M.R.O. 1—10,006—23-2-50.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

pub. works DEPARTMENT

G.O. No.	3363	Press
~~B.P. No.~~ 511,14		~~Mis.~~
Dated	30. 11. 1874	195 .

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 30th November 1874.

Read the following papers :—

No. 511. From District Engineer, Vizagapatam, dated 22nd Aug. 1874, No. 1,005.
No. 512. „ „ „ „ 19th Sept. „ „ 1,189.
No. 513. „ „ „ „ 20th Oct. „ „ 1,392.

No. 514. ORDER THEREON, 30th November 1874, No. 3,363.

CIVIL WORKS, No. 37.

THE plan and estimate for a sub-jail and out-houses to be added to the Sub-Magistrate's Cutcherry at Salur, forwarded with the above letter from the District Engineer, Vizagapatam, are sanctioned. The cost, it is observed, will amount to Rupees 5,785, which is inclusive of that of the ryots' shed, added to the plan in accordance with orders passed in the Financial Department.

G. O., No. 1,234, Financial Department, dated 7th July 1874.

2. Provision for the work will, if practicable, be made in the Budget of 1875-76.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

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

Exd. S. T. Austin.
Spare Copies

Estimate N° 62 of 1873-74

District of Virugapatam Taluq Salur

Abstract Estimate of the probable expense of constructing a Subsidiary Jail and out houses at Salur as proposed by the Subsidiary Jail Committee in their Report N° 146 dated 18th Jun 1868 that accompanied G.O. N° 2312 dated 18th July 1868.

Quantity	Description of work	Rate	Per Item	amount	Total
	I Compound Wall				
31 61/108	Cyds. of concrete work	1 8	Cyd	47 5 6	
108 89/144	Do of Rubble masonry in Chunam	1 12	Do	186 9 3	
9 13/24	Do of Brickwork in Chunam	3	Do	27 11 6	
24.32 5/8	Sqrs. of Plastering with 2 coats of Chunam and white washed	2 5	Sqr	56 4	
	Excavating foundations and filling in			5	
	Knocking down the old compound wall			3	
				325 14 3	
	Contingencies and Superintendence	7 8	cent	24 1 9	
			Total Rs	350	
	II Jail				
33 11/64	Cyd. of concrete work	1 8	Cyd	49 12 10	
202 16/27	Do of Rubble masonry in Chunam	1 12	Do	352 8 7	
3/6	Do of Arch work in Chunam	5	Do	15 13 4	
49.75	Sqrs of Plastering with 2 Coats of Chunam and white washed	2 5	Sqrs	115 9	
12.57	Sqrs. of flooring with asphalte 3/4 inch thick laid over concrete 6 inches deep	30	Do	377 1 7	
22.95	Do of Roofing with salwood rafters reepers, nails, flat and pantiles and Chunam borders	20	Do	459	
98.66	Cft. of Salwood wrought and put up	2	Cft	197 1 7	
			Carried over	350	

2	Wooden pillars with Capitals heads	"	8	each	1	
16	Do Do	"	10	Do	10	
6	Iron barred doors with frames and iron fixtures &c complete (4×7)	50		Do	300	
8	Iron barred ventilators with weather boards &c complete	20		Do	160	
	Levelling the site				6	
	Excavating foundations & filling in				4	
	Contingencies & Superintendence	7	8	Pct	150 9 4	
					2049 6 8	

Total Rs. 2200

III Latrine for Males & Females

13 1/10	Cyds. of concrete work	1	8	Cyd	19 10 4	
49 47/108	Do of Brick in chunam	3		Do	148 4 11	
15.75 3/4	Sqrs. of Plastering with 2 coats of chunam & white washed	2	5	Sqr.	36 7	
2.79	Do of Asphalte 3/4 inch thick laid on tops of basement	24		Do	66 15 4	
3.23	Do of flooring with 3/4 inch thick of asphalte on a bed of concrete 6 inches deep	30		Do	96 11 4	
4.27 1/2	Do of Lining the walls &c	1	8	Do	6 6 7	
5/27	Cyds. of covering stones over openings	20		Cyd	3 11 3	
7.68	Sqrs. of Roofing with flat and pan tiles & chunam borders &c complete	10		Sqr.	76 12 9	
1.52 1/2	Do of honey comb work with tiles in chunam	6		Do	9 2 4	
67.72	C. feet of Salwood wrought & put up	2		Cft.	135 3 1	
	Excavating foundation and filling in				1 8	
	Contingencies & Superintendence	7	8	Pct.	601 11 43 15 1	

Total Rs. 645

Carried over 3195

IV Cook Room

8	Cyds. of concrete work	1	8	Cyd.	12	
41 1/18	Do of Rubble masonry in chunam	1	12	Do	71 13 7	
8.88	Sqrs. of Plastering with 2 Coats of chunam & white washed	2	5	Sqr.	20 8 6	
2 97/216	Cyds. of flooring with 6 inches of Gravel well rammed		9	Cyd.	1 6	
3.78	Sqrs. of Roofing with flat & pan tiles & chunam borders &c complete	10		Sqr.	37 12 9	
34.29	C. feet of Salwood wrought & put up	2		Cft	68 9 3	
1.08	Sqr. of asphalte 3/4 inch thick laid over basement	24		Sqr.	25 14 8	
	Excavating foundations & filling in				1 4	
	Contingencies & Superintendence	7	8	Pct	239 4 9 20 11 3	

Total Rs. 260

V Public Latrine.

18 13/18	Cyd. of concrete work	1	8	Cyd.	28 1 4	
95 61/108	Do of Brick in chunam	3		Do	286 11 1	
20.07 1/4	Sqrs. of Plastering with 2 Coats of chunam and white washed	2	5	Sqr.	46 6 8	
1.78 1/4	Do of Lining Cisterns &c	1	8	Do	2 10 9	
5.91 1/2	Do of Asphalte 3/4 inch thick laid over basement &c	24		Do	141 15 4	
1.03	Do of flooring with asphalte 3/4 inch thick on a bed of concrete 6 deep	30		Do	30 14 4	
9.76	Do of Roofing with flat & pan tiles chunam borders &c complete	10		Do	97 9 7	
89.36	C. feet of Salwood wrought & put up	2		Cft.	178 11 6	
	Excavating foundation & filling in				5	
	Contingencies and Superintendence	7	8	P.ct.	818 7 61 15 5	

Total Rs. 880

Carried Over 4335

VI Well

5 7/12	Cyds of Earth work for the 1st Yard in depth	1	Cyd	0	5 7
5 7/12	Do of Do 2 Do	2	6 Do	0	13 11
5 7/12	Do of Do 3 Do	4	0 Do	1	6 4
5 7/12	Do of Do 4 Do	5	6 Do	1	14 8
5 7/12	Do of Do 5 Do	7	0 Do	2	7 1
5 7/12	Do of Do 6 Do	8	6 Do	2	15 5
5 7/12	Do of Do 7 Do	10	0 Do	3	7 10
5 7/12	Do of Do 8 Do	11	6 Do	4	0 2
5 7/12	Do of Do 9 Do	13	0 Do	4	8 7
5 7/12	Do of Do 10 Do	14	6 Do	5	0 11
5 7/12	Do of Do 11 Do	1	0 Do	5	9 4
5 7/12	Do of Do 12 Do	1	1 6 Do	6	1 8
5 7/12	Do of Do 13 Do	1	3 0 Do	6	10 1
5 7/12	Do of Do 14 Do	1	4 6 Do	7	2 5
5 7/12	Do of Do 15 Do	1	6 0 Do	7	10 10
5 7/12	Do of Do 16 Do	1	7 6 Do	8	3 2
5 7/12	Do of Do 17 Do	1	9 Do	8	11 7
5 7/12	Do of Do 18 Do	1	10 6 Do	9	3 11
5 7/12	Do of Do 19 Do	1	12 Do	9	12 4
5 7/12	Do of Do 20 Do	1	13 6 Do	10	4 8
				100	6 6
3 7/27	Cyds of Brick steining one foot thick with chunam & concrete	3	3 0 Do	10	6 2
1 17/27	Do of brick steining one foot thick with clay	2	3 0 Do	3	9 0
1 17/27	Do of Do Do with chunam & concrete	3	5 8 Do	5	7 5
1 17/27	Do of Do with clay	2	5 8 Do	3	13 4
1 17/27	Do of Do with chunam & concrete	3	8 4 Do	5	11 9
1 17/27	Do of Do with clay	2	8 4 Do	4	1 8
1 17/27	Do of Do with chunam & concrete	3	11 0 Do	6	0 1
1 17/27	Do of Do with clay	2	11 0 Do	4	6 0
1 17/27	Do of Do with chunam & concrete	3	13 8 Do	6	4 5
1 17/27	Do of Do with clay	2	13 8 Do	4	10 6
1 17/27	Do of Do with chunam & concrete	4	4 0 Do	6	8 10
1 17/27	Do of Do with clay	3	4 0 Do	4	14 9
1 17/27	Do of Do with chunam	4	3 0 Do	6	13 2

Carried Over 4335 - -

1 17/27	Cyds of brick steining one foot thick with clay	3	3 Cyd	5	3 1
1 17/27	Do of Do Do with chunam	4	5 8 Do	7	1 6
1 17/27	Do of Do Do with clay	3	5 8 Do	6	7 5
1 17/27	Do of Do Do with chunam	4	8 4 Do	7	5 10
1 17/27	Do of Do Do with clay	3	8 4 Do	5	11 9
1 17/27	Do of Do Do with chunam	4	11 0 Do	7	10 2
1 17/27	Do of Do Do with clay	3	11 0 Do	6	0 1
1 17/27	Do of Do Do with chunam	4	13 0 Do	7	14 5
1 17/27	Do of Do Do with clay	3	13 8 Do	6	4 5
1 17/27	Do of Do Do with chunam	5	0 4 Do	8	2 11
1 17/27	Do of Do Do with clay	4	0 4 Do	6	8 10
1 17/27	Do of Do Do with chunam	5	3 0 Do	8	7 3
1 17/27	Do of Do Do with clay	4	3 0 Do	6	13 2
1 17/27	Do of Do Do with chunam	5	5 8 Do	8	11 7
1 17/27	Do of Do Do with clay	4	5 8 Do	7	1 6
1 17/27	Do of Do Do with chunam	5	8 4 Do	8	15 11
				292	9 4
2 13/36	Do of Cutstone parapet above surface of ground	15	0 0 Do	35	6 8
1.76	Sq.fs. of Cutstone sloping annular pavement round the well	11	0 0 Sqr.	19	5 9
30	R.feet of V shaped cutstone surface drain	0	8 0 Rft	15	0 0
4 8/9	Cyds of concrete work under the pavement	1	12 0 Cyd.	8	8 10
				370	14 7
	Contingencies and Superintendence 5%			Pct.	7 4 15
				Total Rs.	445 - -

VII Ryots Shed

2	Cyds. of concrete work	1	8 0	cyd	3 0 0
13 8/9	Do of Rubble masonry in Chunam	1	12 0	D	24 4 10
4.15	Sqrs. of Plastering with 2 Coats of Chunam	2	4 0	D	9 5 4
5.80½	Do of roofing with palmyrah wood rafters flat & pan tiles & Chunam Corders &c complete	14	8 0	D	84 2 9
55.68	C.feet of country wood wrought & put up	1	8 0	cft	83 8 3
12	Wooden pillars 9½ feet long	1	4 0	each	15 0 0
4	Do 11¾ Do	1	8 0	Do	6 0 0
	Excavating foundation & filling in				2 0 0
					227 5 2
	Contingencies and Superintendence 7½			Pct.	17 10 10
				Total Rs	245 0 0

Carried Over 5025 - -

B.O. 5225.

VIII

Compensation for Land & Houses &c. . . . . 625.

Grand Total Rupees 5650.

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

Executive Engineers Office
Vizianagram
7th November 1873

(Signed) J.W. Hindle Captain
Executive Engineer

Endd T.S.

J.W. Hindle Captain
Offg. District Engineer
Vizagapatam

J.W. Hindle Captain
Offg. District Engineer
Vizagapatam

51

ation to accompany Plan and Estimat
a Subsidiary Jail at Salur.

Plg. 730 Nov 1/74
Gen B No 511

P.W. 5453/74

Revised Abstract Estimate
for constructing a Subsidiary
Jail and out houses at Salur.

Estimate Rs. 5650

Specification to accompany Plan and Estimate for constructing a Subsidiary Jail at Salur.

Amount of Estimate 5550

The Subsidiary Jail is to be built on the east side of the adjoining Sub Magistrates Cutcherry as shown in the Plan. It is to contain 2 large wards 16×15 feet and 2 small wards 8×15 feet with a front Verandah and a passage to connect it with the Sub Magistrates Cutcherry.

Rubble masonry

The foundations, and Superstructure, of the Jail, Cook house, and compound wall are to be of rough stone in chunam.

Brick work

The foundations and superstructure of both latrines are to be built of brick in chunam.

Concrete work

Concrete below the foundations of all the buildings, is to be one foot thick and project 6 inches on either side of the foundations.

Brick arch work

The doors and ventilators, are to have flat arches.

Tarring and Plastering

Screen walls dividing seats, back of seat walls water, and urinal Cisterns, dry earth store, and plat form of latrine, are to be tarred, all the remaining walls to Latrine, Jail &c. are to be plastered and white washed with 2 Coats of Chunam.

Asphalte floor

The floor of the Subsidiary Jail, passage, and Latrine trenches are to be asphalted 3/4" thick laid over stone jelly with a levelling course of concrete (fine stone) in all 6 inches. Floor of Cook

Cook room to be 6" thick of gravel well rammed.

The whole of the buildings are to be covered with tiling on salwood rafters, reepers, nails, flat and pantiles resting on salwood purlins and ridge beams. The roof of the Ryots shed is to be covered with tiling on Palmyrah wood rafters, country wood reepers, nails flat and pantiles and Chunam borders &c complete.

Roofing

The doors and ventilators are to be fitted with iron bars and frames with Locks and hinges &c complete.

Doors and ventilators with weather boards

Well.

The excavation to be eight feet in diameter and first carried down to a depth of four feet when the steining will be commenced.

Earth work for a well of 6 feet interior diameter

The brick work will be built up two feet all round at a time filled in behind with concrete well rammed, course by course and allowed to set.

After the four feet of brick and concrete steining has well set a second excavation of the same diameter as the former one, eight feet, and four feet deep, will be made below it and the steining added below that already executed every alternate ring of steining 2 feet in thickness to be of brick in Chunam and the other bricks in clay.

In this manner the work will be carried down by depths of four feet at a time, as the water level falls during the dry season until the greatest depth has been attained probably about the end of the month of May.

The earth will be raised by a windlass & removed to some convenient spots selected for it.

Should a stratum of loose soil be met with the steining will be suspended from the top until firm soil is again met with.

Steining

To be of the best brick 9 inches thick and the bricks to be specially moulded for it. The chunam used in the brick work to be one part of lime to one of sand. The concrete work to be composed of one part broken brick two parts broken stone, two parts coarse sand and one part of kunker lime well rammed.

Parapet

To be of dressed stone laid in Chunam four feet in height from the level of the surface of the ground, and 9 inches thick.

Annular pavement

There will be a counterslopeing annular pavement round the well, four feet wide, one foot above the ground at its inner edge and six inches at the outer edge draining into a cut stone V shaped drain all round; the drainage water being carried off to a distance of 30 feet in a similar cutstone V shaped drain. The stone work of the annular pavement to be 3 to 4 inches thick and laid on six inches of concrete well rammed.

Interior diameter of the well

The interior diameter of the well when complete, will be six feet.

Executive Engineers Office
Vizianagram
7th November 1873

I/c of J. W. Kindle Captain
Ex: Engineer

M M Kindle Captain
Offg. Asst Engineer Vizianagram

Exd. T.T.

Cook

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Estimate Rs 5550

Specification to accompany Plan and Estimate for Buttressing a Wall in Jail at Salur

Offg. Dy Genl Mr's Office
Dy 30 March 1874
No 511
Dr Sq 453/74
2

General Abstract of the Estimate for Improvements at the Sub Magistrates Cutcherry and Sub-Jail of Salur

No.	Names of Works	Amount of estimate
I	Compound Wall	350
II	Jail	2,200
III	Latrine for males and females	645
IV	Cook room	260
V	Public Latrine	880
VI	Well	445
VII	Ryots shed	245
VIII	Compensation for Land	625
	Total Rupees	5650

Estd Rs

W B Ruddle Captain
Offg. District Engineer Vizagapatam

turn

Rd. 8th Oct. 1874.

Rd. 30 Nov. 1874.

Ans. 13 Nov. 1874.

P.W. 5453/74.

9

NO. 1005

Vizagapatam District Engineer's Office

Waltair 22nd August 1874

From

Captain J.W. Pindle

Offg. DISTRICT ENGINEER

VIZAGAPATAM.

To

Colonel G.W. Walker R.E.

Secretary to Government P.W.D.

Madras.

Sir,

With reference to G.O. No. 177 of 21st July 1874, I have the honor to resubmit here-

Rs. 5650-- *-with the Estimate* * *and Plan for constructing a Subsidiary Jail and out Houses at Salur Sub Magistrate's Cutcherry, in which a pyoti shed at a cost of Rs. 245 has now been provided as ordered in G.O. Judicial Department No. 1234 of 7th July 1871, and to request you will be good enough to obtain the sanction of Go-vernment for the same.*

I have the honor to be

Sir

Your most obdt. Servant.

J W Pindle Captain

Offg. District Engr. Vizagapatam

Compd. D.T.

turn over

No 1189

District Engineers Office
Waltair 19th September 1874

From

Captain J. W. Hindle
offg. District Engineer
Vizagapatam

To

Colonel G. W. Walker R.E.
Chief Engineer P.W.D.
Madras.

Sir,

With reference to your Memo No 683 of 3d instant, returning the Plan of the Sub Jail at Salur for correction, as regards the Ryots' shed, I have the honor to inform you that the shed in question cannot be enlarged in accordance with the Standard Plan* alluded to, unless the existing compound wall of the Cutcherry can be removed; if this alteration be sanctioned, the estimate already submitted will have to be increased by about Rs. 200; also the gate way will have to be removed to one side.

* which is for Taluq Cutcherries not sub jails

2. As the number of Ryots attending the Sub Magistrates Cutcherry is much less than those appearing at the Taluq Cutcherries, I presume that the Ryots' shed provided in my plan will answer

the purpose

for

Rd 22 Sept 1874
Recd 818
No 1005

Rd 19 Oct 1874
No 5453.
From Offg Dist Engineer
Vizagapatam
To
The Chief Engineer
Madras.

Submitting for sanction the Estimate and Plan for constructing a Tahsildary Court and Quarters at Salur and Collectorate Cutcherry.
G.O. No. 938 dt. 30-11-74

Rd 16 Oct 31 Dec 1874

answer

3

resubmi

orders.

P. W. 1874 Depart.
From The Asst. Dist. Engineer
No. 6058.

To
The Offg. Dist Engineer
Viragapatam

&
The Chief Engineer & Ch. S
Madras

Dated 19th September 1874
Recd. 28th September 1874

No. 1189.

Resubmitting the Plan of Salur Sub Jail for further Orders.

No. 572

Recd. 2nd Oct.

E. O. No. 3362. 30-11-74.

Recd 1-10-74 28 Sept 74

Specification to accompany Plan and Estimate for Constructing Subsidiary Jail at Salur

Amount of Estimate Rs. 5785.

The Subsidiary Jail is to be built on the east side of the adjoining Sub Magistrates Cutcherry as shown in the Plan. It is to contain 2 large wards 16x15 feet and 2 small wards 8x15 feet with a front verandah and a passage to connect it with the Sub Magistrates Cutcherry.

Rubble Masonry. The foundations and superstructure of the Jail, Cook house &, and compound wall, and the foundations of the Ryots shed are to be of Rough Stone in Chunam.

Brick Work. The foundations and superstructure of both Latrines and all pillars of the Ryots shed are to be built of brick in Chunam.

Concrete Work. Concrete below the foundations of all the buildings, is to be 1 foot thick and project 6 inches on either side of the foundations.

Brick arch Work. Of The doors and ventilators, are to be flat arches.

Tarring & Plastering Screen walls dividing seats, back of seat walls, water and urinal Cisterns, dry earth stores and plat form of latrine, are to be tarred, all the remaining walls to Latrine, Jail &c are to be plastered and white washed with 2 Coats of

tar

of Chunam.

The floors of the Subsidiary Jail, passage and Latrine trenches, are to be asphalted ½ inch thick, laid over stone jelly with a levelling Course of Concrete (fine stone) in all 6 inches. Floor of Cook room to be 6 inches thick of gravel well rammed. Floor of Ryots Shed is to be of brick on edge, and levelling course below with 2 coats of plastering surface. — Asphalte floor.

The whole of the buildings are to be covered with tiling on Sailwood rafters, reepers, nails flat and pan tiles resting on Sailwood purlins, and ridge beams. — Roofing

The roof of the Ryots Shed is to be covered with tiling on Palmyra wood rafters, Country wood reepers, nails flat and pantiles and Chunam borders &c. Complete.

The doors and ventilators are to be fitted with iron bars, and frames with locks and hinges &c. Complete. — Doors & Ventilators with weather boards.

Well.

The excavation to be eight feet in diameter and first carried down to a depth of 4 feet, when the steining will be commenced. — Earth work for a well of 6 feet interior diameter.

The brick work will be built up two feet all round at a time, filled in behind with Concrete well rammed, course by course and allowed to set.

After

Vizagapatam District.

P.W. 6730 2nd/74
Dr B.T. 5/13.

Specification to accompany Plan and Estimate for Constructing Subsidiary Jail at Salur.

P. W. 6848/74
3

Amount of Estimate Rs 5785.

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After the four feet of brick and Concrete steining has well set, a second excavation of the same diameter as the former one, eight feet, and four feet deep will be made below it, and the steining added below that already executed every alternate ring of steining 2 feet in thickness to be of brick in Chunam, and the other brick in clay.

In this manner the work will be carried down by depths of four feet at a time, as the water level falls during the dry season, until the greatest depth has been attained probably about the end of the month of May.

The earth will be raised by a windlass and removed to some convenient spots selected for it.

Should a stratum of loose soil be met with, the steining will be suspended from the top, until firm soil is again met with.

Steining.

To be of the best brick 9 inches thick, and the bricks to be specially moulded for the purpose.

The Chunam used in the brick work to be one part of lime to one of sand. The Concrete work to be Composed of one part broken bricks, two parts broken stone, two parts coarse sand, and one part of Kunker lime well rammed.

Parapet

To be of dressed stone laid in Chunam four

four feet in height from the level of the surface of the ground, and 9 inches thick.

Annular pavement

There will be a counterslopping annular pavement round the well, four feet wide, one foot above the ground at its inner edge, and six inches at the outer edge, draining into a cutstone V shaped drain all round; the drainage water being carried off to a distance of 30 feet in a similar cutstone V shaped drain. The stone work of the annular pavement to be 3 to 4 inches thick and laid on six inches of Concrete well rammed.

Interior diameter of the well

The interior diameter of the well, when complete, will be six feet.

District Engineer's Office Wallair
the 20th October 1874

M N Rindle Captain
Offg District Engineer
Vizagapatam

Comp'd 77

Estimate No 62 of 1873-74

District of Vizagapatam - Taluq Salur

Revised Abstract Estimate of the probable expense of Constructing a Subsidiary Jail and out houses at Salur as proposed by the Subsidiary Jail Committee in their report No 140, dated 18th June 1868 that accompanied G.O. No 2312, dated 18th July 1868.

Number & Quantity	Description of work	Rate	Per Item	Amount	Total
	I Compound wall.				
31 61/108	Cyds of Concrete work	1 8	Cyd	47	56
106 89/144	do of Rubble Masonry in Chunam	1 12	do	186	96
9 13/54	do of Brick work in Chunam	3 -	do	27	6
24.32 5/8	Sqrs of Plastering with 2 Coats of Chunam and white washed	2 5	Sqr	56	4
	Excavating foundations and filling			8	
	Knocking down the old Compound wall			3	
				325	143
	Contingencies and Superintendence	7 8	Cent	24	19
	Total Rupees				350
	II Jail.				
33 11/54	Cyds of Concrete work	1 8	Cyd	49	120
202 16/27	do of Rubble masonry in Chunam	1 12	do	354	87
3 1/6	do of Arch work in Chunam	5 -	do	15	134
49.75	Sqrs of Plastering with 2 Coats of Chunam and white washed	2 5	Sqr	115	09
12.57	Do of flooring with asphalte 3/4 inch thick laid over concrete 6 inches deep	30	Do	377	17
22.95	Do of Roofing with Saulwood rafters, sleepers, nails, flat and pantiles & Chunam borders	20	Do	459	

98.55	Cft of Saulwood wrought and putup	2	-	Cft	197	1	7	
2	Wooden pillars with Capital heads	-	8	each	1	-	-	
16	Do Do	-	10	do	10	-	-	
6	Iron barred doors with frames and iron fixtures &c Complete (4x7)	50	-	do	300	-	-	
8	Iron barred Ventilators with weather boards &c Complete	20	-	do	160	-	-	
	Levelling the site	-	-	-	6	-	-	
	Excavating foundations & filling in	-	-	-	4	-	-	
					2049	6	8	
	Contingencies & Superintendence	7	8	cent	150	9	4	
	Total Rupees							2200

III Latrine for males and females

13 1/10	Cyds of Concrete work	1	8	Cyd	19	10	4	
49 47/108	Do of Brick in Chunam	3	-	Do	148	4	11	
15.75 3/4	Sqrs of plastering with 2 coats of Chunam and white washed	2	5	Sqr	36	7	-	
2.79	Sqrs of asphalte 3/4 inch thick Laid on tops of basement	24	-	Do	66	15	4	
3.23	Sqrs of flooring with 3/4 inch thick of asphalte on a bed Concrete 6 inches deep	30	-	Do	96	14	4	
4.27 1/2	Sqrs of tarring the walls &c	1	8	Do	6	6	7	
5/27	Cyd of Covering stones over openings	20	-	Cyd	3	11	3	
7.68	Sqrs of roofing with flat and pan tiles and Chunam borders &c Complete	10	-	Sqr	76	12	9	
1.52 1/2	Sqr of honey Comb work with tiles in Chunam	6	-	Do	9	2	4	
67.72	Cft of Saulwood wrought & put up	2	-	Cft	135	3	1	
	Excavating foundation and filling in				1	8	-	
	Contingencies and Superintendence	7	8	cent	601	0	11	
	Total Rupees				43	15	1	
								645

IV Cook Room

8	Cyds of Concrete work	1	8	Cyd	12	-	-	
41 1/18	Do of Rubble masonry in Chunam	1	12	Do	71	13	7	
8.88	Sqrs of plastering with 2 coats of Chunam and white washed	2	5	Sqr	20	8	4	
227/216	Cyds of flooring with 6 inches of Gravel well rammed	0	8	Cyd	1	6	-	
3.78	Sqrs of roofing with flat and pan tiles and Chunam borders &c Complete	10	-	Sqr	37	12	9	
34.29	Cft of Saulwood wrought & put up	2	-	Cft	68	9	3	
1.08	Sqrs of Asphalte 3/4 inch thick laid over basement	24	-	Sqr	25	14	8	
	Excavating foundations and filling in				1	4	-	
					239	4	9	
	Contingencies and Superintendence	10	-	cent	20	11	3	
	Total Rupees							260

V Public Latrine

18 13/18	Cyds of Concrete work	1	8	Cyd	28	7	4	
95 61/108	Do of Brick in Chunam	3	-	Do	286	11	1	
20.07 1/4	Sqrs of plastering with 2 coats of Chunam and white washed	2	5	Sqr	46	6	8	
1.78 1/4	Sqrs of tarring Cistern &c	1	8	Do	2	10	9	
5.91 1/2	Do of Asphalte 3/4 inch thick laid over basement &c	24	-	Do	141	15	4	
1.03	Sqrs of flooring with asphalte 3/4 inch thick on a bed of Concrete 6 inches deep	30	-	Do	30	14	4	
7.76	Sqrs of Roofing with flat and pan tiles Chunam borders &c Complete	10	-	Do	77	9	7	
89.36	Cft of Saulwood and put up	2	-	Cft	178	11	6	
	Excavating foundations and filling in				5	-	-	
					818	-	7	

							818	7
	Contingencies and Superintendence	7	8	cut			61	15 5
	Total Rupees							880

VI Well

5 7/12	Cyds of Earthwork for the 1st yard in depth		1	Cyd				5 7
5 7/12	Do of Do 2d do do		2	6	Do			13 11
5 7/12	Do of Do 3d do do		4		Do		1	6 4
5 7/12	Do of Do 4" do do		5	6	Do		1	14 8
5 7/12	Do of Do 5" do do		7		Do		2	7 1
5 7/12	Do of Do 6" do do		8	6	Do		2	15 5
5 7/12	Do of Do 7" do do		10		Do		3	7 10
5 7/12	Do of Do 8" do do		11	6	Do		4	2
5 7/12	Do of Do 9" do do		13		Do		4	8 7
5 7/12	Do of Do 10" do do		14	6	Do		5	11
5 11/12	Do of Do 11" do do		1		Do		5	9 4
5 7/12	Do of Do 12" do do		1	1 6	Do		6	18
5 7/12	Do of Do 13" do do		1	3	Do		6	10 1
5 7/12	Do of Do 14 do do		1	4 6	Do		7	2 5
5 7/12	Do of Do 15" do do		1	6	Do		7	10 10
5 7/12	Do of Do 16" do do		1	7 6	Do		8	3 2
5 7/12	Do of Do 17" do do		1	9	Do		8	11 7
5 7/12	Do of Do 18" do do		1	10 6	Do		9	3 11
5 7/12	Do of Do 19" do do		1	12	Do		9	12 4
5 7/12	Do of Do 20 do do		1	13 6	Do		10	4 8
							106	6 6
3 7/27	Cyds of Brick steining one foot thick with chinam and Concrete		3	3	Cyd		10	6 2
1 17/27	Do of Brick steining 1 foot thick with clay		2	3	Do		3	9
1 17/27	Do of Brick steining one foot thick with chinam and Concrete		3	5 8	Do		5	7 5
1 17/27	Do Do with clay		2	5 8	Do		3	13 4
1 17/27	Cyds of Brick steining one foot with chinam and Concrete		3	8 4	Cyd		5	11 9
1 17/27	Do Do with clay		2	8 4	do		4	1 8
1 17/27	Do Do with chinam and Concrete		3	11	do		6	0 1
1 17/27	Do Do with clay		2	11	do		4	6
1 17/27	Do Do with chinam and Concrete		3	13 8	do		6	2 5
1 17/27	Do Do with clay		2	13 8	do		4	10 5
1 17/27	Do Do with chinam		4	0 4	do		6	8 10
1 17/27	Do Do with clay		3	0 4	do		4	14 9
1 17/27	Do Do with chinam		4	3	do		6	13 2
1 17/27	Do Do with clay		3	3	do		5	3 5
1 17/27	Do Do with chinam		4	5 8	do		7	1 6
1 17/27	Do Do with clay		3	5 8	do		5	7 5
1 17/27	Do Do with chinam		4	8 4	do		7	5 10
1 17/27	Do Do with clay		3	8 4	do		5	11 9
1 17/27	Do Do with chinam		4	11	do		7	10 2
1 17/27	Do Do with clay		3	11	do		6	0 1
1 17/27	Do Do with chinam		4	13 8	do		7	4 5
1 17/27	Do Do with clay		3	13 8	do		6	4 5
1 17/27	Do Do Brick with chinam		5	0 4	do		8	2 11
1 17/27	Do Do with clay		4	0 4	do		6	8 10
1 17/27	Do Do with chinam		5	3	do		8	7 3
1 17/27	Do Do with clay		4	3	do		6	13 2
1 17/27	Do Do with chinam		5	5 8	do		8	11 7
1 17/27	Do Do with clay		4	5 8	do		7	1 6
1 17/27	Do Do with chinam		5	8 4	do		8	15 11
13/36	Cyds of Cut Stone parapet above surface of ground		15		do		35	6 8

1.76	Sq.ft of Cut stone sloping annular pavement round the well	11	Sq.ft	19	5	9
30	Rft of V shaped cut stone surface drain	8	Rft	15		
4 8/9	Cyd of Concrete work under the pavement	1 12	Cyds	8	8	10
				370	14	7
	Contingencies & Superintendence	20	p.c	74	1	5
	Total Rupees					445
	VII. Ryots Shed					
4 29/64	Cyds of Concrete work below foundation	1 8	Cyd	6	12	10
6	Do Rubble Masonry in Chunam	1 12	do	10	8	
11 1/5	Do Brick work in Chunam for pillars	3	do	13	9	7
15.14	Sqrs of Plastering with 2 coats of Chunam Drawn and white washing	24	Sq.ft	34	1	
3.17 1/4	Do of flooring with brick on edge	9	do	28	8	1
10.58	Do of Honey Comb work	64	do	66	2	
7.20	Do of Roofing with palmyra wood rafters, flat and pan tiles, and Chunam borders &c Complete	14 8	do	104	6	4
44.33	Cft of Country wood wrought and put up	1 8	Cft	66	7	1
	Excavating foundation and filling in			2		
				352	6	11
	Sundries & Superintendence	7 8	Cent	27	9	1
	Total Rupees					380
	VIII. Compensation for land and houses &c					625
	Grand Total Rupees					5785

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

District Engineer's office
Valtair
20th October 1874

M Melville Captain
Offg District Engineer, Vizagapatam

Compd (ok)

Nº 1392

District Engineer's Office
Waltair 20th October 1874

From

Captain J. W. Hindle
Offg. District Engineer
Vizagapatam

To

Colonel G. W. Walker R.E.
Chief Engineer P.W.D.
Madras

Sir,

As directed in your Memo Nº 759 of 2d October 1874, I have the honor to resubmit the Plan and Estimate* of the Sub Jail at Salur duly revised as regards the Ryots' Shed.

*Rs. 5785-----

I have the honor to be
Sir
Your most Obdt. Servt.
J W Hindle Captain
Offg. Dist. Engr. Vizagapatam

Vizagapatam District

P.W.D. 30 Aug 1874
Revised Abstract
Estimate of the Probable expense of Constructing a Subdivisional Jail and out Houses at Salur.

P.W.D 8448/74
2
Estimate Rupees 5785.

P. W. 1874 Departt.
Proc: Ft. St. Geo. Dt. Nov
No. 6848.
From
The Offg. District Engineer
Vizagapatam

To
The Chief Engineer P.W.D.
Madras.

Dated 20th October 1874
Recd. 2nd November 1874.

No. 1392
Enc: 3.

Resubmitting the Plan and Estimate of the Sub Jail at Salur.

G.O. No: 3363. 30-11-74.

No. 913
2-11-74

Financial Department.

Provision for the work will if practicable be made in the Budget of 1875-76.

Asst Secy

1058 53 68 54 7 4 0

To Asst. Engr. Vizagapatam

Encl. 7

G. O. 30 Nov. No. 3363

Nos. 511-514.

Sub Jail and Out-houses to be added to the Sub Magistrates Cutcherry at Salur—Vizagapatam Dt.— Plan and Estimate for the Building, and provision for the work to be made if practicable in the Budget of 1875/76

511-514.

D.E. Vizagapatam
Controller
Judicial Dept
Dept. 1/12/74.