1. Number of pieces. 3
2. Date of repair. 6-8
3. Initials of Repairer.
M.R.O. 1—82,409—22-11-30.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Con. 29.8.57.

G.O. No. 1817 Press Mis.

1718

Dated 24 — 9 — 1857

Not to be folded or roughly handled

No. 17. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 19th September 1857, No. 3794.

SIR,

With reference to Extracts Minutes Consultation Nos. 1934, and 547 dated respectively 21st October 1856, and 25th March 1857, I have the honor to submit revised Plans and estimate, for the proposed Central Prison at the Red Hills, prepared as directed, in communication with the Inspector of Prisons.

2. The comparative statement marked A, exhibits the reductions that have been made from the original estimate, of Rupees (4,77,600) four lacs, seventy-seven thousand, and six hundred; the amount of the revised estimate being Rupees (2,60,400) two lacs, sixty thousand and four hundred, comprising the items shown in the accompanying abstract.

3. The order of the buildings is that described in Appendix B, of the report of the Inspector of Prisons, to the close of the official year 1855-56, the Cells being arranged in segments of circles, having a common centre.

4. A circular two storied building, for the Warders on guard, is placed in the middle of the enclosure.

5. The Chief Warder's and Apothecary's rooms are placed at the entrance gate, with ranges on either side for the Hospital, Store, Receiving rooms &c.

6. Houses for five other Warders are placed round the Prison enclosure.

7. The three inner segments of the Prison, are to contain each 84 Cells; and the three outer segments each 96, or altogether 540 cells. The Cells are to be 12 feet long, by 8½ feet average breadth.

8. The buildings are to be raised on basements, 2 feet in height above foundation, which are to be sunk 4 feet. The lower Cells are to be 9'-7," and the upper 9'-6" high; an open verandah 7 feet broad, and raised 6 inches above the ground, will run the length of the buildings on the inner side, both above and below.

9. The circular guard building is to be 24 feet in diameter, raised on a basement 2 feet in height above foundations, which are to be sunk 3' 6." The lower story is to be 14 feet, and the upper 11 feet high, the former being surrounded by an open verandah, 8 feet broad.

10. The two Hospital &c. ranges are each to contain 21 Cells, 12 feet long, by 9 feet broad, and 14 feet high; with an enclosure for privies at the end. The Chief Warder's and Apothecary's Quarters are to have 3 rooms.

11. These ranges are to be raised on a basement 2 feet in height above foundations, which are to be sunk 3 feet, and an open verandah 8 feet broad, will extend along the rooms on the inner side.

12. The Warder's houses are to contain 3 rooms each, 14 feet long by 11 feet broad, and 12 feet high, with an open verandah at one end, they are also to be raised on a basement 2 feet in height above foundations, to be sunk 3 feet.

13. The boundary wall is to be 14 feet high.

14. All the buildings are to be terraced, and built with brick in chunam, as being cheaper than laterite.

15. The data on which the estimate has been framed, have been carefully considered, and I beg to recommend the revised plan for the favorable consideration of Government.

No. 18. ORDER THEREON, No. 1817; dated 24th September 1857.

Ordered to be communicated to the Judicial Department.

(Signed) H. FORBES,
Acting Secretary to Government.

No. 3794.

From,

The Chief Engineer D.P.W.

To,

The Secretary to Government

P.W.D.

Judicial Prisons.

Sir,

1. With reference to Extracts Minutes Cons: No. 1934, and 547, dated respectively 21st October 1856, and 25th March 1857, I have the honor to submit revised Plans and Estimates, for the proposed Central Prison at the Red Hills, prepared as directed, in communication with the Inspector of Prisons.

2. The comparative Statement marked A exhibits the reductions that have been made from the original Estimate of Rs. (4,77,600) four lacs seventy seven thousand, and six hundred, the amount of the revised Estimate being Rupees (2,60,400) two lacs, sixty thousands and four hundred, Comprising the items shewn in the accompanying abstract.

3. The order of the buildings is that described in appendix B, of the Report of the Inspector of Prisons to the close of the official year 1855/56, the cells being arranged in segments of Circles, having a common centre.

A

Comparative Statement of Shewing the difference between Original and Revised Estimates for Constructing the Red Hill Jail in the District of Chingleput

No. of Similars	Particulars	Amount of Original Estimate	Amount of Revised Estimate
	Cells	283050	193800 .. ..
	Circular Guard Rooms	5700	2630 .. ..
2	Ranges Hospital	58600	16800 .. ..
2	Houses for Chief Warders	26000	4460 .. ..
5	Warders Houses	46500	7250 .. ..
2	Warders on duty	11900	.. .. ..
	Compound Walls	39760	20800 .. ..
	Iron railings	6090	1820 .. ..
	Superintendance and Contingencies	.. .. ..	12840 .. ..
	C. Rupees	477600	260400 .. ..

Central Office of P.W.
Fort Saint George.
19th September 1857.

W. Scott Colonel
Chief Engineer D.P.W.

Enclosure No. 1 to
Letter dated 19th Sept 1857

Estimate.

Original estimate amounted to Rupees 477600
Revised estimate amounted to Rupees 260400
Saving on the Revised estimate Rupees 217200

Received from Lieut Colonel Scott Chief Engineer D.P.W. Rupees Two Lacks Sixty Thousand Four Hundred only.

Fort Saint George
19th September 1857

Lieut Colonel
Chief Engineer D.P.W.

Rupees 260400

Central Office of P.W.
Fort Saint George
19th September 1857

Received Payment

Inclosure in a letter from the
Chief Engineer
To the Secretary to Govern.t of N.S.W.

Date
Received } September 55

No. 57/54
2335
Nov. 55

Comparative Statement
shewing the difference between
Original and Revised Estimate
for constructing the Port Essington
Jail in the District of
Champion Bay

N.57. D.
Dec 1855

Buildings) (New Work)

Abstract of Estimate № of 185 /5

District Chingleput

Work Constructing a Jail at Red Hills

Quantities	Description of Work	Rates Rs	As	P	Amount Rupees.	Amount of each part Rupees.
6 Yds	Cells					
	Lower Story					
43749	Cft. Brick work in chunam 7Cft.	"	1	9	4785	
	43 Columns Each	7	11	3	331	
1050	Cft. Flat arch work in chunam 7Cft.	"	2	8	175	
8857	Sqft. Terracing with brick on edge fully 1 Course of flat tiles and plastering with 3 coats chunam to the ceilings 7Sqft.	12	8	4	1109	
29000	Do. Plastering with 2 Coats chunam Do.	2	"	"	580	
6500	Do. Flooring with 8 inch Sqr. bricks in chunam and a levelling course of wall bricks underneath Do.	5	10	"	366	
	Excavating the foundation and filling and levelling the basement	"	"	"	90	
	Erecting 2 masonry Steps including arch work and plastering &ca complete as per Plan	"	"	"	175	
407	Cft. Cut stone in chunam 7Cft.	"	12	"	305	
1006	Do. Teakwood wrought and put up Do.	2	6	5	2415	
372	Rft. Teakwood ornamented Cave boards including paint and fixing with Nails &ca 7Rft.	"	3	"	70	
					Carried Over	10401

The charges in drawing from nature &c

Should be debited to Civil Engineering under the head Establishment and the whole of the work must be debited to

Quantities	Description of Work.	Rates Rs	as	p	Amount Rupees	Amount of each part Rupees
6 Flats	Brought Over				10161	
12	Iron doors including frame & Sill complete ——— Each	75	-	-	3276	
12	Iron Cribbed windows Do	9	-	-	375	
12	Iron Gratings complete to the water course ——— Do	1	-	-	52	
12	Iron Double bolt Iron Doubleleaf with keys complete ——— Do	1	-	-	102	
12	Sliding bank complete Do	10	-	-	120	
3000	ft Plate frame 3 Coats to the beams and Seats Do ft	2	11	3	216	1515
	Upper Story					
1355	Cft Brickwork in chunam Do	-	1	10	2126	
787	Do Flat Arch work in chunam Do	-	2	8	131	
	63 Columns ——— Each	7	5	-	314	
9950	Sqre ft Terracing with bricks on edge Tiles 3 Course of flat tiles and plastering with 3 Coats chunam Do	15	5	-	1547	
3130	ft Plastering with 2 Coats chunam ——— Do	2	-	-	126	
655	ft Steps and Sqre brickes in Chunam ——— Do	4	6	-	257	
787	ft Pilasters with Course of flat tiles and plastering with 3 Coats chunam to the ends of the upper floor Do	5	-	-	39	
	Carried Over				5310	16515

Memo:

12 Iron doors at Rs 98 The plan of such doors is appended to my report & it is there proposed to place the diagonals to resist deflexion, the door being hung on hinges; if hung on centres, as proposed for the Central Prison, the diagonals would be, as in the accompanying sketch, lost in consideration. I think they may be altogether dispensed with the shoulders of the tennons being formed true.

The Estimate will then be as follows

19 feet of flat bar 2½	X ⅝ ths at 5.25 per foot ———	lbs 99.75	
64 "	Round ——— ⅝ ths ——— at 1.03 ———		65.92
8	——— ⅜ ——— 1.48 ———		11.84
	Total without diagonals ———	lbs 197.51	
Do 197 lbs iron flat and round at Rs 28 per candy pay ———			10 — —
Punching 56 holes with fly press ———			— 8 —
Turning down 36 ends ———			2 — 4
Rivetting ——— do ———			1 — 2
closing 18 do Round rods in middle bar ———			— 9 —
Centres finished, 5 lbs each, at Rs 5 per maund ———			2 — —
Rivets for do and fixing ———			7 — —
Sundries, waste &c say ———			3 — —
			30 — 7 —
Bolt and fixing it ———			1 — —
			31 — 7 —
For diagonals add say			
16 feet flat bar 2½ X ½ at 6.20 per foot say 68 lbs say ———			6 — —
Forge work and fitting ———			1 — —
Punching 18 holes ———			— 8 —
Drilling 10 ——— do six side nails ———			— 10 —
Filing and fitting ———			1 — —
12 Rivets and fixing ———			2 — —
			9 — 2 —
Total if with diagonal braces ———			31 9 —

588 Cubic feet Pitch pine will be better omitted, metal pipes at the same cost may be substituted.

1 Pr. Teakwood sleeping bank complete as per plan the price will be found for the battened plan to the price will be found for the

1 Pr. Iron gratings as above.

20 feet 3 to inch cast iron bar at 3 per foot. The weight would be upset under the head so one foot more the 11 foot length is 33 lbs each bar.

88 feet turned wooden railing may probably be performed with 3 lines of iron rail being substituted for three bar irons

Quantities	Description of work	Rate			Amount	Amount of each part
					Brought Over	3569	11815
588	Cft. Earthern Pipes complete	"	7	"	257	
407	Cft. Cut stone in chunam	"	12	"	305	
1407	Ft. Teakwood wrought & put up	2	6	5	3378	
372	Rft. Teakwood ornamented Eave board including paint and fixing with nails	"	3	"	70	
1	12 Teakwood sleeping bank complete Each	10	"	"	420	
	12 Iron door including paint complete as per Plan	78	"	"	3276	
	42 Iron Grated windows complete as per Plan	6	"	"	252	
	82 Iron Gratings complete to the water course	1	"	"	82	
780	Rft. Iron bar of 3/4 inch Diameter for fencing between the columns 780 Rft.	3	"	"	234	
80	Ft. Wooden turned railing with top and bottom frame complete	1	8	"	120	
					Carried Over	11963	11815

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought Over		1163	11815
	12 Strong Double bolt of Iron Padlocks with keys complete ——— Each	1 "	12	
1310	Sup^d^ White paint 3 coats to the Joists and Summers	2 " 11	3 354	
				14159
	Sundry charges & Scaffolding &c^a^	" " "		1126
	Terrace Running ful Inches	" " "		30400
	D^o^ 1 ——— D^o^ ——— D^o^	" " "		76
	Grand Total for 2550 Inches Superficial of Cells Corridors & Lobbies		193800	
	Circular Guard Room for the Warders on duty Lower Story			
351	C^t^ Brick work in chunam C^t^	1 9	417	
53	D^o^ Flat arch per C^t^	2 8	9	
	12 Masonry columns complete C^t^	7 7 "	84	
	1 Centre Columns ———	" " "	14	
746	Sup^d^ Terracing with brick on edge Inch course of flat tiles and plastering with 3 Coats chunam to the ceilings 746	12 8 4	93	
	Carried Over		622	193800

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought Over		622	193800
2000	Sup^d^ Plastering with 2 coats chunam ——— 7sq^r^	2 " "	40	
1350	D^o^ Flooring with 8 ins. Sq^re^ bricks in chunam and a levelling course of will bricks underneath ——— D^o^	5 10 "	76	
140	D^o^ Paving with 12 ins. Sq^re^ bricks in chunam to the steps D^o^	6 8 "	9	
	Excavating the foundation and filling the basement	" " "	14	
1263	Sup^d^ Sloping roof with Palmira rafters rafters nails flat and pantiles and chunam borders 7sq^r^	15 " "	186	
154	C^ft^ Teakwood wrought and put up ——— 7C^ft^	2 6 5	370	
	Planks and nails between the Joists over the beams	" " "	7	
100	R^ft^ Teakwood eave board complete ——— 7R^ft^	" 3 "	19	
4	Pairs Pannelled doors with frames &c^a^ complete Each	24 " "	96	
1	Teakwood Staircase and landing place &c^a^ complete	" " "	300	
1	Double bolt of Iron Padlocks complete ———	" " "	1	
	Carried Over		1740	193800

Quantities	Description of work	Rate			Amount	Amount of each part
	Brought Over				1740	19380
800	Sup^{ft} Wall plaist 3 Coats to the beam summers and Joists &^{ca} ——— Do	2	11	3	22	
300	D^{o} Green plaist 3 Coats to the dressand windows ——— D^{o}	2	7	9	7	
					1764	
	Upper Flor					
1293	C^{ft} Brick work in chunam M^{ca}	"	1	10	1145	
	1 Column complete ———	"	"	"	5	
45	C^{ft} Flat arch work in chunam D^{o}	"	2	5	5	
780	Sup^{ft} Terracing with brick on edge Jelly 3 Course flat tiles and plastering 3 Coats of chunam ——— D^{o}	18	8	"	144	
2100	D^{o} Plastering with 2 Coats of chunam ——— D^{o}	2	"	"	42	
202	D^{o} Flooring with 1 Course of flat tiles and plastering with 3 coats chunam to the ends of the upper floor ——— D^{o}	3	"	"	18	
90	C^{ft} Teakwood wrought & put up Planks & nails between the Joists over the beams ———	C^{ft} 2	6	5	217	
		"	"	"	7	
	Carried Over				2353	193800

Quantities	Description of work	Rate			Amount	Amount of each part
	Brought Over				2353	193800
412	Sup^{ft} Flooring with 8 in^{ches} Sq^{re} bricks in chunam M Sq^{rs} 4 Pairs Batten windows with frames and Iron bars &^{ca} complete ——— Each	4	6	"	18	
		22	8	"	90	
100	C^{ft} Teakwood Cove board complete ——— M C^{ft}	"	3	"	19	
900	Sup^{ft} White plaint 3 Coats to the beams and Joists M Sq^{rs}	2	11	3	24	
200	D^{o} Green plaint 3 Coats to the windows ——— D^{o}	2	7	9	5	
	Sundry charges & Scaffolding &^{ca}	"	"	"	121	
						2630
	Hospital &^{ca}					
32430	C^{ft} Brick work in chunam M^{ca}	"	1	9	3547	
624	D^{o} Flat arch work in chunam D^{o}	"	2	8	104	
420	D^{o} Cornice work in ——— D^{o} ——— D^{o}	"	2	11	77	
	20 Masonry columns ——— Each	7	4	"	145	
3971	Sup^{ft} Terracing with brick on edge Jelly 3 Course of flat tiles and plastering 3 Coats of chunam M Sq^{rs}	18	8	"	735	
26000	D^{o} Plastering with 2 Coats of chunam ——— D^{o}	2	"	"	520	
	Carried Over				5128	196430

Quantities	Description of work	Rate			Amount	Amount of each part
	Brought Over				5128	196430
1900	Sup^{fl} Flooring with 3 inch Sq^{re} Deals in chunam & a Lathing course of 4 all Deals underneath ——— Sq^{re}	5	10	-	276	
220	D^{o} Paving with 12 inch Sq^{re} Deals in chunam to Slopes D^{o}	1	8	-	14	
2420	D^{o} Sloping roof with Palmyrah rafters purlins nails flat and pantiles and chunam borders ——— D^{o}	15	"	-	363	
	Excavating the foundation & filling & earthing the basement	"	"	"	50	
169	Ft^{s} Teakwood wrought & put up Planks and nails between the Joists over the Beams	2	6	5	1127	
		"	"	"	5	
24	Pairs Panelled doors with frames &c^{a} complete ——— Each	24	"	"	576	
3	Pairs Malan Window shutters with frames and Iron bar complete ——— D^{o}	22	8	"	67	
25	Grated Windows frames close Iron bar complete D^{o}	5	4	"	131	
22	Double bolt of Iron Padlocks with keys &c^{a} complete ——— D^{o}	1	"	"	22	
	Carried Over				2250	196430

24 Pairs Panne'd Doors.

The upper half of these doors should be louvred as shown in the appendix to my report. The cost need not the exceed

Quantities	Description of work	Rate			Amount	Amount of each part
	Brought Over				7759	196430
	Fixing 63 Cast Iron perforated plates ——— Each	1	8	-	95	
2900	Sup.ft. White paint 3 Coats to the Joists and summers ——— 7sq.rs	2	11	3	78	
	16 Wood.n water spouts 3 feet Each	"	15	-	15	
2200	Sup.ft. Green paint 3 Coats — 7sq.rs	2	7	9	55	
	Sundry charges & scaffolding &c.a	"	"	-	398	
	Total for 1 Hospital Rupees				8400	
	Do for 2 ——— Do. ———				"	16800
	Houses for Chief Warders					
5806	Cu.t Brick work in chunam 7 Cu.t	"	1	9	635	
70	Do Circular arch work in chunam Do.	"	3	2	14	
138	Do Flat arch work in chunam Do.	"	2	8	23	
94	Do Cornice work in chunam ——— Do.	"	2	11	17	
1225	Sup.ft. Terracing with brick on edge Silly 3 Courses of flat tiles & plastering 3 coats of chunam 7sq.rs	18	8	-	227	
5200	Do. Plastering with 2 Coats of chunam Do.	2	"	"	104	
1100	Do. Flooring with 8 inch. Sq.t bricks in chunam & a levelling course of wall bricks under neath ——— Do.	5	10	"	62	
	Carried Over				1082	213230

Quantities	Description of work	Rate			Amount	Amount of each part
	Brought Over				1082	213230
20	Sup^{ce} Paving with 12 ins. Sq^{re} bricks in chunam to steps	6	8	-	1	
	Excavating the foundation & filling the basement	"	"	"	14	
219	Cft^{s} Teakwood wrought & putup	2	6	5	525	
	Teakwood Planks & nails between the Joists over the beams	"	"	"	3	
	1 Iron Grated Door &^{c} complete	"	"	"	150	
	4 Pairs of Pannelled Doors with frames &^{c} complete Each	24	"	"	96	
	7 Pairs Batten Windows shutters with frames & Iron bars complete D^{o}	22	8	"	159	
	3 Iron Double Padlocks with keys &^{c} complete D^{o}	1	"	"	3	
	4 Wooden water spouts D^{o}	"	15	"	4	
1450	Sup^{ce} White punt 3 coats to beams and Joists Sq^{re}	2	11	3	39	
650	D^{o} Grain punt 3 coats to Doors and Windows D^{o}	2	7	9	16	
	Sundry charges & scaffolding &^{c}	"	"	"	109	
	Per 1 Houses for Chief Warders				2230	
	D^{o} 2 D^{o} D^{o} D^{o}				"	1160
	Carried Over				"	217690

Quantities	Description of work	Rate			Amount	Amount of each part
	Brought Over				-	217690
	Warders House					
5019	Cft^{s} Brick work in chunam	7 Cft^{s}	"	1	9	549
105	Sup^{ce} Flat arch work in chunam	D^{o}	"	2	8	18
60	D^{o} Circular arch work in chunam	D^{o}	"	3	2	12
106	D^{o} Cornice work in chunam	D^{o}	"	2	11	19
	4 Nursery columns	Each	8	2	6	33
800	Sup^{ce} Terracing with brick on edge Selly 3 course of flat tiles and plastering 3 Coats of chunam	Sq^{re}	18	8	"	148
1200	D^{o} Plastering with 2 coats of chunam	D^{o}	2	"	"	84
700	D^{o} Flooring with 8 ins. Sq^{re} bricks in chunam and levelling course of wall bricks underneath	D^{o}	5	10	"	39
36	D^{o} Paving with 12 ins. Sq^{re} bricks in chunam to steps	D^{o}	6	8	"	2
	Excavating the foundation and filling the basement		"	"	"	14
100	Cft^{s} Teakwood wrought & putup	Sq^{re}	2	6	5	241
	4 Pairs of Pannelled Doors with frames &^{c} complete	Ea^{ch}	24	"	"	96
	4 Pairs of Batten Windows shutters with frames & Iron bars &^{c} complete	D^{o}	22	8	"	90
	Carried Over				1345	217690

Quantities	Description of works	Rate			Amount	Amount carried forward
	Brought forward				1345	217690
	2 Double bolt & Iron Padlocks with keys ——— Each	1	"	"	2	
	4 Wooden water spouts ——— Do	"	15	"	4	
700	Sqr. Yds White paint 3 Coats to Summers and Joists ——— Do	2	11	3	14	
500	Sqr. Yds Green paint 3 Coats to Doors and Windows ——— Do	2	7	9	12	
	Sundry charges & scaffolding &c.	"	"	"	69	
	Four Warders Houses Rooms				1450	
	4 — Do — Do — Do				"	7250
	Compound Walls					
1799	Cft. Brickwork in chunam Mortar	"	1	9	1967	
	Excavating the foundation and levelling earth ———	"	"	"	150	
					1952	
	Sundry charges & scaffolding &c.	"	"	"	973	
						20800
260	Rft. Iron Railings including Gates &c. complete ——— Rft.	7	"	"	1820	
						1820
	Carried Over				"	247560

The surrounding walls should be 15 feet the additional cost will be small.

260 feet iron railings at 7 Rs. This charge is probably much over estimated.

Quantities	Description of Work	Rate			Amount	Amount of each part
	Brought Over				"	247560
	Superintendance & Contingencies	"	"	-	"	12840
	Grand Total Company's Rupees				"	260400

Central Office of P.W.
Fort Saint George
19th September 1857.

W. E. Tabor Colonel
Chief Engineer D. P. W.

N. B.

The Cost for Drains not included in the above Estimate

Abstract

2550	Sft. Cells	193800	" "
1	Circular Guard Room	2630	" "
2	Hospitals	16800	" "
2	Houses for Chief Warders	4460	" "
5	Warders Houses	7250	" "
	Compound Walls	20800	" "
	Iron Railings	1820	" "
	Superintendance & contingencies	12840	" "
	Rupees	260400	" "

Enclosure
In a Letter

From

The Chief Engineer
P.W.F.

To

The Secretary to Gov.t
P.W.F.

2335
P.W. 57

Dated 19th Sept.r 57
Received 23 Sept.r 57

No. 3794

No. 3794
Abstract Estimate for Constructing a Jail at Red Hills in the District of Chingleput amounting to Co.s Rs. 2,60,400—
1578.
Rs. 1575

Central Office of P.W.
Fort Saint George,
19th September 1857.

No. 3794

From,

The Chief Engineer.

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

Judicial
Prisons

Sir,

With reference to Extracts Mins: Consultation Nos. 1934, and 547 dated respectively 21st October 1856, and 25th March 1857, I have the honor to submit revised Plans and Estimate, for the proposed Central Prison at the Red Hills, prepared as directed, in communication with the Inspector of Prisons.

Enclosures 5
1 Estimate Abstract
1 Comparative Statement
3 Plans
5

2. The comparative Statement marked A, exhibits the Reductions that have been made from the original Estimate, of Rupees (4,77,600) Four lacs Seventy Seven Thousand, and Six hundred; the amount of the revised Estimate being Rupees (2,60,400) two lacs Sixty thousand and four hundred, comprising the items shown in the accompanying Abstract.

3 The order of the buildings is that described in appendix B, of the Report of the Inspector of Prisons,

to

to the close of the Official year 1855/56, the cells being arranged in Segments of Circles, having a common centre.

4. A circular two storied building for the Warders or guard, is placed in the middle of the enclosure.

5 The Chief Warder's and Apothecary's Rooms are placed at the entrance gate, with Ranges on either side for the Hospital, store, receiving Rooms, &c.

6 Houses for five other warders are placed round the Prison enclosure

7. The three inner Segments of the Prison, are to contain each 84 cells, and the three outer Segments each 96, or altogether 540 Cells. The cells are to be 12 feet long, by 8½ feet average breadth.

8. The buildings are to be raised on basements 2 feet in height above foundation, which are to be sunk 6 feet. The lower cells are to be 9'-7", and the upper 9'-6" high; an open Verandah 7 feet broad, and raised 6 inches above the ground, will run the length of the buildings on the inner side, both above and below.

9 The circular guard building is to be 24 feet in diameter, raised on a basement 2 feet in height above foundations, which are to be sunk 3'. 6". The Lower Story is to be 11 feet, and the upper 11 feet high, - the former being surrounded by an open Verandah, 8 feet broad.

10 The two Hospital Ranges are each to contain 21 cells, 12 feet long, by 9 feet broad, and 11 feet high; with an enclosure for privies at the end. The Chief Warders and Apothecary's Quarters are to have 3 Rooms.

11 These Ranges are to be raised on a basement 2 feet in height above foundations, which are to be sunk 3 feet, and an open Verandah 8 feet broad, will extend along the Rooms on the inner side.

12 The Warders houses are to contain 3 Rooms each, 14 feet long, by 11 feet broad, and 12 feet high with an open Verandah, at one end. They are also to be raised on a basement 2 feet in height above foundations, to be sunk 3 feet.

13 The boundary wall is to be 14 feet high.

14 All the buildings are to be terraced, and built with brick in chunam, as being cheaper than laterite.

15 The data on which the Estimate has been framed, have been carefully considered, and I beg to recommend the several plans for the favorable consideration of Government.

I have the honor to be,
Sir,
Your most Obt. Servt.
W. Ed. Caster. Colonel
Chief Engineer.

Central Office of Public Works,
Fort Saint George, 6th September 1857.

Ed. S. Brock Lt.

Rs. Rs 1575

Cons 31 March/57.
No 940.

Public Works 1857 Department
No to Cons: 29th Sept.
No 1865.

To the Chief Engineer.

To the Secretary to Government
N.W.P.

Date 19th September 1857.
Received 21st

No 3774

Enclosures 5

Submitting for the favorable consideration of Government detailed Plan and Estimate amounting to Rs 6,96,000 Six Lacks Ninety thousand for the proposed Central Prison at Naini Tal

1817 Write an order 23rd Sept

No 1817.

Ordered to be communicated to the Judicial Department.

Short 24 Sept 1857

Copies to the Jud Dept.
with 5 Plans Dup 225

Exd C. Cheek Esqr
15th Octr/57 C. No 2071
Sr Cons Shw

No 17-18.