work }
4 Oak wood }
20 .. 220 1/2

- 24 Leak wood doors, $\frac{1}{2}$ paneled 10 ft & $\frac{2}{3}$ ventilation complete } 48 " 1152
- " - Do - batton with Iron bars for Treasury - } - - - -
- 8 Doors of Leak wood frames and Iron barred shutters for male & female jail ward } 74 " 572
- " - Do - - - - with iron fixtures & batton doors } - - - -
- 8 Ventilation with iron barred for above } 15 " 150
- " Batton Windows for Inspection room 5 x 3 - } - - - -
- 6 Windows in second room including 10 paneled top with Ventilation shutters } 30 " 150
- 1 - Do - - - - - Do - - - - - 20 " 20
- 5 Windows with Ventilation shutters Circular 2 ft in diameter } 10 " 100
- " - Do - - - - - Do - - - - - for Treasury - } 2 " 20
- 32 7 ft Wooden flooring in Court house 2 5 " 50
- 1 Barge board in front of building Room, as shown in plan } 30 " 30
- 102 1/2" Wood siding to all doors Roofs &c - } 1 " 153

49

22 148 - 1056 - 2 96 ✓ Due to modification of Plan

14 60 - 240 - 4 240 - Do -

5 74 - 370 - 3 222 ✓ - Do -

30 65 - 195 - 3 195 - Do -

8 15 - 120 - - - - -

22 228 - 115 - 2 115 - Due to change of Plan in Inspector's Room

6 30 - 180 - - - - -

1 20 - 20 - - - - -

5 10 - 50 - - - - -

32 28 - 80 - - - - - of Plan

1 30 - 30 - - - - -

102 15 - 155 - - - - -

35 $\frac{3}{4}$ Cycles Stone in Chumam
 " Lyes Painting in and outside 5 10 - 211 16
 1 $\frac{1}{2}$ Cycles of Rough Stone 1 5 - 16
 4 $\frac{1}{2}$ Cycles of White washing inside 6 12 - 57
 22 Stone Slabs dressed by labor
 themselves a detail } 1 - 22
 1 - 10 - 10 our doorway
 dressed } - 5 - 5
 1 Wooden head over Masonry
 comprising 8 Venetian
 shutters frame complete } 300 - 300
 1 Wooden Cap as shown in the plan 200 - 200
 1 Iron Scaff 50 - 50
 5 $\frac{1}{2}$ Cycles Earthwork 50 - 50
 " Iron railing 15 ft. long x 11 ft. high
 with door in center for
 Treasury room }
 " Door frames with Iron bars
 purchased for original
 work and have not required

Total Repairs 1928 39
 Sundries and Superintendence 1928 123

Total Amount of Estimated Repairs 2121

Jail Latrine

11 Cycles of Rough Stone in Chumam 3 10 - 39 14
 20 - 10 - Stone in Chumam
 including painting } 5 - 100
 - 10 - Brick in Chumam

36 $\frac{1}{2}$ 5.10 - 2064 - $\frac{11}{12}$ 5-2-6
 11 1.5 - 168
 1 $\frac{1}{2}$ 1.2 - 12
 22 1 - 22
 1 300 - 300
 1 200 - 200
 1 50 - 50
 45 $\frac{1}{2}$ 1 - 56
 1 200 - 200
 1 50 - 350
 1 350

Due to extra
 width in foundation
 51

Due to Modification of Plan.

Doors prepared
 on original plan
 & not required

39 2118 151
 123 215 - 11
 2337 2433 86 334 86
 8 - 3-12-30 3-9-14
 5 100
 6 $\frac{5}{7}$ 42 - 2583 6 $\frac{5}{7}$ 2583

Due to extra work

119 Cyls. 4 ft.

Roof Shed

8 Cyls of Concrete	3	2	25	
3 1/2 Cyls of Gravel	2	1	45	
218 Cyls of Teak wood masonry. 1/2 ft. x 1/2 ft.	1	1	1	1
12.01 Cyls of Roofing with 1/2 Cal & 1/2 tiles	1	1	1	1
Teak wood keposts and Chumam borders	19	22	122	
Cyls of Earthwork				
Do. Rough Stoner in Chumam for foundation				
Do. Hammer-dressed Stoner in Chumam				
Do. of Heavy Combwork (Bridges)				
Do. of Painting in & out side				
Do. of White washing inside				
Do. of Flooring with Blue stone				

Total Repairs

Sundries and Superintendence

Total Estimate Repairs

Roof Shed

14 2/7 Cyls of Basement and foundation	3	10	51	4
14 6/7 Cyls of Superstructure Stoner in Chumam	4	12	69	5
3 1/2 Cyls of Teak Wood	1	8	9	14
6.61 Cyls of Painting with Chumam	1	8	9	14
3.78 Cyls of Roofing with 1/2 tiles & Chumam borders	19	22	122	
2.06 Cyls of Flooring with concrete	8	4	16	15
15 Cyls of Earthwork	16	1	66	

Total Repairs

Sundries at 10 per cent

Total Amount of Estimate Repairs

11 5/9	3	2	36	1	9	3	5	11	1	9		
115 17/24	4		16	2	13	4					102	149
11	19		209								1	04
61 17/24	1		3	13	8	6	17	3	13	8		
24 2/7	3	12	90	13	4	24	2	90	13	4		
27 5/7	4	12	130	14	3	27	5	130	14	3		
1.40	8	11	12	2	7	1	40	12	2	7		
12.00	1	8	18			12	00	18				
14.00		4	1			14	00	1				
5 3/4	8	8	48	14		5	3	48	14			
10	13	8	11			3	16	11	7		1	33
101	7	1									8	8
115						3	16	11	7		1	41
						385					425	

14 2/7	3	10	51	4								
14 6/7	4	12	69	5								
3 1/2	4		12	6								
6.61	1	8	9	14	7							
3.78	19		22	122								
2.06	8	4	16	15	11							
15		1	6	1	6	6						
346	7	5										
34	8	7										
381												

Differences due to a total change of Plan.

Wall

281 1/2	Cyds Earthwork	"	51	54 1/2	
90	do Laming	"	2	15	
162	do Cutting rock	1	8	243	
40	do do	"	12	30	
102 1/2	do Stone in Chumam	4	12	488 1/2	
267	do Clearing silt	"	1	16 1/2	
12	Atop	"	1	3	
Compound hedge all ground work already done					
Total Repairs					1028
Sundries and Superintendence					161
Total amount of Estimate Repairs					1189

Compound Wall

"	Cyds of Burnt Stone in clay	"			
"	do do in Chumam	"			
"	Rg. ft. Coping to top of wall consisting of 3 slab stones and concrete	2			
"	Sq. ft. of Painting with Chumam	"			
"	Circular stone posts for gateway including holes for hooks	2			
"	Cy. of Teak wood wrought and delivered complete	2			

281 1/2	"	31	54 1/2		
90	"	2	15		
202	1	8	303		
102 1/2	4	12	488 1/2		
267	"	1	16 1/2		
12	"	1	3		
					191 1/2
					1058 1/2
					105 1/2
					1164

Due to insufficient rate in original estimate

587 5/8	2	8	1468 3/8	587 5/8	1168 3/8
5	3	12	18 1/2	5	18 1/2
1379	2	2	156 1/2	10	1379 156 1/2
1390 9/16	1	5	152 5/10	1390 9/16	152 5/10
2	2		4	2	4
9 2/3	4		38 10 5/8	9 2/3	38 10 5/8

Latently sanctioned for execution

- lbs of wrought iron in hooks Churns, bolts &c. - Sqr of Plastering with 2 coats of Coal tar to gateway complete - Cys Earthwork in excavating foundations to walls &c.	} } }	" - - - - - " " " " " " " " " "
---	-------------	---------------------------------------

Total Rupees _____

Sundries and Superintendence —

Total amount of Estimate Papers—

Grand Total Repair	27,000
Deduct (value of cyds of stone to be used from work destroyed)	1,250
Balance Repair	25,750

Add for new members _____ 8

Total amount of Estimated Revenues 26430

Deduct amount already sanctioned
 in C. & A. No. 10. dated 10. October 1973

Balance required to complete
according to Revised Design
of Guttenberg with Vrandak
round clock and Talsildak Horns

109 - 2 - 1310 - 10/13 N.

0.90 112. 172 0.90 172 . . .

255' 1. 162. 255' 162. . . .

1938 4 = 1938 4 2

96 11 10 96 11 10

2027. - 2017. .

29/55.

495.

21570.

3

2,576 - 2,130 -

-२५०.

— ۷۷ —

Cuddapeta Range Office
Camp Vailpala
27th August 1874

Luddapah Range Office
August 11/87 1/4 }

(Bryant Hall)
Sub Engineer
In Charge of Coalbrook River.

Quantity

Wendell

John Smith

James as far as concerned
Robertson

Comparative Statement for Constructing a New Jail. Exhibited at

750

10

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六二

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1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745

श्रीगुरुभ्यो नमः

1948

2000

$$\frac{2.7}{2.7}$$

5

719 C.

1794
Buddapala District Engineer's Office
Camp Thazapett
15 December 1874
65

From
The District Engineer
of Buddapala
To
The Chief Engineer
P.W.D.
Fort St. George.

Sir

I have the honor to submit
for approval and sanction, the
accompanying Revised Estimate
and specification with a Comparative
Statement amounting to Rs 28760
for Constructing the New Talao & B.
Cutcherry and Subordinate Jail at
Jammalamadga for which an Estimate
was sanctioned by Government in
their Order No 10 dated 20 October 1873
for Rs 24830.

2
The Estimate provides for
a Verandah and Compound wall
for the latter of which the sum of
Rs 2000 was sanctioned by Govt in
your No 478 under date the 26 June 1874

From
The District Engineer
of Buddapala
To
The District Engineer
Buddapala

24 August
1874

Confidential Estimate
for Constructing a New
School Building at
Jammalamadga

11/12/92 1/74
8-1-99 1-3-2-75

Comparative Statement for Constructing a New Talug Cutcherry at

Items as per sanctioned Estimate

Quantity Description Rate Amount Total

MRO 1-10,000-23-2-50

(1) Number of pages

(2) Date of repair

(3) Name of Engineer

but with reference to para 2 of your
No. 661 of the 26 August last, a formal
application is now made by inserting
in the Estimate an item of Rs 2023
for a Compound wall with a view to
your laying the Estimate before
Government.

I have the honor to be

Yours Most Obedient Servant

W. H. B. Esq. Col R. E.

District Engineer

Mudilapalle

P.M.D. 18
Proceedings of the Madras Government
Read the following 69

Feb 11/74
P.T. 07

1st June 1874
17 August --
26 Dec --

order Estimate
now submitted
Talug Cutcherry
Madras in
Rs 3935 in
sanctioned
order No. 1481.
1873. This is
the first

July
1896. 175

P. M. D.
 Proceedings of the Madras Government
 Read the following 69

From the D.^r ~~James~~ Laddapah. (P.E. no 420 of 1st June 1874)
 do do do (P.E. no. 943. 17 August. -)
 Chief Kings Men do (P.E. no. 661. 26 -)
 do do do (P.E. no. 1794. 15 Dec. -)

297

The revised estimate
of Rs 28760 now submitted
for the new Taluk Cutcherry
at Pammilmaadugos in
Siddapatti is Rs 3935 in
excess of that sanctioned
in Judicial Order No 1481
of 15 September 1873. This ex-
cess is made up of the fol-
lowing items.

871

alterations

for
you
Go

Alterations of main Building: Rs. 2213
Masonry compound wall . 2123
Well 82

2250
Less on account of excess of plan
of the Jail Labrine . . . 214
Public do 46
Byots shed 70

330
Net excess Rs. — 3230

2. The alterations of the
main Building appear
to consist of the addition
of verandahs round the
Tahsildaris and Clerks'
Rooms in conformity with
G.O. No. 795 of 23 March 1914
and of modifications of
the plans of the Treasury
and

and Police Inspector's Room
in conformity with orders
Nos 1340 and 1871 of 20th
May and 13 July 1914
The excess on account of
these alterations is liable
to a recovery on account
of a sum of Rs 350 laid
out on 7 frames with
iron bars not now required,
the material of which
is doubtless capable of
being realized to a con-
siderable extent; for the
which the District In-
spector will account two

The Controller of Public
Works Accounts. The
covering letter with which
he has submitted this
revised estimate contains
as little information
as it was in his power
to afford the task of
analyzing its details
being most improper.
Known to the Government
Office. It is in this
way, amongst others,
that Col. Moberly creates
a feeling of dissatisfaction

but the "man"
is perfectly
reliable

of the committee
on the subject
of the

73
on the part of Government
as to the manner in which
he performs the functions
of his office of District
Engineer.)

3. Similar imperfections
characterizes from first
to last the manner in
which he has dealt with
the subject of enclosing
the Cutcherry Compound.
He has affirmed that
a sum of Rs 2000 for the
purpose of building a wa-
ter supply wall was sanctioned
by

having failed, and the collector considering a masonry wall to be necessary, the additional sum required on its account is now also sanctioned.

C. W. W.

To the D. C. Cundolph ✓
Controller ✓
Judicial Dept ✓
Sept 5/2/75.

by the Chief Engineer in
his memo no 478 of 26
June 1874, regardless of
that Officer's distinct in-
formation in memo. no
661 of 26 August that
the formal sanction of
Government must be
obtained for the same
as if the estimate originally
sanctioned did not con-
tain an entry of
the sum as was first
reported. The attempt
to grow a live hedge in-
viting

7921

Obt. of 1871
PUBLIC WORKS.

★
Mest. Mgr.
Cuddalore

2

3 Feb 1897

No 68-70

New Telug Cuddalore
at Summer mailings
Cuddalore S. -

The revised Estimate for
the Cuddalore ~~canals~~
as well as the addi-
tional sum required for

the Cuddalore compound
little cancelled with
—

W. 1-76

Description of work	Rate	Per. amount	Total
Brought forward			
6.50 Sgrs Saring & Coals	2.12	12.00	47.14
4.75 do Roofing pantiels and Chemam borders	10	47.8	
71.110 Cft Teak wood wrought and put up	4	287.15	
1.82 Sgrs Honey Comb brick work	8.11	16.13	
Total Rupees			483.75
Sundries at 10 percent			48.37
Total Estimate Rupees			532.12
Public Latrine			
11.2 Cys Right stone in Chumam	3.12	13.44	
23.10 do Brick in Chumam	4.2	96.60	
12 Cft Pl Coping do chendereng walls	2	24.00	
8 Covering stones on the opening with each	2	16.00	
2.26 Cys Flooring with concrete in Chumam	3.2	9.24	
7.14 Sgrs Plastering with 1 coat of Chumam	2.14	20.85	
10.49 do Saring two Coals	2.12	28.13	
7.26 do Roofing with pantiels	10	72.80	
84.112 Cft Teak wood wrought and put up	4	339.10	
2 Stone beams	1	2.00	
2.94 Sgrs Honey Comb brick work	8.11	26.88	
Total Rupees			639.10
Sundries @ 10 percent			63.91
Total Estimate Rupees			703.01

Description of work	Rate	Per. amount	Total
Cook Shed			
6.17 Cys Earth work	1	6.17	
11.9 do Concrete	3.2	38.08	
24.7 do Right stone in Chumam for foundations	8.12	290.13	
26 Hammer dressed stone in Chumam	4.12	122.88	
1.40 Sgrs Honey Comb brick work (Bricks)	8.11	12.27	
12.67 Cft Teak wood	4	50.68	
11 Sgrs Roofing flat & pantiels	19	209.00	
Teak kepers & Chumam borders	1.8	18.00	
12 do Pointing in front side	4	48.00	
4 do White washing inside	8.5	34.00	
1.27 do Flooring with stone	5	6.41	
Total Rupees			1063.16
Sundries at 10 percent			106.32
Total Estimate Rupees			1170.48
Cook Shed			
14.2 Cys Basements & foundations	3.10	42.60	
14.16 do Superstructure stone in Chumam	4.12	58.99	
31.2 Cft Teak wood	4	124.80	
6.61 Sgrs Pointing with Chumam	1.8	11.90	
3.78 do Roofing with pantiels	19	71.82	
do Chumam borders	8.4	31.68	
2.06 do Flooring with concrete	1.6	3.30	
14 Cys Earth work	1	14.00	
Total Rupees			346.51
Sundries at 10 percent			34.65
Total Estimate Rupees			381.16

Description of work
 Rate Per Amount Estab.

Well

281 1/2 Cyp Earth work
 90 - do - Pumping
 202 - do - Rock cutting
 102 1/2 - do - Stone in Chumam
 269 - do - Clearing silt
 12 - Ship
 Compound hedge all round with
 a break done

Total Rupees

Sumons at 10 percent

Total Estimated Rupees

Compound Wall

687 1/2 Cyp Burnt stone in clay
 5 - do - do in Chumam
 1379 Cyp Laying to top of wall consisting
 of 3" slabs stone & corner
 139.09 Cyp Pointing with Chumam
 2 Circular stone Pools for
 Gah way including holes
 for hooks
 82 1/2 Cyp Oak wood wrought &
 delivered complete
 109 1/2 Cyp Wrought iron in hooks
 hinges lillo &c
 90 Cyp Pointing with 2 coats of soil
 for Gah way complete
 258 Cyp Earth work in excavating
 foundation for wall

Total Rupees

Sumons & Superintendence at 5 percent

Total Estimated Rupees

Description of work
 Rate Per Amount Total

Grand Total Rupees
 Deduct Value of stone used from work destroyed

Balance Rupees
 Add for even numbers

Deduct Amount already
 sanctioned in G.O. No. 10 of 1873
 October 1873

Balance required to complete
 according to revised design
 of Anteherry with verandah
 all round clerks & Shalimar
 Room

Ludapah Pangl
 Officer & District Engineer
 1874

Sub Engineer
 Ludapah Pangl

Colonel B. B.
 District Engineer