Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Pointing with chunam (outside)—cont.		FT. IN.	FT. IN.	FT. IN.		
Binding walls, sides and top	2	18 0	..	3 6	126	
Parapet walls of verandah sides and top	1	293 6	..	3 6	1,027	
Do. over side rooms	1	177 6	..	3 6	621	
Do. over Head-quarter Inspector's room	1	59 0	..	3 6	207	
Archways (7′ span)	28	22 9	..	1 6	956	
Do. (6′ do.)	2	22 0	..	1 6	66	
Do. (6′ do.)	2	28 0	..	2 0	112	
Do. (6½′ do.)	4	29 0	..	2 0	232	
Total ..	..	..	..	..	17,077	
Deduct for segmental spaces	56	56 7	Area.	..	3,168	
Do. do. 6′ span	6	49 4½	Do.	..	296	
Do. do.	6	68 10½	Do.	..	413	
Do. do.	8	74 0	Do.	..	592	
Do. for windows	16	4 6	..	6 0	432	
Do. for ventilators	28	3 0	..	1 6	126	
Total deduction, square feet ..	..	..	..	..	5,027	
Total pointing, square feet ..	..	..	..	..	..	12,050
Painting doors and windows with three coats of oil paint.			Times.			
Panel doors in side and Head-quarter Inspector's room	8	4 6	2¼	9 0	729	
Panel doors in stair-case room	1	3 0	2¼	6 6	44	
Panel and venetian doors, Head-quarter Inspector's room	2	4 6	2¾	9 0	222	
Venetian windows inside rooms	16	4 6	3	6 0	1,296	
Panel door with glazed top Crime and General Department room	6	4 6	2¼	10 6	638	
Panel and venetian doors with glazed top, Crime and General Department room	2	4 6	3	10 6	284	
Ventilators	28	3 0	2¼	1 6	284	
Total painting, square feet ..	..	..	..	..	..	3,497
Painting woodwork with three coats of zinc white paint—						
Beams	7	18 0	..	3 7	452	
Joists in side rooms	26	36 4	..	1 3	1,181	
Do. Head-quarter Inspector's room	13	18 0	..	1 3	293	
Do. Crime and General Department room.	13	26 4	..	1 3	428	
Beams at angles	4	11 0	..	1 11	84	
Joists at angles	8	24 0	..	1 3	240	
Do. at verandah	184	8 0	..	1 3	1,840	
Do. do.	53	7 6	..	1 3	497	
Do. at stair-case room	6	3 9	..	0 11	21	
Do. for steps in stair-case room	3	9 0	..	1 6	41	
Do. do.	3	14 6	..	1 10	80	
Total painting, square feet ..	..	..	..	..	..	5,157
Teakwood punkahs, 10 feet long, with brown Holland fringes, &c., complete	..	..	..	..	..	No. 5
Upper Floor—						
Superintendent's room—						
Main wall all round	1	102 0	1 6	16 0	2,448	
Verandah walls	1	195 0	1 6	12 0	3,510	
Parapet wall over main and verandah walls.	1	297 0	1 6	1 0	446	
String course to archways	1	39 6	0 3	0 9	7	
Total ..	..	..	..	..	6,411	
Deduct for doors	4	4 6	1 6	9 0	243	
Do. for windows	6	4 6	1 6	6 0	243	
Do. for outside	8	4 6	1 6	5 3	284	
Do. for door, small	1	3 0	1 6	7 0	32	
Do. for archwork over doors and windows	10	6 0	1 6	1 0	90	
Do. do. small door	1	4 6	1 6	1 0	7	
Do. do. outer windows	8	9 6	1 6	1 0	114	
Do. for recess of windows	14	4 6	0 9	3 0	142	
Archways, 6′ span	6	6 0	1 6	5 6	297	
Do. segmental portion	6	16 4½	Area.	..	98	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Painting doors and windows with three coats of oil paint—cont.		FT. IN.	FT. IN.	FT. IN.		
Archways, 7′ span	4	7 0	1 6	5 0	210	
Do. segmental portion	4	21 7	Area.	..	87	
Archwork, 7′ span	4	13 3	1 6	1 0	80	
Do. 6′ span	6	11 0	1 6	1 0	99	
Do. ventilators	10	3 0	1 6	1 6	68	
Do. lintel over ventilators	10	4 0	1 6	0 6	30	
Total deductions, cubic feet ..	..	..	..	..	..	2,124
Total course rubble in chunam, less deductions, cubic feet ..	..	..	..	..	..	4,287
Archwork over doors and windows, cubic feet ..	..	..	..	..	..	97
Segmental archwork as per above deductions, cubic feet	..	..	..	..	..	293
Cornice work, coursed rubble stone	1	301 0	0 6	0 9	112 10½	
Total cubic feet ..	..	..	..	..	..	113
Dressed stonework.						
Lintel stone over ventilators	10	4 0	1 6	0 6	30	
Slabs under beams	4	1 6	1 6	0 4	3	
Vertical rails for verandah	44	0 9	0 6	1 10	30	
Horizontal rails at bottom	1	79 0	0 9	0 11	54	
Do. at top	1	79 0	0 9	0 5	25	
Total cubic feet ..	..	..	..	..	..	142
Teakwood, wrought and put up—						
Beams	2	21 6	0 10½	1 6	56 5	
Do. in verandah	3	9 6	0 6	0 7	8 3	
Joists in main room	14	31 0	0 3	0 6	54 3	
Do. in stair-case room	68	9 6	0 3	0 6	80 9	
Do. do.	26	10 0	0 3	0 6	32 6	
Total cubic feet ..	..	..	..	..	..	232
Terracing.						
Main room	1	30 0	..	20 0	600	
Verandah	1	100 0	..	9 0	900	
Do. in rear	1	39 0	..	9 6	371	
Total square feet ..	..	..	..	..	..	1,871
Cuddapah slabs for cornice—						
Verandah all round	1	207 0	..	2 9	569	
Do. main building	1	130 0	..	2 9	358	
Total ..	..	..	..	..	..	927 sq. ft.
Teak panel and venetian doors with frames, iron fastenings, &c., complete	3	3 11	..	8 5	99	99 sq. ft.
Panel door with frames, iron fastenings, &c., complete	1	2 5½	..	6 5½	16	
Do. do. do.	1	3 11	..	8 5	33	
Total ..	..	..	..	..	49	49 sq. ft.
Venetian windows with frames, iron fastenings, &c., complete	6	3 11	..	5 5	127	127 sq. ft.
Venetian windows with glazed top (outside), frames, iron fastenings, &c., complete	6	3 11	..	5 5	127	127 sq. ft.
Glazed windows with frames, iron fastenings, &c., complete	2	3 11	..	5 5	42	42 sq. ft.
Ventilators with swing shutters over side pivots including frames, &c., complete	10	2 6	..	1 0	25	25 sq. ft.

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Constructing store-room and school-house—cont.						
Pointing with chunam, outside—						
Front and rear walls	2	67¼	..	13	1,748	
End walls	2	22	..	13	572	
Verandah partition wall	2 × 1	6	..	10½	126	
End of partition wall	1	1½	..	7	11	
Basement all round	..	203½	..	2	407	
Sides of steps	8	3	..	1	24	
Total, square feet	..	..	..	..	..	2,888
Deductions—						
For doors	4	4	..	7	112	
Windows	5	3	..	4	60	
Space of partition wall	1	1½	..	13	20	
Total, square feet, deductions	..	..	..	..	192	
Total, pointing with chunam, less deductions	..	..	..	..	..	2,696
Mangalore tile roofing with teak reepers, each tile to be screwed down—						
Front and rear	2	$\frac{70\frac{1}{4}+46\frac{3}{4}}{2}$		17	1,989	
Ends	2	$\frac{22+0}{2}$	..	17	374	
Verandah in front	1	34	..	7	238	
Do. at end	1	22	..	7	154	
Total, square feet, Mangalore tiled roofing	..	..	..	..	..	27·55
Teakwood, wrought and put up, four trusses—						
Principal rafters	8	12½	4″	6″	16·33	
Tie beams	4	22	4″	7″	17·11	
Struts	8	5¾	4″	4″	5·11	
King posts	4	7	4″	4½″	3·50	
Ridge piece	1	47	3″	9″	8·80	
Purlins	2	66½	5″	5″	23·08	
Pole plates	2	89	5″	5″	31·00	
Verandah pillars	7	9½	5″	5″	11·5	
Bressummers	..	67½	5″	6″	14·06	
Total, cubic feet, teak	..	..	..	..	..	130·59
Venteak—						
Hip rafters, long	1	29	4″	5″	4·03	
Do. short	3	19	4″	5″	7·91	
Common rafters for front and rear roof 2¼ feet from centre to centre	2 × 22	17	3″	4½″	70·01	
Jack rafters in front and rear	32	8½	3″	4½″	25·50	
Common rafters for verandah	24	7	3″	4½″	15·75	
Jack for above	6	3½	3″	4½″	1·97	
Total, cubic feet, venteak, wrought and put up	..	..	..	..	..	125·17
Ceiling board of jungle wood ½″ thick as per details for roofing for school only—						
For school-house	2	23	17	..	782	
Do.	1	11	17	..	187	
Total, square feet, ceiling board	..	..	..	..	..	969
Painting ceiling with 2 coats of peacock blue—						
As per details of ceiling, square feet	..	..	..	..	..	969
Tarring top of ceiling boards, 2 coats—						
As per above for ceiling, square feet	..	..	..	..	..	969
Teakwood pannelled doors and windows—						
Doors	5	4	..	7	140	
Windows	5	3	..	4	60	
Total, square feet, teakwood doors, &c.	..	..	..	..	..	200

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Constructing store-room and school-house—cont.						
Painting with silicate paint, 2 coats—						
Doors	2 × 5	4	..	7	280	
Windows	2 × 5	3	..	4	120	
Total square feet, painting with silicate, 2 coats.	..	..	..	..	..	4·00
Sunshades of teakwood including silicate paint.	..	..	..	..	..	No. 5
Filling basement—						
School-house	1	26½	18½	1½	735	
Centre store-room	1	16¾	18½	1½	465	
End do.	1	16½	18½	1½	458	
Front verandah	1	32¾	4½	1½	209	
Verandah on left	1	21	4¼	1½	134	
Total cubic feet, earthwork, filling basement	..	..	..	..	..	2·001
Flooring with Cuddapah slabs on 3″ concrete—						
School-house	1	26½	18½	..	490	
Centre room	1	16¾	18½	..	310	
End do.	1	16½	18½	..	305	
Front verandah	1	32¾	4¼	..	139	
Verandah on right	1	21	4¼	..	89	
Total square feet, flooring with Cuddapah slabs.	..	..	..	..	..	13·33
Wood-oiling, 2 coats	..	..	..	..	..	40·00
Constructing Armourer's shop.						
Excavating foundation—						
All round	1	72	4	4	1,152	
Cross wall	1	12½	3¾	4	188	
To ramp all round	1	95	4	¾	285	
Total cubic feet, earthwork	..	..	..	..	..	1,625
Concrete stone in chunam—						
Foundation—						
Wall all round	1	72	4	4	1,152	
Cross wall	1	12½	3¾	4	188	
Ramp all round	1	95	4	¾	285	
Total cubic feet, concrete stone in chunam	..	..	..	..	..	1,625
Coursed rubble stone in chunam, 1st sort—						
Basement—						
Wall all round	1	72	2	1½	216	
Cross wall	1	14½	1¾	1½	38	
Total, cubic feet, coursed rubble stone in chunam, 1st sort	..	..	..	..	..	2·54
Superstructure—						
Wall all round	1	72	1½	15	1,620	
Cross wall including gable over it	1	15	1½	17½	328	
Gables at ends	2	15	1½	2½	112	
Wall over gables at ends	2	22	1	1	44	
Chimney above wall	1	2½	1¼	10	38	
Total	..	..	..	..	2,142	
Deduction—						
Doors	1	4	1¼	7½	38	
	1	4	1½	7½	45	
Window	1	4	1½	5	30	
Flat arch over doors in outer wall	1	5	1½	1½	11	
Do. doors in cross wall	1	5	1¾	1½	9	
Do. window	1	5	1½	1½	11	
Total, cubic feet, deduction	..	..	..	..	144	
Total, cubic feet of rubble stone in chunam, 1st sort, less deduction	..	..	..	..	..	19·98

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breath.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Constructing Armourer's shop—cont.						
Flat archwork—						
As per deductions..	..	..	..	c. feet.	31	31
Plastering in chunam, 2 coats—						
Main room	1	53½	15	..	803	
Drying room	1	40	15	..	600	
Gable at ends	2	15	2½	..	75	
Do. over cross wall	2	15	2½	..	75	
Wall over the end gables	2	22	3	..	132	
Sides and soffits of doors	1	1½	19	..	29	
Do. do.	1	1¼	19	..	24	
Do. and sill of window ..	1	1½	18	..	27	
Top of ramp all round	1	96	4	..	384	
Total ..	..	..	..	..	2,149	
Deduction—						
Doors	3	4	7½	..	90	
Window	1	4	5	..	20	
Total, deduction ..	..	..	..	..	110	
Total, plastering, less deduction ..	..	..	..	..	..	20·39
Pointing with chunam—						
Walls all round	1	78	14	..	1,092	
Gable at ends	2	15	3	..	90	
Chimney above wall	1	8	10	..	80	
Basement all round	..	80	..	¾	60	
Total ..	..	..	..	..	1,322	
Deduction—						
Door	1	4	7½	..	30	
Window	1	4	5	..	20	
Total, deduction ..	..	..	..	..	50	
Total, pointing, less deduction ..	..	..	..	..	..	12·72
Cornice work—						
Round the building	1	82	..	..	82	
Total, R. feet ..	..	..	..	..	..	82
Venteak, wrought and put up—						
Common rafters	2×10	10½	3″	4½″	19·68	
Ridge piece	1	21	3″	8″	3·50	
Purlins	2	21	4″	6″	7·00	
Wall plates	2	21	3″	4″	3·50	
Total, cubic feet ..	..	..	..	..	..	33·68
Roofing with Mangalore tiles and reepers—						
For front and rear	2	21	11	..	462	
Total, square feet ..	..	..	..	..	..	4·62
Teakwood doors—						
Doors, batten	2	4	7½	..	60	
Total, square feet of batten door ..	..	..	..	..	..	60
Windows, glazed and iron-barred—						
Windows	1	4	5	..	20	
Total ..	..	..	..	..	..	20

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Constructing Armourer's shop—cont.						
Filling in basement—						
Main room	1	11½	14½	1½	245	
Drying room	1	14½	4½	1½	98	
Total, cubic feet, filling in basement ..	..	..	..	..	..	343
Flooring with Cuddapah slabs on 3″concrete—						
Main room	1	11½	14½	..	163	
Drying room	1	14½	4½	..	65	
Total, square feet, flooring ..	..	..	..	..	..	2·28
Painting doors with silicate	2	4	7½	..	60	60
Constructing Latrine.						
Excavating foundation—						
Latrine wall all round	1	101½	3½	3	1,066	
Total, cubic feet, excavating foundation ..	..	..	..	..	..	1,066
Concrete stone in chunam, foundation—						
Wall all round	1	101½	3½	3	1,066	
Total, cubic feet, concrete foundation ..	..	..	..	..	..	1,066
Coursed rubble stone in chunam, 2nd sort—						
Superstructure—						
Walls all round	1	97½	1½	5½	804	
Total, cubic feet, superstructure ..	..	..	..	..	..	8·04
Pointing with chunam—						
Walls all round both sides	..	199½	..	4¾	948	
Total, square feet, pointing ..	..	..	..	..	..	9·48
Plastering coping	1	97½	3½	..	341	
Total, square feet, plastering ..	..	..	..	..	..	3·41
Gravelling flooring and ramming—						
Latrine	1	24	18	6″	216	
Passage	1	4	1½	6″	3	
Do.	1	6	4	6″	12	
Total ..	..	..	..	..	..	2·31

Estimate Form—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
	Main Building.	Rs. A. P.		Rs.	Rs.
15,106 c. ft. ..	Excavation for foundation	3 12 0	1,000 c ft.	57	
15,106 ,, ..	Concrete stone in chunam	12 8 0	100 ,,	1,888	
4,265 ,, ..	Coursed rubble stone in chunam, first sort, for basement	20 0 0	100 ,,	853	
15,143 ,, ..	Do. do. for superstructure.	23 8 0	100 ,,	3,559	
258 ,, ..	Archwork over doors and windows	25 0 0	100 ,,	65	
1,190 ,, ..	Segmental archwork	28 0 0	100 ,,	333	
190 ,, ..	Brick in mortar for staircase	26 0 0	100 ,,	49	
208 ,, ..	Cornice work coursed rubble stone	24 8 0	100 ,,	51	
102 ,, ..	Dressed stone work in lintel and under beams ..	0 12 0	cubic foot.	77	
1,845 sq. ft. ..	Cuddapah slabs for cornice including fixing and pointing with cement	24 8 0	100 sq. ft.	452	
732 c. ft. ..	Teakwood wrought and put up	4 8 0	cubic foot.	3,294	
4,447 sq. ft. ..	Terracing with brick on edge jelly 3″ thick, 3 courses of flat tiles and 3 coats of plastering on top and ceiling	30 0 0	100 sq. ft.	1,334	

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
	Main Building—cont.	Rs. A. P.		Rs.	Rs.
1,652 sq. ft. ..	Terraced flooring with brick on edge jelly 3 inches thick, 1 course of flat tile and 3 coats of plastering at ceilings and ½ inch thick of Portland cement plaster at top	28 0 0	100 sq. ft.	463	
278 ,, ..	Teakwood panel doors with framed hinges, hooks and other iron fastenings, &c., complete ..	1 2 0	square foot.	313	
66 ,, ..	Teakwood panel and venetian doors with frames, hinges, hooks and other iron fastenings, &c., complete	1 8 0	Do.	99	
339 ,, ..	Teakwood venetian windows with frames, hinges, hooks and iron fastenings, &c., complete ..	1 8 0	Do.	508	
259 ,, ..	Teakwood panel door with glazed top frames, hinges, hooks and other iron fastenings, &c., complete	1 2 0	Do.	291	
87 ,, ..	Teakwood panel and venetian doors with glazed top, frames, hinges, hooks, and other iron fastenings, &c., complete	1 8 0	Do.	130	
65 ,, ..	Teakwood ventilators with swing shutters over side pivots including frames, &c., complete ..	1 2 0	Do.	73	
7,449 c. ft. ..	Filling in basement	2 0 0	1,000 c. ft.	15	
6,048 sq. ft. ..	Flooring with Cuddapah slabs over a bed of concrete 3" thick	16 4 0	100 sq. ft.	983	
11,668 ,, ..	Plastering with 2 coats of chunam, inside ..	3 8 0	100 ,,	408	
12,050 ,, ..	Pointing with chunam, outside..	1 8 0	100 ,,	181	
3,497 ,, ..	Painting doors and windows with 3 coats of oil-paint	3 0 0	100 ,,	105	
5,157 ,, ..	Painting wood work with 3 coats of zinc white paint	3 9 0	100 ,,	184	
No. 5 ..	Teakwood punkahs, 10 feet long, with brown holland fringes brass wheels, hooks and other fittings including suspenders and pulling ropes, &c., complete	20 0 0	each.	100	15,865
	Upper Storey.				
4,287 c. ft. ..	Coursed rubble in chunam, first sort	24 8 0	100 c. ft.	1,050	
97 ,, ..	Archwork over doors and windows	26 0 0	100 ,,	25	
293 ,, ..	Segmental archwork	29 0 0	100 ,,	85	
142 ,, ..	Dressed stone work	1 0 0	cubic foot.	142	
113 ,, ..	Cornice work coursed rubble stone	25 8 0	100 c. ft.	29	
927 sq. ft. ..	Cuddapah slab for cornice including fixing and pointing with cement	24 8 0	100 sq. ft.	227	
232 c. ft. ..	Teakwood wrought and put up	4 8 6	cubic foot.	1,044	
1,871 sq. ft. ..	Terracing with brick on edge jelly 3" thick, 3 course of flat tiles and 3 coats of plastering on top and ceiling	32 0 0	100 sq. ft.	599	
99 ,, ..	Teakwood panel and venetian doors with frames, hinges, hooks and other iron fastenings, &c., complete	1 8 0	square foot.	149	
49 ,, ..	Teakwood panel door with frames, hinges, hooks and other iron fastenings, &c., complete ..	1 2 0	Do.	55	
127 ,, ..	Teakwood venetian windows with frames, hinges, hooks and other iron fastenings, &c., complete..	1 8 0	Do.	191	
127 ,, ..	Teakwood venetian windows with glazed top, frames, hinges, hooks and other iron fastenings &c., complete	1 8 0	Do.	191	
42 ,, ..	Teakwood glazed windows with frames, hinges, hooks and other iron fastenings, &c., complete	1 2 0	Do.	47	
25 ,, ..	Teakwood ventilators with swing shutters over side pivots	1 2 0	Do.	28	
2,615 ,, ..	Plastering with 2 coats of chunam inside ..	3 8 0	100 sq. ft.	92	
5,197 ,, ..	Pointing with chunam outside	1 8 0	100 ,,	78	
1,749 ,, ..	Painting doors and windows with 3 coats of oilpaint.	3 0 0	100 ,,	52	
1,620 ,, ..	Painting wood work with 3 coats of zinc white paint	3 9 0	100 ,,	58	
588 ,, ..	Rattan matting, 1st sort, to Superintendent's room.	16 0 0	100 ,,	94	
2 No. ..	Teakwood punkahs, 10 feet long, with brown holland fringes, brass wheels, hooks and other fastenings including suspenders and pulling ropes, &c., complete	20 0 0	each.	40	4,276
	Store-room and school-house attached.				
4,302 c. ft. ..	Excavating foundation	3 12 0	1,000 c. ft.	16	
4,302 ,, ..	Concrete stone in chunam	12 8 0	100 ,,	538	
1,118 ,, ..	Coursed rubble stone in chunam, 2nd sort, for basement	14 0 0	100 ,,	157	
4,003 ,, ..	Coursed rubble stone in chunam, 1st sort, for Superstructure	20 0 0	100 ,,	801	

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
	Store-room and school-house attached—cont.	Rs. A. P.		Rs.	Rs.
0·97 c. ft. ..	Flat archwork	25 0 0	100 c. ft.	24	
2,755 sq. ft. ..	Roofing with Mangalore tiles including teak reepers	27 0 0	100 sq. ft.	744	
9·69 ,, ..	Jungle wood ceiling board, ½" thick	12 0 0	100 ,,	116	
33·81 ,, ..	Plastering 2 coats with chunam	3 8 0	100 ,,	118	
26·96 ,, ..	Pointing with chunam	1 8 0	100 ,,	40	
130·6 c. ft. ..	Teakwood wrought and put up	4 8 0	cubic foot.	588	
125·17 ,, ..	Venteak wrought and put up	3 0 0	Do.	376	
200 sq. ft. ..	Teakwood panelled doors and windows ..	1 2 0	square foot.	225	
400 ,, ..	Painting with silicate paint 3 coats for doors and windows	3 0 0	100 sq. ft.	12	
9·69 ,, ..	Painting with peacock blue underneath ceiling ..	2 0 0	100 ,,	19	
9·69 ,, ..	Tarring top of ceiling	1 4 0	square foot.	12	
40·0 ,, ..	Wood-oiling, two coats	1 8 0	100 sq. ft.	60	
2·00 c. ft. ..	Filling basement	2 0 0	100 c. ft.	4	
13·33 sq. ft. ..	Flooring with Cuddapah slabs on 3" concrete ..	16 4 0	100 sq. ft.	217	
5 No. ..	Sunshades	15 0 0	each.	75	4,142
	Armourer's shop.				
16·25 c. ft. ..	Excavating foundation	3 12 0	1,000 c. ft.	6	
16·25 ,, ..	Concrete stone in chunam	12 8 0	100 ,,	203	
2·54 ,, ..	Coursed rubble stone in chunam, 2nd sort, basement	14 0 0	100 ,,	35	
19·98 ,, ..	Coursed rubble stone in chunam, 1st sort, for superstructure	20 0 0	100 ,,	400	
0·31 ,, ..	Flat archwork	25 0 0	100 ,,	8	
4·62 sq. ft. ..	Roofing with Mangalore tiles including teak reepers.	27 0 0	100 sq. ft.	125	
20·39 ,, ..	Plastering 2 coats with chunam	3 8 0	100 ,,	71	
12·72 ,, ..	Pointing with chunam	1 8 0	100 ,,	19	
33·68 c. ft. ..	Venteak wrought and put up	3 0 0	cubic foot.	101	
60 sq. ft. ..	Batten shutters	1 0 0	square foot.	60	
60 ,, ..	Painting with silicate paint 3 coats for doors and windows	3 0 0	100 sq. ft.	2	
34 c. ft. ..	Filling basement	2 0 0	100 c. ft.	1	
2·28 sq. ft. ..	Flooring with Cuddapah slabs on 3" concrete ..	16 4 0	100 sq. ft.	37	
82 r. ft. ..	Cornice work	0 4 0	r. feet.	21	
20 sq. ft. ..	Glazed and iron barred window	2 0 0	square foot.	40	
	Bellows and its vice, boiler iron flue including fitting and carriage, &c.	..	..	400	1,529
	Latrine.				
10·66 c. ft. ..	Excavating foundation	3 12 0	1,000 c. ft.	4	
10·66 ,, ..	Concrete stone in chunam	12 8 0	100 ,,	133	
8·04 ,, ..	Coursed rubble stone in chunam, 1st sort ..	14 0 0	100 ,,	113	
3·41 sq. ft. ..	Plastering 2 coats with chunam	3 8 0	100 sq. ft.	12	
9·48 ,, ..	Pointing with chunam	1 8 0	100 ,,	14	
2·31 c. ft. ..	Gravelling floor and tamping	1 12 0	100 c. ft.	4	280
					26,092
	Petty supervision ..	..	..	..	653
	Contingencies ..	..	..	..	1,305
	Grand Total of estimate ..	..	..	..	28,050

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Excavation for foundation						
Side walls of main room	2	64'-6"	4'-6"	4'-0"	2322	
End and cross walls	4	15-6	4-6	4-0	1116	
Verandah wall 2 ft thick	1	141-0	4-6	4-0	2538	
Do Cross walls	5	5-0	4-6	4-0	450	
Do Do Do	2	5-6	4-6	4-0	198	
Walls of Side rooms	2	108-6	4-0	4-0	3472	
Cross wall in Stair Case room	1	5-6	4-0	4-0	88	
Verandah wall 1'-6" thick	1	291-0	4-0	4-0	4656	
Steps in front and rear	2	22-6	3-3	1-6	219	
Do for Stair Case	1	3-9	4-9	4-0	71	
Total Earthwork Cubic ft					15130	15130
Concrete Stone in Chunam						
Side walls of main room	2	64-6	4-6	2-0	1161	
End and cross walls	4	15-6	4-6	2-0	558	
Verandah wall 2 ft thick	1	141-0	4-6	2-0	1269	
Do cross walls	5	5-0	4-6	2-0	225	
Do Do Do	2	5-6	4-6	2-0	99	
Walls of Side rooms	2	108-6	4-0	2-0	1736	
Cross wall in Staircase room	1	5-6	4-0	2-0	44	
Verandah wall 1'-6" thick	1	291-0	4-0	2-0	2328	
Steps in front and rear	2	22-6	4-6	1-6	270	
Do for Stair Case	1	3-9	4-9	2-0	36	
Total Concrete Stone in Chunam cft					7726	7726

P. J. O

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Foundation (Coursed pubble Stone in Chunam 2nd Sort)						
Side walls of main room	2	63-0	3-0	2-0	756	
End and cross walls	4	17-0	3-0	2-0	408	
Verandah wall in three lines	1	141-0	3-0	2-0	846	
Do cross walls	5	6-6	3-0	2-0	195	
Do Do	2	7-0	3-0	2-0	84	
Walls of side rooms	2	112-3	2-6	2-0	1122½	
Cross wall in Stair Case room	1	7-0	2-6	2-0	35	
Verandah wall 1'-6" thick	1	292-6	2-6	2-0	1462½	
Step in Stair Case room	1	3-9	4-9	2-0	36	
Total Cubic feet					4945	4945
Basement (Coursed rubble in Chunam 1st Sort)						
Side walls of Main room	2	62-6	2-6	2-0	625	
End and cross walls	4	17-6	2-6	2-0	350	
Verandah wall on three sides	1	141-0	2-6	2-0	705	
Do Cross walls	5	7-0	2-6	2-0	175	
Do Do	2	7-6	2-6	2-0	75	
Walls of Side rooms	2	113-6	2-0	2-0	908	
Cross wall in Stair Case room	1	7-6	2-0	2-0	30	
Verandah walls	1	293-0	2-0	2-0	1172	
Step in Stair Case room	1	3-9	4-9	2-0	36	
Steps in front and rear	2	21-6	4-0	0-6	86	
Do Do	2	19-6	3-0	0-6	58½	
Do Do	2	17-6	2-0	0-6	35	
Do Do	2	15-6	1-0	0-6	15½	
Total					4271	4271

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Superstructure (Coarsed pubble in Chunam 1st Sort)						
Side walls of main room	2	62-0	2-0	16-0	3968	
End and cross walls	4	18-0	2-0	16-0	2304	
Cross wall in Stair case room	1	8-0	1-6	8-0	96	
Cross walls of Verandah	5	7-6	2-0	16-0	1200	
Do Do Do	2	8-0	2-0	12-0	384	
Verandah wall 2-ft thick	1	141-0	2-0	16-0	4512	
Walls of Side rooms	2	106-9	1-6	16-0	5124	
Verandah walls	1	293-6	1-6	12-0	5283	
Do Cross walls	2	8-0	1-6	12-0	288	
Parapet wall over Verandah walls over do do	1	293-6	1-6	1-0	440¼	
Do over side rooms and the three sides of Main front room	1	236-6	1-6	1-0	354¾	
Binding walls over cross walls of side rooms	2	18-0	1-6	1-0	54	
Extra thickness for string Course and basis of Verandah arches 1½' thick	2	89-7	0-3	0-9	33⅔	
Do do for 2 ft piers	2	20-6	0-3	0-9	8	
Total					24050	
Deduct for archways of Verandah	28	7'-6"	1'-6"	5'-0"	1470	
Do Do Segmental portion	28	21-7	Area	1-6	906½	
Do Do 6½ ft Span	4	6-6	2-0	8-6	442	
Do Do Segmental portion	4	19-0	Area	2-0	152	
Carried over					2970½	2971

P. T. O

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
						24050
			Brought Span		2970-6	
Deduct for archways 6 ft span	9	6'-0"	2'-0"	8'-9"	945-0	
Do Do Segmental portion	9	16-4½	Area	2-0	294-9	
Do Do - Archways	4	6-0	1-6	5-6	198-0	
Do Do Do	2	6-0	2-0	5-6	132-0	
Do Do Segmental portion	4	16-4½	Area	1-6	98-3	
Do Do Do Do	2	16-4½	do	1-6	49-0	
Do - archway in stair case room	1	8-0	2-0	7-7½	122-0	
Do — Do — Segmental portion	1	31-6	area	2-0	63-0	
Do doors in side room	2	4-6	1-6	9-0	121-6	
Do Do Do	2	4-6	2-0	9-0	162-0	
Do windows in side room	16	4-6	1-6	6-0	648-0	
Do Do Do recess	16	4-6	0-9	3-0	162-0	
Do for door in Head quarter Police Inspectors room	6	4-6	2-0	9-0	486-0	
Do for door in stair case room	1	3-0	2-0	6-6	39-0	
Doors in Crime and General Department room	8	4-6	2-0	8-6½	603-0	
Do Do Segmental portion	8	10-6	Area	2-0	165-4	
Do for archwork over doors	8	6-0	2-0	1-0	96-0	
Do Do in side rooms	18	6-0	1-6	1-0	162-0	
Segmental arch (7 ft archway	28	13-3	1-6	1-0	556-6	
Do Do (6 ft do)	4	12-0	1-6	1-0	72-0	
Do Do (6½ ft do)	4	12-75	2-0	1-0	102-0	
Do Do (6 ft do)	11	12-0	2-0	1-0	264-0	
Do over doors in crime room	8	10-3	2-0	1-0	164-0	
Do arch in Stair Case room	1	15-9	2-0	1-0	31-6	
Lintel Stone over door in Do-Do	1	4-6	2-0	0-6	4-6	
			Carried over		8711-10	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B. F.					8711-10	21 Co
Deduct for Ventilators	10	3-0	2-0	1-6	90-0	
Do — Do	18	3-0	1-6	1-6	121-6	
Do for Lintel Stones	10	4-0	2-0	0-6	40-0	
Do — Do	18	4-0	1-6	0-6	54-0	
		Total deductions			9017-4	
Total Superstructure less deductions c ft						15033
Arch work over Doors and windows as per above deductions	"	"	"	"	"	258 c ft
Segmental arch as per above deductions.	"	"	"	"	"	1190 c ft
Brick in Mortar						
Filling in the space between door and window frames and the segmental arches above them	26	4-6	0-5	0-6	24	
Stair case	1	3-9	5-0	2-6	46-10½	
	1	7-0	3-9	1-6	39-4½	
	1	8-0	3-9	0-9	22-6	
	1	8-0	3-9	1-6	45-0	
	1	36-0	0-6½	2-9	37-1½	
		Total c ft			214-10½	
Deduct for Cuddapah slabs over the steps of the Staircase	1	40-0	3-9	0-2	25-0	
		Total brick in Mortar less deductions			189-10½	190 c ft
Cornice work Coursed rubble stone below Cuddapah slab cornices around Side rooms, Head Quarter Police Inspectors room and all round Verandah	1	554	0-6	0-9	208	208 c ft

ESTIMATE FORM.—Detail Measurements.

P. W. D. Form, No. M 204.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Dressed stone work						
Lintel stone over door in Stair case room	1	4-0	2-0	0-6	4-0	
Do Over ventilators	10	4-0	2-0	0-6	40-0	
Do .. .. Do	18	4-0	1-6	0-6	54-0	
Slabs under beams	14	1-6	1-6	0-4	10-6	
		Total cft			108-6	108½
Cuddapah slabs for Cornices						
Verandah all round	1	332-6	2-9		914-4½	
Side rooms	2	105-0	2-9		580-3	
Head Quarter Inspectors room	1	73-0	2-9		200-9	
Steps of Stair case	1	40-0	3-9		150-0	
		Total Sqft			1845-4½	1845
Teak wood wrought and put up						
Beams	7	20-6	0-10	1-4½	164-5	
Joists in side rooms	26	41-6	0-3	0-6	134-10½	
Do Head Quarter Inspectors room	13	20-0	0-3	0-6	32-6	
Do Crime and general dept.	13	30-0	0-3	0-6	48-9	
Beams at Angles	4	13-0	0-7	0-8	20-3	
Joists at Do.	8	9-0	0-3	0-6	9-0	
Do .. .. Do	8	7-6	0-3	0-6	7-6	
Do .. .. Do	8	6-0	0-3	0-6	6-0	
Do .. .. Do	8	4-6	0-3	0-6	4-6	
Do .. .. Do	8	3-0	0-3	0-6	3-0	
Do .. Verandah	184	9-6	0-3	0-6	218-6	
Do Do	53	9-0	0-3	0-6	59-7½	
Do to Stair case	6	5-3	0-3	0-4	2-7½	
Do for steps do.	3	11-0	0-4	0-7	6-5	
		Carried over			717-11½	

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					717-11½	
Do for steps Do	3	17-0	0-4	0-9	12-9	
Cross beam	1	5-6	0-6	0-4	0-11	
	Total cft				731-7½	732
Terraced roofing						
Verandah in front	1	39-0		9-0	351	
Do at sides	2	97-6		9-0	1755	
Do between main & side rooms	2	20-0		9-0	36-0	
Head Quarter Inspectors room	1	19-0		19-0	361	
Side rooms	2	40-6		20-0	1620	
	Total	Sqft			4447	4447
Terraced flooring with brick on edge gelly 3" thick 1 course of flat tiles and 3 coats of plastering at ceilings and ½" thick portland cement plaster at top:						
Verandah in rear	1	38-0		9-0	342	
Do between main & Six rooms	2	40-0		8-6	680	
Crime and General Department	1	30-0		21-0	630	
	Total	Sq ft			1652	1652
Doors and windows &c— Side rooms and Head Quarter Inspectors room — Teak panel door with frames and iron fastenings &c Complete	8	3-11		8-5	263-8⅔	
Panel door in stair case room	1	2-5½		5-11½	14-7½	
Head Quarter Inspectors room		Total	Sqft		278-4⅙	278
Panel and Venetian (outside) doors with frames and iron fastenings &c Complete	2	3-11		8-5	66	66

(Measurements for doors and windows are taken according to the rules—Appendix G. of Standard Specification)

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Venetian windows with frames and iron fastenings &c Complete Crime and General department,	16	3-11	—	5-5	339	339
Panel door with glazed tops frames, iron fastenings &c Complete (Inner doors)	6	3-11		11-0½	259-5½	259
Crime and General dept- Panel and Venetian outer doors with glazed top frames and iron fastenings &c Complete	2	3-11	—	11-0½	86½	87
Ventilators with Swing Shutters over side pivots including frames &c Complete	28	2-6	—	1-0	70	70
Filling in basement						
Verandah around side rooms	2	97	7-6	1-6	2182½	
Verandah in front	1	37-6	7-6	1-1	421⅞	
Do in rear	1	36-1	7-6	1-6	410⅝	
Side rooms	2	19-6	17-6	1-6	1023¾	
Do Do	2	17-6	17-6	1-6	918¾	
Head Quarter Inspectors room	1	17-6	17-6	1-6	459⅜	
Crime and General department	1	27-6	17-6	1-6	721⅞	
Space-between main and side rooms	1	35-0	7-6	1-6	393¾	
Do Do	1	72-6	7-0	1-6	761¼	
Staircase room	1	7-6	3-9	1-6	42	
Do — Do —	1	12-3	4-0	1-6	73½	
Do — Do —	1	7-6	3-6	1-6	39⅜	
		Total Cft			7448⅝	7449

5

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Flooring with Cuddapah slab over a bed of Concrete 3" in thickness						
Verandah around side rooms	2	97-6	"	8-0	1560	
— Do — in front	1	38-0	"	8-0	304	
— Do — in rear	1	37-0	"	8-0	296	
Side rooms	2	20-0	"	18-0	720	
Do — Do and Head Quarters Inspectors room	3	18-0	"	18-0	972	
Crime and General Dept. room	1	28-0	"	18-0	504	
Space between main and side rooms	2	18-0	"	8-0	288	
Do — Do —	1	74-0	"	7-6	555	
Staircase room	1	8-0	"	3-9	30	
Do — Do	1	14-9	"	4-3	63	
Do — Do	1	8-0	"	3-9	30	
Archways.	28	7-0	"	1-6	294	
Do Do Do	4	6-0	"	1-6	36	
Do Do	11	6-0	"	2-0	132	
Do — Do	4	6-6	"	2-0	52	
Doorways	2	4-6	"	1-6	14	
recess of windows	16	4-6	"	0-9	54	
Doorways	16	4-6	—	2-0	144	
		Total Sq ft			6048	6048

P. S. O

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Plastering with two coats of Chunam (Inside)						
Side rooms	2	76-0	"	15-3	2318	
Do & Head Quarter Inspectors Room	3	72-0	"	15-3	3294	
Crime and General Dept. room	1	92-0	"	15-3	1403	
Space between Head Quarter Inspectors room and Side rooms	2	52-0	"	11-3	1170	
Do between Crime & side rooms	1	193-0	"	15-3	2943	
Stair Case room above	1	23-6	"	7-9	182	
Do Do	1	15-6	"	7-6	116	
Cross wall of Do room	1	8-0	"	7-0	56	
Side walls of Do Do	1	14-3	"	15-0	214	
Do Do	1	14-3	"	14-6	207	
Do Stairs sides & top	1	36-0	"	6-0	216	
Parapet walls of Steps top and bottom &c average	1	44-0	"	4-6	198	
Sides and Soffits of doors	2	22-6	"	1-6	68	
Do Do	8	22-6	"	2-0	360	
Do in Stair Case room	1	16-0	"	2-0	32	
Door in Stair Case room	16	16-6	"	2-0	528	
Windows	16	4-6	"	0-9	54	
Sills of Windows	2	22-0	"	1-6	66	
Archways	2	22-0	"	2-0	88	
Do Do	7	28-0	"	2-0	392	
Do Do	8	25-0	"	2-0	400	
Door in Crime and General Dept rooms	1	29-0	"	2-0	58	
Archways in Stair case room	18	6-0	"	1-6	162	
Sills of Ventilators	10	6-0	"	2-0	120	
Do		Total			14645	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Plastering inside (Brought forward)					14645	
Deduct for—						
Doors	18	4-6	"	9-0	729	
Windows	16	4-6	"	6-0	432	
Archways	4	49-4½	Area	—	197	
Do Do	10	68-10½	do	—	689	
Do in Stair case room	1	92-6	do		93	
Doors in do do	2	3-0	"	6-6	39	
Doors in Crime & General Dept rooms	14	48-0	Area	"	672	
Ventilators	28	3-0	"	1-6	126	
		Total			2977	
Total Plastering less deductions	—	—	—	—	—	11668 Sft
Printing						
Plastering with Chunam (outside)						
Basement all round	1	365-0	"	2-0	730	
Top of Steps	2	21-6	"	4-0	172	
Ends of Steps	4	10-0	"	0-6	20	
outside of Verandah wall 12 ft high	1	299-6	"	12-0	3594	
Do Do Do 16 ft high	1	61-6	"	16-0	984	
Inside of Verandah in front	1	92-0	"	11-3	1035	
Do — Do — in rear	1	90-0	"	15-3	1373	
Do — Do around side rooms	2	211-0	"	11-3	4748	
Walls of Side rooms above Verandah terrace	2	103-3	"	4-0	826	
Do Do Head Quarters Inspectors room	1	62-0	"	4-0	248	
Binding walls sides and tops	2	18-0	"	3-6	126	
		Carried Out			13856	

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					13856	
Parapet walls of Verandah sides and top	1	293-6	—	3-6	1027	
Do other side rooms	1	177-6	—	3-6	621	
Do Do - Head Quarter Inspectors room	1	59-0	—	3-6	207	
Archways (7ft span)	28	22-9	—	1-6	956	
Do (6ft do)	2	22-0	—	1-6	66	
Do Do	2	28-0	—	2-0	112	
Do (6½ do)	4	29-0	—	2-0	232	
Total					17077	
Deduct for segmental spaces	56	56-7	Area	—	3168	
Do — Do 6ft span	6	49-4½	do	—	296	
Do — Do —	6	68-10½	do		413	
Do — Do —	8	74-0	do	—	592	
Do Windows	16	4-1	"	6-0	432	
Do for Ventilators	28	3-0	—	1-6	126	
Total deductions Sqft					5027	
Total painting Sqft						12050
Painting doors, windows and with 3 coats of Charltons Silicate paint						
Panel doors in side and Head Quarter Inspectors room	8	4-6	Times 2¼	9-0	729	
Do in stair case room	1	3-0	2¼	6-6	44	
Panel and Venetian doors Head Quarter Inspectors room	2	4-6	2¾	9-0	222	
Carried Out					995	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					995	
Painting Continued — Venetian windows inside rooms	16	4-6	Times 3	6-0	1296	10
Panel door with glazed top crime and General Dept. room	6	4-6	2¼	10-6	638	
Paneb and Venetian doors with glazed top Do Do	2	4-6	3	10-6	284	
Ventilators	28	3-0	2¼	1-6	284	
Total painting Sqft					3497	3497
Painting wood work with 3 Coats of Zinc white paint — Beams	7	18-0	"	3-7	452	
joists in side rooms	26	36-4	-	1-3	1181	
— Do — Head Quarter Inspectors room	13	18-0	-	1-3	293	
— Do — Crime and General Dept. room	13	26-4	-	1-3	428	
Beams at angles	4	11-0	-	1-11	84	
joists at angles	8	24-0	-	1-3	240	
do — Verandah	184	8-0	-	1-3	1840	
Do Do	53	7-6	—	1-3	497	
Do Stair Case room	6	3-9	—	0-11	21	
do for steps in do-do	3	9-0	—	1-6	41	
Do — Do —	3	14-6	-	1-10	80	
Total painting Sqft					5157	5157
Teak wood Punkahs 10 ft long with brown Holland fringes & Complete —					No.	5

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7

8.

Upper Floor

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Superintendent's Room						
Main wall all round	1	102-0	1-6	16-0	2448	
Verandah walls	1	195-0	1-6	12-0	3510	
Parapet wall over main and Verandah walls	1	297-0	1-6	1-0	446	
String Course to archways	1	39-6	0-3	0-9	7	
			Total		6411	
Deduct for doors	4	4-6	1-6	9-0	243	
Do — do Windows	6	4-6	1-6	6-0	243	
Do do Outside	8	4-6	1-6	5-3	284	
Do — Door Small	1	3-0	1-6	7-0	32	
Do — arch work over doors and windows	10	6-0	1-6	1-0	90	
Do — do over Small door	1	4-6	1-6	1-0	7	
Do do — over outside windows	8	9-6	1-6	1-0	114	
Do for recess of windows	14	4-6	0-9	3-0	142	
Archways 6 ft Span	6	6-0	1-6	5-6	297	
Do do Segmental portion	6	16-½	Area		98	
do 7 ft span	4	7-0	1-6	5-0	210	
Do Segmental portion	4	21-7	Area		87	
Arch work 7 ft span	4	13-3	1-6	1-0	80	
Do — do 6 ft span	6	11-0	1-6	1-0	99	
Do Ventilators	10	3-0	1-6	1-6	68	
Do Lintels over ventilators	10	4-0	1-6	0-6	30	
			Total	deductions Cft	2124	
Total do Course rubble in Chunam						
				less deductions Cft		4287

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Archwork over doors and windows cft to						91
Segmental archwork as per above deductions cft						293
Cornice work coursed rubble Stone	1	301-0	0-6	0-9	112-10½	
Total cft						113
Dressed Stone work						
Lintel Stone over Ventilators	10	4-0	1-6	0-6	30	
Slabs under beams	4	1-6	1-6	0-4	3	
Vertical rails for Verandah	44	0-9	0-6	1-10	30	
Horigontal rails at bottom	1	79-0	0-9	0-11	54	
Do Do at top	1	79-0	0-9	0-5	25	
Total cft					142	142
Teakwood wrought and partly						
Beams	2	21-6	0-10½	1-6	56-5-3	
Do in Verandah	3	9-6	0-6	0-7	8-3-9	
Joists in main room	14	31-0	0-3	0-6	54-3-0	
Do in Stair case room	68	9-6	0-3	0-6	80-9-0	
Do — Do	26	10-0	0-3	0-6	32-6-0	
Total cft					232	232
Terraceing						
Main room	1	80-0	"	20-0	600	
Verandah	1	100-0	—	9-0	900	
Do Do in rear	1	39-0		9-6	371	
Total Lgfft					1871	1871
Cuddapah slabs for cornice						
Verandah all round	1	207-0	"	2-9	569	
Do main building	1	130-0	"	2-9	358	
						927

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
						12
Teak panel and Venetian doors with frames iron fastenings &c complete	3	3-11	"	8-5	99	99
Panel door with frames iron fastenings &c Complete	1	2-5½	—	6-5½	16	
Do Do	1	3-11	—	8-5	33	
Total					49	49
Venetian windows with frames iron fastenings &c Complete	6	3-11	"	5-5	127	127
Venetian windows with glazed top (outside) frames, iron fastenings &c Complete	6	3-11	"	5-5	127	127
Glazed windows with frames iron fastenings &c Complete	2	3-11	"	5-5	42	42
Ventilators with Swing Shutters one side pivots including frames &c Complete	10	2-6	"	1-0	25	25
Plastering interior with 2 Coats of Chunam						
Main room	1	96-0	—	15-3	1464	
Verandah room	1	54-0	—	11-3	608	
Do Stair case	1	49-0	—	11-3	551	
Sides and Soffits of doors	4	22-6	—	1-6	135	
Do Do Small	1	17-0	—	1-6	26	
Do Do windows	6	16-6	—	1-6	149	
Carried Over					2933	

P. W. D. Form, No. M. 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					2933	
Do Do with glazed top	5	15-0	"	1-6	113	
Sills of windows	11	4-6	"	0-9	37	
Sides and Sills of Ventilators	10	6-0	"	1-6	90	
		To tab			3173	
Deduct for doors (sides)	5	4-6	-	9-0	203	
Do Do Small	1	3-0	-	7-0	21	
Do Do for windows	8	4-6	-	6-0	216	
Do Do with glazed head	5	4-6	"	5-3	118	
		To tab			558	
To tab plastering less deductions Sqft						2615
Painting Plastering with chunam (outside)						
Main building outside						
above Verandah Terrace	1	108-0		4-0	432	
Verandah sides and rear	1	204-0	"	11-3	2295	
Do Do outside	1	185-0	"	12-0	2220	
Sides and Soffits of windows	3	15-0	"	1-6	68	
Sills of windows	3	4-6	"	0-9	10	
Archways 6ft Span	6	22-0	"	1-6	198	
Do Do 7ft Span	7	22-9	"	1-6	239	
Parapet walls, sides and top	1	297-0	"	3-6	1040	
		To tab			6502	
deduct for Window, sides	11	4-6	-	Average 5-3	260	
Archways 7ft Span	8	56-7	Area	-	453	
Do Do 6ft Span	12	49½	Area	-	592	
		To tab	Deductions	Sqft	1305	
To tab painting less	Deductions			Sqft		5197

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Painting doors and windows with 3 Coats of Charlton Silicate paint						
			Times			
Panel and Venetian doors	3	4-6	2 3/4	9-0	834	
Panel door	1	4-6	2 1/4	9-0	91	
Do - Do Small	1	3-0	2 1/4	7-0	47	
Venetian windows	6	4-6	3 1/4	6-0	527	
Do Do with glazed top	6	4-6	3 1/4	6-0	527	
Glazed windows	2	4-6	2 1/4	6-0	122	
Ventilators	10	3-0	2 1/4	1-6	101	
To tab painting Sqft					1749	1749.
Painting wood work with 3 Coats of Zinc white paint						
Beams	2	19-0	"	3-10½	147	
Do in Verandah	3	8-0	"	1-8	40	
Joists in Main room	14	27-3	"	1-3	477	
Do in Verandah and Stair Case room	68	8-0	"	1-3	680	
Do in rear Verandah	26	8-6	"	1-3	276	
To tab painting					1620 Sqft	1620.
Teak wood Punkahs, 10ft long each, with brown Holland fringes, brass wheels, hooks and other fittings including Suspenders and pulling ropes &c Complete						No 2

P. T. O

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Rattan matting 1st Sort to Superintendents room	1	29-0	"	19-0	551	
Sills of Windows	6	4-6	"	0-9	20¼	
Sills of doors	4	4-6	"	0-11	16½	
		Total Sqft			587¾	588

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
22	4	5	5	5	6	6
Out buildings.						
Constructing store room & school house to be attached to Police Head Quarter Office at Anantapur.						14
Excavating foundation						
Front & rear wall	2	69¼	3½	4	1939	
End & cross walls	4	17	3½	4	952	
Verandah walls	1	63¾	3	4	765	
Verandah partition wall	1	6	3	4	72	
Steps large	2	7	2¼	1	32	
Do small	2	4	2¼	1	20	3780
Total cft					4291	4291
Concrete Stone in Chunam						
Front & rear wall	2	69¼	3½	2	969	
End & Cross walls	4	17	3½	2	476	
Verandah wall	1	63¾	3	2	383	
Do partition wall	1	6	3	2	36	
Steps large	2	7	2¾	1	39	
Do small	2	4	2¾	1	22	1925
Total cft					2189	2189
C.R. Stone in mud 2d sort for foundation						
Front & rear walls	2	68¼	2½	2	682	
End & Cross walls	4	18	2½	2	360	
Verandah wall	1	63¾	2	2	255	
Do partition wall	1	6	2	2	24	1321
Total cft					1511	1511

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
C.R. Stone in Chunam for Basement.						
Front & rear wall	2	67 3/4	2	2	542	
End & cross wall	4	18½	2	2	296	
Verandah wall front	1	65¼	1½	2	196	
Do partition wall	1	6	1½	2	18	
Steps large	2	7	3	1	42	
Do - small	2	4	3	1	24	
Total cft					1118	1118
C.R. Stone in Chunam 1st cost						
Superstructure		67 1/4				
Front & rear wall	2	67¼	1½	13	2623	
End & cross wall	4	19	1½	13	1482	
Gables over cross wall	2	19	1½	3½	200	
Verandah partition wall	1	6	1½	10½	95	4400
Total cft						5240
Deduction						
Doors	5	4	1½	7	210	
Windows	5	3	1½	4	90	
Flat archwork over doors	5	5	1½	1½	56	
Do - over windows	5	3¾	1½	1½	41	
Total cft					397	4003
Total cft Superstructure less deduction						4702
Flat arch work as per deduction cft						97
Plastering with chunam 2 coats - inside.						
School house		92	"	13		
Centre store room		72½	"	13	3075	
End store room		72	"	13		
C. arr						

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B. Over					3075	
Arm Room						
Side & Soffits of doors	5	18	"	1/2	240	
— Do — Windows	5	14	"	1/2	266	
Gables Over cross walls	4	19	"	3½	399	
Total Sft					4464	
Deductions					3581	
Doors	5	4	"	7	140	
Windows	5	4	"	7	168	
	5	3	"	4	60	
Total Sft Deductions					72	
— Do — plastering 2 coats less deductions					340	33.81
Pointing with Chunam. Inside					3381	42.24
Front & Rear walls.	2	67 1/4	"	13	1748	
End walls.	2	22	"	13	572	
Gables Over — do —	1	22	"	4	88	
Verandah partition wall.	2×1	6	"	10½	126	
End of partition wall.	1	1½	"	7	11	
Basement all round.		203 1/2	"	2	407	
Side End of Steps.	8	3	"	1	24	
Square feet.					2268	2888
Deductions						
For Doors	4	4	"	7	112	
Windows —	5	3	"	4	60	
Spaces of partition wall.	1	1½	"	13	20	
Total Sft Deductions					192	
Total Pointing with Chunam less deductions					2784	2696.
					3036.	30.36

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Jungle						
Ceiling board of ~~Pinewood~~ ½" Thick ~~from Bicondoa & Brondoa as per~~						
details for Roofing for School only.						
For School house.	2	23	17	"	782	
—— Do ——	1	11/2	17	"	187	969
Total Sft Ceiling Board					~~876~~ 8.76	~~969~~
Painting Ceiling with 2 coats of Peacock Blue.						
As per details of ceiling Sft					~~876~~ 8.76	~~969~~
Varnishing top of ceiling boards 2 coats						
As per above for ceiling sft					~~876~~ 8.76	~~969~~
Teakwood Panelled doors & windows						
Doors	5	4	"	7	140	
Windows	8	3	"	4	72	
Total sft teakwood doors					~~240~~ 200	240
Silicate paint.						
Painting with 2 coats of ~~Chocolate~~ Paint						
Doors.	5	2x6	4	" 7	280	
Windows.	3	2x6	3	" 4	120	
Total sft Painting with ~~Chocolate~~ Silicate 2 coats					~~480~~ 400	4.80
Sun Shades of teakwood including ~~Chocolate~~ Silicate Paint —— No 5						
Filling Basement.						
School house.	1	26½	18½	1½	735	
Centre Store Room.	1	16¾	18½	1½	465	
End —— Do ——	1	16½	18½	1½	458	
Front Verandah	1	32¾	4¼	1½	209	
Verandah on left	1	21	4¼	1½	134	
~~Store Room~~	1	18½	7½	1½	208	
Total cft Earthwork filling Basement					~~2209~~ 2001	2.001 ~~2.20~~

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Mangalore tile roofing with teak rafters each tile to be screwed down.						
Front & Rear.	2	~~10¼ + 46 = 78¼ + 24 3/4~~		17	~~2264~~ 1989	
Ends	2	22+6 2		17	374	
Verandah in front.	1	24 2	"	7	208	
—— Do —— at End.	1	22 28	"	7	154 196	27.53 ~~27.72~~
Total Sft Mangalore tiled roofing					~~3069~~ 2770	30.69
Teak wood wrought & Dressed.						
A. Trusses.						
Principal rafters	8	12¼	4"	6"	16.33	
Tie - Beams.	4	22	4"	7"	17.11	
Struts	8	5 3/4	4"	4"	5.11	
King Posts	4	7 47	4"	4½	3.50 8.30	
Ridge pieces.	1	55	3"	9"	10.30	
Purlins	2	66½ 76	5"	5"	23.08 26.4 30.01	
Pole plates	2	96 89	5"	5"	33.40 31.00	
Verandah Pillars	7	9½	5"	5"	11.5	
Bressummers & Scarf pieces	4	67½	5"	6"	14.06	130.57 ~~127.55~~
Verandah rafters long	1	29	4"	6"	4.03	
—— Do —— short.	3	19	4"	5"	7.91	
Common rafters for front and rear roof 2¼ Centre to centre	2x22 2x26	17	3"	4½"	70.01 82.90	
Jack rafters in front & Rear.	32	8½	3"	4½"	25.50	
Common rafters for Verandah	24	7	3"	4½"	15.75	
Jack for above	6	3½	3"	4½"	1.97	
Total cft Teak wrought & Dressed.					275.77	275.77

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Flooring with Cuddapah Slabs on 3" Concrete						
School house.	1	26½	18½	"	490	
Centre Room.	1	16¾	18½	"	310	
End — do —	1	16½	18½	"	305	
Front Verandah.	1	32¾	4¼	"	139	
Verandah on right	1	21	4¼	"	89	
Armo Room.	1	18½	7½	"	139	
Total Sft. flooring with Cuddapah Slabs.					1333	13·33
					1472	14·72
						40·60
Wood oiling 2 coats. ~~Deduct Sft.~~						~~Deduct Sft.~~

Exec. Engineer

246

Estimate for constructing Armourer's shop to be attached to the Police Head Quarter Office at Anantapur. 14

[P. W. D. Code, Edition of 1886. Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Excavating foundation.						
All round	1	72	3½	4	1008	
Cross wall	1	13	3¼	3	127	
To ramp all round	1	96	4	⅜	144	
Total Cft. earthwork					1279	1·27
Concrete stone in chunam-foundation.						
Wall all round	1	72	3½	2	504	
Cross wall	1	13	3¼	2	85	
Ramp all round	1	96	4	¾	288	
Total Cft. concrete stone in chunam-					877	8·77
Coursed rubble stone in mud Cft. work						
For foundation						
Wall all round	1	72	2½	2	360	
Cross wall	1	14	2¼	2	63	
Total Cft. coursed rubble stone in mud Cft. work.					423	4·23

16,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Coursed rubble stone in chunam 1st sort.						
Basement.						
Wall all round	1	72	2	1½	216	
Cross wall	1	14½	1¾	1½	38	
Total cft. coursed rubble in chunam 1st sort					254	2.54
Superstructure						
Wall all round	1	72	1½	15	1620	
Cross wall including gable over it	1	15	1¼	17½	328	
Gables at ends	2	15	1½	2½	112	
Wall over gables at ends	2	22	1	1	44	
Chimney above wall	1	2½	1½	10	38	
Total					2142	
Deduction						
Doors	1	4	1¼	7½	38	
	2	4	1½	7½	90	
Window	1	4	1½	5	30	
Flat arch over doors in Outer wall	1	5	1½	1½	11	
Do doors in over cross wall	1	5	1¼	1½	9	
Do Over window	1	5	1½	1½	11	
Total cft. deduction					151 144	
Total cft. of rubble stone in chunam 1st sort less deduction					1991 8	19.91 8
Flat Arch work						
As per deductions.				cft.	31	.31

[P. W. D. Code, Edition of 1886. Paras 921, 931.]

15

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Plastering in chunam 2 coats.						
Main room	1	53½	15		803	
Drying room	1	40	15		600	
Gable at ends	2	15	2½		75	
Do over cross wall	2	15	2½		75	
Wall over the end gables	2	22	3		132	
Sides and soffits of Doors	1	1½	19		29	
Do Do Do	1	1¼	19		24	
Do soffits & sill of window	1	1½	18		27	
Sof of ramp all round	1	96	4		384	
Total					2149	
Deduction						
Doors	3	4	7½		90	
Window	1	4	5		20	
Total deduction					110	
Total plastering less deduction					2039	20.39
Pointing with chunam.						
Walls all round	1	78	14		1092	
Gable at ends	2	15	3		90	
Chimney above wall	1	8	70		80	
Basement all round	0	80	0	¾	60	
					1322	
Deduction.						
Door	1	4	7½		30	
Window	1	4	5		20	
Total deduction					50	
Total pointing less deduction					1272	12.72

10,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Cornice work.						
Round the building	1	82			82	
Total				Rft	82	82
Teakwood wrought and put up.						
Common rafters	2X10	10½	3"	4½"	19.68	
Ridge piece	1	21	3"	8"	3.50	
~~Collar pieces~~ Purlins	10	10	2	3	4.16	
	2	24	4"	6"	7.00	
Wall plates	2	21	3	4	3.50	
					~~33.68~~	~~33.68~~
Total Sqft.					~~27.34~~	~~27.34~~
Roofing with Mangalore tiles and reepers						
For front and rear	2	21	11		462	
Total Sqft.					462	4.62
Teakwood doors.						
Doors batten	2	4	7½		60	
Total Sqft. of batten door teak wood						60
Windows glazed & iron barred.						
Windows	1	4	5		20	
Total					20	20
Filling in basement						
Main room	1	11¼	14½	1½	245	
Drying room	1	14½	4½	1½	98	
Total Cft. filling in Basement					343	.34
Flooring with Cuddapah slabs on 3" concrete.						
Main room	1	11¼	14½		163	
Drying room	1	14½	4½		65	
Total Sqft. flooring					228	2.28
Painting doors - ~~Chocolate~~ with Silicate	2	4	7½		60	60

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

16

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Estimate for constructing Latrine for Police Head Quarter Office at Arantaipur.						
Excavating foundation						
Latrine wall all round	1	99	3	3	891	
Total Cft. excavating foundation					891	.89
Concrete stone in chanam - foundation.						
Wall all round	1	99	3	1	297	
Total Cft. concrete foundation					297	2.97
Coursed rubble stone in mud 2nd sorb.						
Foundation						
Walls all round	1	98	2	2	392	
Total Cft. foundation					392	3.92
Coursed rubble stone in chunam 1st sorb.						
Superstructure.						
Walls all round	1	97½	1½	5½	804	
Total Cft. superstructure					804	8.04
Pointing with chunam.						
Walls all round both sides	1	99	9		891	
Total Sqft. pointing					891	8.91
Plastering coping	1	97½	4		390	
Total Sqft. plastering					390	3.90
Gravelling flooring and ramming						
Latrine	1	24	18	6"	216	
Passage	1	4	1½	6"	3	
Do.	1	6	4	6"	12	
Total					231	2.31

10,000—25-9-90.

14/10/93.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7

Head Quarters Office

at Rangoon

1892
Jun C Dept.
Enclos. No. 6
To
C. No. 3260

ESTIMATE FORM.—Abstract.

Main Building

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
15,130 Cft	Excavation for foundation	3-12-0	100 Cft	57	
7,726 do	Concrete stone in Chunam	12-8-0	100 Cft	966	
4,945 do	Coursed rubble stone in Chunam 2nd Sort for foundation	14-0-0	do	692	
4,271 do	Coursed rubble stone in Chunam 1st Sort for basement	20-0-0	do	854	
15,033 do	Do — Do for Superstructure	23-8-0	do	3533	
258 do	Archwork over doors & windows	25-0-0	do	65	
1,190 do	Segmental archwork	28-0-0	do	333	
190 do	Brick in Mortar for Staircase	26-0-0	do	49	
208 Cft	Cornice work Coursed rubble Stone	24-8-0	do	51	
108½ Cft	Dressed Stone work in Imitation under beams	0-12-0	Cft	81	
1845 Sqft	Cuddapah Slabs for cornice including fixing and pointing with Cement	24-8-0	100 Sqft	452	
732 Cft	Teak wood wrought and put up	4-8-0	Cft	3294	
4447 Sqft	Terracing with brick on edge Jelly 3" thick, 3 Courses of flat tiles and 3 Coats of plastering on top and Ceiling	30-0-0	100 Sqft	1334	
1652 Sqft	Terraced flooring with brick on edge Jelly 3" thick, 1 Course of flat tile and 3 Coats of plastering at Ceilings and ½" thick Portland Cement plaster at top	28-0-0	do	463	
			Carried over	12224	

Grand Total of Estimate ..

STATION.....

Dated.....189

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
	B-7	Rs.		Rs. 12224	Rs
278 Sqft.	Teak wood panel doors with frames, hinges, hooks and other iron fastenings &c Complete.	1-20	Sqft	313	
66-do-	Teak wood panel and venetian doors with frames, hinges, hooks and other iron fastenings &c Complete.	1-80	-do-	99	
339-do	Teak wood venetian windows with frames, hinges, hooks and iron fastenings &c Complete	1-80	-do-	509	
259-do-	Teak wood panel door with glazed top, frames, hinges, hooks and other iron fastenings &c Complete	1-20	do	291	
87-do-	Teak wood panel and venetian doors with glazed top, frames, hinges, hooks, and other iron fastenings &c complete.	1-80	do	131	
70-do-	Teak wood ventilators with Swing Shutters one side pivots including frames &c Complete	1-20	-do-	77	
7449-C ft	Filling in basement	2-00	1000 cft	15	
6048 Sqft	Flooring with Cuddapah slabs over a bed of Concrete 3" thick	16-4-0	100 Sqft	983	
			C.O	14644	
			Grand Total of Estimate ..		

Station_____

Dated_____189 .

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

3.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	B-7			14644	
11,668 Sqft	Plastering with 2 coats of Chunam, inside	3-8-0	100 Sqft	408	
12050-do-	Painting with Chunam, outside	1-8-0	-Do-	181	
3497-do-	Painting doors and windows with 3 coats of oil paint.	3-0-0	-Do-	105	
5157-do-	Painting wood work with 3 Coats of Zinc white paint	3-9-0	-Do-	184	
5 Nos	Teak wood punkahs, 10 ft long with brown Holland fringes brass wheels, hooks and other fittings including suspenders and pulling rope complete.	20-0	Each	100	
				15622	15620
	Petty Supervision	"	"	397	
	Contingencies	"	"	736	
					16,755
	Upper Story				
4287 cft	Coursed rubble in chunam 1st Sort	2480	100 cft	1050	
97-do-	Archwork over doors and windows	2600	-Do-	25	
				1075	16755
	Carried over				

Grand Total of Estimate .. 15620

Station

Dated 189

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
	B. F	Rs.		Rs. 1075	Rs. 15620 16755
293 cft	Segmental arch work	29-0-0	100 cft	85	
142 cft	Dressed Stone work	1-00	cft	142	
113 cft	Cornice work coursed Rubble Stone	25-8-0	100 cft	29	
927 sqft	Cud & pak slab for Cornice in chasing fixing and pointing with Cement.	24-8-0	100 sqft	227	
237 cft	Teak wood wrought and put up	4-8-0	cft	1051	
1871 sq ft	Terracing with brick on edge Jelly 3" thick, 3 course of flak tiles and 3 coats of plastering on top and ceiling.	32-0-0	100 sqft	599	
99 do-	Teak wood paneb and venetian doors with frames, hinges hooks and other iron fastenings &c Complete	1-8-0	Sqft	149	
49 do-	Teak wood panel door with frames, hinges, hooks and other iron fastenings &c Complete	1-2-0	do	55	
127 do-	Teak wood Venetian ~~doors~~ windows with frames, hinges, hooks and other iron fastenings &c Complete	1-8-0	do-	191	
	C. O			3603	16755
			Grand Total of Estimate ..		15620

Station_____

Dated_____189 .

Executive Engineer

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
1	1231 B.F	6		3603	16,755
127 Sqrft	Teak wood Venetian windows with glazed top, frames, hinges, hooks and other iron fastenings &c Complete	1-8-0	Sqrft	191	
42 Do.	Teak wood glazed windows with frames, hinges, hooks and other iron fastenings &c Complete	1-2-0	Do.	47	
25 Do.	Teak wood ventilators with swing shutters one side pivots	1-2-0	Do.	28	
2615 Do.	Plastering with 2 coats of Chunam inside	3-8-0	10/20	92	
5197 Do.	Pointing with Chunam outside	1-8-0	Do.	78	
1749 Do.	Painting doors and windows with 3 coats of Charlton's Silicate paint	3-1-0	Do.	52	
1620 Do.	Painting wood work with 3 coats of Zinc white paint	3-9-0	Do.	68	
588 Sqft	Rattan matting 1st Sort to Superintendent's room	16-0	100 Sqft	94	
2 Nos	Teak wood Punkahs 10 ft long with brown Holland fringes, brass wheels, hooks and other fastenings including Suspensers & pulling ropes &c Complete.	20-0	Each	40	
				4283	16755
				Grand Total of Estimate ..	15620

Station—

Dated—189 .

Executive Engineer.

P. W. D. Form,
No. M 207.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head--

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward	-	-	4283	15820 16755
	Petty Supervision	-	-	~~107~~	
	Contingencies	-	-	~~195~~	
					4283 4,685
					21340
					19903

To be carried forward

Grand Total of Estimate .. 19903 21340

STATION

Dated 4th September 1894.

Henry Irwin
Consulting Architect
~~Executive Engineer.~~
to Government

P. W. D. Form,
No. M 207.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head— Provincial

Budget Head— Civil Buildings

Departmental Head— Original Works

Main Head— } Police
Sub-Head— }

Project of which
the work forms part—

Section—

Name of Work— Constructing the Police office at Avanâpur

Amount of Estimate, Rs.— 21,340

To be carried out by— P. W. D.

REFERENCES.

Dws 5-3
Awapur
15-13/55

Ind
6
5129

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
	B. F. Store room & school house attached.	RS.		RS.	19903 RS.
3780	Cft. Excavating foundation	3.12.-	1000 Cft	14	
1925	Cft. Concrete Stone in Chunam	12.8.-	100 Cft	244	
1118	Cft. Coursed rubble stone in Chunam 2nd sort for foundation and basement for School house &c	14.-	Do	157	
4003	Cft. Coursed rubble stone in Chunam 1st sort for ~~basement~~ superstructure	20.-	Do	801	
0.97	Cft. Flat arch work	25.-	Do	24	
2755	Sft. Roofing with Mangalore tiles including teak reepers	27.-	100 Sft	744	
9.69	Sft. Jungle wood ceiling board ½" thick	12.-	Do	116	
33.81	Sft. Plastering 2 coats with Chunam	3.8.-	Do	118	
26.96	Sft. Pointing with Chunam	1.8.-	Do	40	
130.6	Cft. Teakwood wrought & put up	4.8.-	Cft.	588	
125.17	Cft. Venteak wrought & put up	3.-.-	Cft.	376	
200	Sft. Teakwood panelled doors and windows	1.2.-	Sft.	225	
420	Sft. Painting with silicate paint 3 coats for doors and windows	3.-.-	100 Sft	12	
	C-O				19903
	Grand Total of Estimate ..				

STATION _____

Dated _____ 189 .

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
	B. Fr.	Rs.		Rs.	Rs. 19903
9.69	Sft. Painting with peacock blue underneath ceiling	2--	100 Sft.	19	
9.69	Sft. Tarring top of Ceiling	1-4--	Sft.	12	
40.00	Sft. Wood oiling two Coats	1-8--	100 Sft.	60	
2.00	Cft. Filling basement	2--	100 Cft.	4	
13.33	Sft. Flooring with Cuddapah Slabs on 3" concrete	16-4--	100 Sft.	217	
13.25	Cft. Coursed rubble stone in mud 2nd sort for foundation	12--	100 Cft.	159	
5	Nos. Sunshades	15--	Each	75	
				Total Rupees	4002
	Petty supervision				140
	Contingencies				203
					4345
				C.O.	23905
				Grand Total of Estimate ..	

Station _____

Dated _____ 189 .

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
	Armourer's Shop. B. F.	Rs.		Rs.	23905 Rs.
1.27	Cft. Excavating foundation	3·12·--	1000 Cft.	5	
8.77	Cft. Concrete stone in Chunam	12-8--	100 Cft.	110	
2.574	Cft. Coursed rubble stone in Chunam 2nd sort for foundation and basement for School house &c.	14----	Do.	35	
19.98	Cft. Coursed rubble stone in Chunam 1st sort for basement	20----	Do.	400	
0.31	Cft. Flat arch work	25----	Do.	8	
4.62	Sft. Roofing with Mangalore tiles including teakrafters	27----	100 Sft.	125	
20.39	Sft. Plastering 2 coats with Chunam	3·8----	Do.	71	
12.72	Sft. Pointing with Chunam	1·8----	Do.	19	
33.68	Cft. Venteak wrought & putup	3----	Cft.	121	
60	Sft. Batten shutters	1----	Sft.	60	
60	Sft. Painting with Silicate paint 3 coats for doors and windows	3----	100 Sft.	2	
34	Cft. Filling basement	2----	100 Cft.	1	
2.28	Sft. Flooring with Cuddapah slabs on 3" concrete	16·4----	100 Sft.	37	
4.23	Cft. Coursed rubble stone in mud 2nd sort for foundation	12----	100 Cft.	51	
	C. O.				23905
				Grand Total of Estimate ..	

Station _____

Dated _____ 189 .

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

10

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
	B. F.	Rs.		Rs.	Rs. 23905
82	Rft. Cornice work	-4-	Rft.	21	
20	Sft. Glazed and iron barred window	2--	Sft.	40	
	Bellows and its vice, boiler iron glue including fitting and carriage &c			400	
			Total Rupees		1486
	~~Petty supervision~~				~~31~~
	~~Contingencies~~				~~63~~
					~~1580~~
	C - C				25391
	Grand Total of Estimate ..				

29

Station _____

Dated _____ 189 .

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
	Latrine — B. F.	Rs.		Rs.	25391 Rs.
0.89	Cft. Excavating foundation	3.12 --	100 Cft.	3	
2.97	Cft. Concrete Stone in Chunam	12-8 --	100 Cft.	37	
8.04	Cft. Coursed Rubblestone in Chunam 2nd sort for foundation & basement for School house &c. —	14 --	Do	113	
390	Sft. Plastering 2 coats with Chunam —	3-8 --	100 Sft.	14	
8.90	Sft. Pointing with Chunam	1-8 --	Do	13	
3.92	Cft. Coursed rubble stone in mud 2nd sort for foundation —	12 --	100 Cft.	47	
2.31	Cft. Gravelling floor and tamping —	1-12 --	Do	4	231
	~~Total Rupees~~				25622
	Petty supervision				681
	Contingencies				1212
	Compensation for land				285
	Grand Total of Estimate ..				27515 ~~27800~~

30

Station _____

Dated _____ 189 .

Executive Engineer.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

C.A.
37 1,000—21-12-93.

Report and Specification to accompany the plan and estimate for———

Constructing the Police Office and out houses at Anantapur

Amount of Estimate, Rs. 27,800

Reference.—

G. O. No. 708 W dated 13th March 1894

REPORT.

The plans and Estimates provide for Constructing the following buildings.

1. Main building or Superintendents Office Estimate Rupees——— 21,340
2. Store room and School house attached——— Rs——— 4345
3. Armourer's Shop——— Rs——— 1,580
4. Latrines——— Rs——— 250
5. Compensation for land Rs——— 285

Total amount of Estimate Rs 27,800

The main building was revised in this Office in accordance with the G. O. above referred to in Communication with the Inspector General of Police.

The work will be carried out in Strict

strict accordance with the Standard Specification of the P. W. Department.

Henry Irwin

4th September 1894

Consulting Architect to Government

Flooring. The basement floor will be laid with Cuddapah slabs 2" thick on a 4" bed of concrete neatly pointed with asphalte. If Cuddapah slabs are not procurable the floor may be laid with Square bricks. The timbered floors may be plastered with Portland cement 1/2 inch thick, thread lined in 15 inches Squares. The floors of Verandahs will be laid with a fall outwards of one inch to four feet.

Interior and Exterior Finishing. The interior walls will be fine plastered and polished or plastered and whitewashed. Where good bricks or stone is obtainable, the exterior should be pointed. In damp soil the Exterior plinth, and walls inside rooms 3 feet above floor, should be plastered with Portland cement. The beams and joists of main building to be painted with 3 coats white paint and the wood-work of roof of out buildings painted with 3 coats paint or wood-oil. The underside of the ceiling in school to be painted pale green. Doors and windows to be painted with 3 coats oak-paint, the panels & Venetians light oak, and the frames, rails & stiles painted dark oak.

The different kinds of work to be done will be in conformity with the standard specifications of the P. W. Department.

Henry Irwin

Consulting Architect to Govt

Standard design for a District Police office as per type plans A & B signed by the Consulting Architect to Government on 4th September 1896.

Descriptive Specification.

Foundations. A depth of 4 feet is provided in the quantities, but this should be locally settled according to the nature of the soil. The foundations will be entirely of concrete.

Walling. The walls will be carried up in English bond according to the various thicknesses shown on the drawing 2½ bricks & 2 bricks thick. Where stone is easily procurable the walling may be carried up in "hammer dressed" rubble work with cornice and lintels "chisel dressed".

Stonework. Stone slabs should be placed at the bearings of beams. The steps may also be of dressed stone if procurable without great expense.

Woodwork in beams and joists. To be of well seasoned Burma teakwood. The rafters of the outbuildings may be of any other durable wood proof against white ants. Where sound teak beams of the sizes required are not available Rolled steel beams may be used, the strength to be calculated according to instructions given in G.O No 480W dated 1st March 1895.

Doors and Windows. To be of well seasoned Burmah Teakwood. Doors opening into Verandahs will be one-third panel and two-thirds Venetian; inner doors to be panelled throughout. The doors in the Crime and General Department on the basement floor and the Venetian and glazed windows of the outer rooms of the upper storey will have fixed glazed heads. The Ventilators will consist of a glazed shutter to open and shut on side pivots. Where the sun is likely to strike in, it may be necessary to have teak panelled shutters. All doors and windows to be furnished with strong iron hinges, bolts and fastenings for properly securing when the doors or windows are open or closed.

Cornices. In place of usual cornice, Cuddapah or any other similar slabs resting on corbels will be fixed throughout the building. The slabs to be well fitted and the joints neatly pointed with cement.

Roofing. The roof of the main building will consist of "pucca terracing" care being taken that proper slopes are made towards the weep-holes to be made about 2 feet apart in the parapet wall; the rain water will flow over the walls and fall clear of the building.

Roofing with Bangalore tiles. The roofs of the out buildings will be covered with Bangalore tiles over teak rafters. The school room will be ~~ceiled~~ ceiled with planking 1/2" thick overlapping one inch at joints and screwed to the underside of Rafters.

No 837 C dt 5.3.95
" 1261 dt 15.1.95
" 3057 W dt 26.11.94

No. 1862 C

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, 21st May 1895.

OFFICE NOTE.

From W

To C. A to Govt

With reference to para 4 of G.O No: 3057 W dated 28th November 1894, please draw up a descriptive Specification to be circulated with the type plan of a District Police office.

A Proof copy of the plan, and a Schedule of quantities prepared in this office, are forwarded to aid in the preparation of the Specification

W

(48—1,000—11-8-93.)