(1) பக்கங்களின் எண்ணிக்கை -16-

(2) புதுக்கித் திருப்பிய நாள் ஜனவரி 1991.

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

மாதிரி எண்ணிக்கை துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2246.	அச்சகம் பலவகை
நாள் :	31.8.1893.	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண கா-1—18,006—15-6-87.

PUBLIC WOKRS DEPARTMENT, BURMA.

MEMORANDUM OF CONSTRUCTION AND COST OF BRIDGES EXCEEDING 50 FEET IN LENGTH IN BURMA FOR THE YEAR 1892-93.

Executive division.	Name of bridge or of river or nullah and situation.	Date of completion.	Description of bridge.	Kind and depth of foundation.	Number and size of span.	Width of road-way between parapets or railings.	Height of road-way above foundation or river bed.	Total length of bridge.	Total cost.	Cost per 100 feet of length.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
			FIRST CIRCLE.								
Arakan ...	.....	...	*Nil.*		Spans feet.	Feet.	Feet.	Feet.	Rs.	Rs.	
Rangoon ...	.....	...	*Nil.*								
Henzada ...	Mamya chaung bridge.	15th March 1893.	Land piers of three 1 foot diameter posts, main piers of six 15-inch diameter posts, with cut-water, and backing posts also 15-inch diameter, the whole firmly braced with cross bracings 8 inches by 4 inches. Land spans cross-heads 12 inches by 8 inches and 15 inches by 8 inches girders, inner 12 inches by 6 inches outer 12 inches by 4 inches with bolsters of same scantling; planking 3 inches with wheel-guards and hand-rails, the whole of the above of pyingado wood. Central span cross-heads double 5 inches by 8 inches pyingado; bolsters 19 inches by 8 inches teak with two teak queen post trusses, of which rafters are 9 inches by 6 inches, tie-beams 12 inches by 8 inches, queen posts 12 inches by 6 inches, struts 5 inches by 6 inches with iron rods 1 inch diameter. Joists 6 feet by 4 inches are laid over tie-beams of trusses at 2 feet to 6 feet centre to centre and 3 inches pyingado planking with wheel-guards complete central span. The queen post trusses are stayed at each queen post by two of the joists being extended and staying braces bolted to these and queen posts.	Two land piers of three 1 foot diameter pyingado piles, each driven 15 feet into the ground. Two main piers of eight 15 feet diameter piles, each driven 15 feet into the ground.	2 of 25 1 of 60	10	28 above river bed.	116	5,560	47·93	

MEMORANDUM OF CONSTRUCTION AND COST OF BRIDGES EXCEEDING 50 FEET IN LENGTH IN BURMA FOR THE YEAR 1892-93—continued.

Executive division.	Name of bridge or of nullah and situation.	Date of completion.	Description of bridge.	Kind and depth of foundation.	Number and size of span.	Width of road-way between parapets or railings.	Height of road-way above foundation or river bed.	Total length of bridge.	Total cost.	Cost per 100 feet of length.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
					Spans. feet.	Feet.	Feet.	Feet.	Rs.	Rs.	
FIRST CIRCLE—*concluded.*											
Henzada ...	Sayekwin bridge over Duya river.	January 1893.	Six spans of 25 feet pyingado posts 12 inches diameter, cross-heads 12 inches by 8 inches, planking 3 inches.	Pyingado piles 12 inches diameter, driven 6 inches into the ground.	6 of 25	10	7 above river bed.	150	3,180	21·2	
Tharrawaddy	Kala chaung bridge in the town of Shwedaung.	May 1892...	Lattice-girder 7 feet deep	Brick-work on 2½ feet of concrete.	1 of 60	12	24½	68	24,756	364	
Bassein ...	.....	...	*Nil.*								
Construction	.....	...	*Nil.*								
SECOND CIRCLE.											
Thayetmyo, Minbu, Myingyan, North and South Chin Hills.			*Nil.*								
TILIN-GANGAW ROAD.											
Lower Chindwin.	Bridge No. 28 on mile 69 (Thindin chaung).	December 1892.	Sawn pyingado road-way, 4 inches, on Richard's pattern pyin trestle, and centre span of diagonal (roof truss) posts.	Timber posts 6 feet	1 of 13 1 of 14 1 of 28 1 of 7	11	11	70	700	1,000	
	Bridge No. 35 Sein chaung near Semidaw.	March 1892	Sawn pyingado road-way, 4 inches, on Richard's pattern pyin trestle, and centre span of diagonal (roof truss) posts.	Ditto ...	1 of 20 1 of 30 1 of 18	11	21	68	680	1,000	
	Bridge No. 42 (Yènathachaung).	March 1892	Rough eng baulks, 4 inches, on Richard's trestles of pyingado.	Ditto ...	1 of 17 1 of 20 1 of 16	11	10	53	530	1,000	
	Bridge No. 50 ...	March 1892	Rough eng baulks, 4 inches, on Richard's trestles of pyinkado.	Ditto ...	3 of 20	11	13	61	610	1,000	
	Bridge No. 51 ...	March 1892	Rough eng baulks, 4 inches, on Richard's trestles of pyinkado.	Ditto ...	3 of 20	11	14	62	620	1,000	
GANGAW-KAN ROAD.											
	Bridge No. 9 on mile 4, Mapè chaung.	December 1892.	Sawn pyinkado, 4-inch planking, laid on four pyinkado girders, supported on 6 feet corbels, and double cross heads resting on Richard's trestles.	Timber posts 6 feet.	1 of 10 2 of 20 1 of 6	11	19	64	640	1,000	
	Bridge No. 13 (Saw chaung).	May 1892...	Sawn pyinkado, 4-inch planking, laid on four pyinkado girders, supported on 6 feet corbels, and double cross heads resting on Richard's trestles.	Ditto ...	5 of 20 1 of 16	11	17	116⅔	1,165	1,000	
	Bridge No. 27, south of Mingin.	March 1892	Rough eng baulks on Richard's trestles laid unspiked on four girders as above.	Ditto ...	1 of 14 1 of 20 1 of 7	11 11	17 18	116⅔ 56	1,165 560	1,000 1,000	
KAN-CHAUNGKWA ROAD.											
	No. 1 on mile 6, Panni chaung.	December 1892.	Rough eng baulks on Richard's trestles laid unspiked on four girders as above.	Timber posts 6 feet	5 of 20	7	9	103	618	600*	
	No. 5, Wetsi chaung mile 10.	December 1892.	Rough eng baulks on Richard's trestles laid unspiked on four girders as above.	Ditto ...	3 of 20	7	15	63	378	600	
Upper Chindwin.	Bong bridge on mile 17, Kalewa-Fort White road.	...	Wooden bridge, piers of posts, and road-way planking and railing of teak scantlings.	Pile 12 feet ...	2 of 15 3 of 20 5 of 40	10	32	290	6,953	2,397	
	Gaudama bridge, mile 3, Sittaung-Tamu road.	...	Wooden bridge, piers of posts, and road-way planking and railing of teak scantlings.	Ditto ...	2 of 15 3 of 20 1 of 40	10	24	130	3,760	2,893	

* All the bridges on this road are on Richard's type plan for Upper Burma only, reduced to 7 feet width to suit mule-tracks.

MEMORANDUM OF CONSTRUCTION AND COST OF BRIDGES EXCEEDING 50 FEET IN LENGTH FOR THE YEAR 1892-93—continued.

Executive division.	Name of bridge or of nullah and situation.	Date of completion.	Description of bridge.	Kind and depth of foundation.	Number and size of spans.	Width of roadway between parapets or railings.	Height of roadway above foundation or river bed.	Total length of bridge.	Total cost.	Cost per 100 feet of length.	Remarks.
1	2	3	4		6	7	8	9	10	11	12
			THIRD CIRCLE.		Spans feet.	Feet.	Feet.	Feet.	Rs.	Rs.	
Shwebo	Mwede-Pindè ...	1893	Wooden	Foundation 7 feet deep, black cotton soil.	2 of 20 4 of 15	12	7	125	2,000	1,600	At mile 9. This was a 50-feet bridge, but has lately been extended to 100 feet.
	Mindôn bridge No. 2	1893	Wooden	Sandy soil, foundation 7 feet deep filled in with earth and delone and well rammed.	1 of 20 2 of 15	12	11½	65	1,000	1,540	At mile 12.
	Mudaing chaung No. 2.	1893	Wooden	Soil partly sandy, filled in with good earth and delone and well rammed.	2 of 20 2 of 17½	12	12	90	1,800	2,000	At mile 12¾.
	Bodebôk mile 25 ...	1893	Wooden	Ordinary soil ...	5 of 20	12	8¾	115	2,600	2,261	This is also a weir, the piers were raised to form the supports for the bridge that now passes over it.
Katha	Fifty feet on the Mawtelk-Banmauk road.	March 1892.	Timber bridge of the Upper Burma standard design. The bridge consists of four rows of longitudinal girders of 15 and 20 spans, supported on corbels bolted to piles from the piers and abutments. Three inches planking is nailed across the girders. Hand-rails are bolted to side girders to complete bridge.	Piles driven ...	2 of 15 1 of 20	10	8	50	1,250	2,500	
	Ditto		Ditto ...	Ditto ...	Ditto ...	10	8	50	1,250	2,500	
	Chaungzôn road ...	Sept. 1892.	Centre span 84 feet, bearings bolted, girder bridge carried on masonry piers, approaches of timber-work on maximum spans of 18 feet.	Rock with masonry piers 30 feet high.	1 of 84 clear bearings, and two spans either side 16 feet each.	13 clear.	31 above river bed over centre.	144	18,610	12,923	On 89th mile Maymyo-Lashio road.
Mandalay...	.....	...	*Nil.*								
Bhamo ...	.....	...	*Nil.*								
Ruby Mines	.....	...	*Nil.*								

MEMORANDUM OF CONSTRUCTION AND COST OF BRIDGES EXCEEDING 50 FEET IN LENGTH IN BURMA FOR THE YEAR 1892-93—continued.

Executive division.	Name of bridge or of nullah and situation.	Date of completion.	Description of bridge.	Kind and depth of foundation.	Number and size of span.	Width of road-way between parapets or railings.	Height of road-way above foundation or river bed.	Total length of bridge.	Total cost.	Cost per 100 feet of length.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
			FOURTH CIRCLE.		Spans feet.	Feet.	Ft. in.	Ft. in.	Rs.	Rs.	
Amherst ...	Tadanku bridge over the Akwè creek, about 2½ miles from Kawkareik, on the Kyôndo-Kawkareik road. (The term Tadanku means the first crossing).	31st March 1893.	A bow string girder bridge of two central spans and two land spans. The bow string girder span consists of 2-inch planks protected by 1 inch wearing boards laid on joists 5 inches by 7 inches, on longitudinal girders 5 inches by 8 inches, resting on bolsters 6 inches by 9 inches, on cross girders 12 inches by 12 inches, supported on 5 inches W. I. piles screwed into the ground. The centre row of piles is enclosed for protection in a box of 2-inch planks. The land spans consist of 3-inch planks laid on longitudinal girders 8 inches by 12 inches, resting on cross girders 8 inches by 12 inches, supported on 14 inches teakwood piles driven into the ground.	*Nil*	2 of 55 1 of 12½ 1 of 18	10	24 0	140 6	13,604	9,717	
	Kyunaik bridge over the Kyunaik creek, about 7 miles from Theinzeik, on the Martaban-Bilin road, Theinzeik-Bilin section.	31st March 1893.	A bow string girder bridge of one central span and two land spans. The bow string girder span consists of 2-inch planks, protected by 1 inch wearing boards laid on joists 5 inches by 7 inches, on longitudinal girders 5 inches by 8 inches, resting on bolsters 6 inches by 9 inches, on cross girders 8 inches by 12 inches, supported on 14-inch pyingado piles driven into the ground and held together by 4 inches by 8 inches diagonal bracing. The land spans consist of 3-inch planks laid on longitudinal girders 6 inches by 9 inches, resting on bolsters 6 inches by 9 inches, on cross girders 8 inches by 12 inches, supported on 14-inch pyingado piles driven into the ground.	*Nil*	1 of 55 2 of 15	10	22 6	92 4	4,082	4,436	

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MEMORANDUM OF CONSTRUCTION AND COST OF BRIDGES EXCEEDING 50 FEET IN LENGTH IN BURMA FOR THE YEAR 1892-93—concluded.

Executive division.	Name of bridge or of nullah and situation.	Date of completion.	Description of bridge.	Kind and depth of foundation.	Number and size of span.	Width of roadway between parapets or railings.	Height of roadway above foundation or river bed.	Total length of bridge.	Total cost.	Cost per 100 feet of length.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
			FOURTH CIRCLE.—*concluded.*		Spans feet.	Feet.	Ft. in.	Ft. in.	Rs.	Rs.	
Amherst ...	Bridge No. 6 over a branch of the Faukhaing creek, about 10 miles from Tavoy on the Tavoy Pagaye road.	31st March 1893.	A bow string girder bridge of one span with land span on east side. The bow string girder span consists of 2-inch planks protected by 1 inch wearing boards laid on joists 5 inches by 7 inches, on longitudinal girders 5 inches by 8 inches, resting on bolsters 5 inches by 9 inches, on cross girders 12 inches by 12 inches, supported on 12-inch pyingado piles driven into the ground. The land span consists of 3-inch planks on longitudinal girders 5 inches by 8 inches, resting on bolsters 5 inches by 10 inches, on cross girders 12 inches by 12 inches, supported on 12-inch pyingado piles driven into the ground. The wood-work of bow string girder span is of teak, all the rest of pyingado.	*Nil.*	1 of 55 1 of 124	10	24 0	77 3	3,121	4,053	
Kyaukse	Ngalaingzin canal...	...	Pile-bridge with girder joists, planking, boxing, and wings, all of teak.	8 feet pile ...	4 of 20	11	14 0	80 0	2,686	3,358	
	Pyaungbya canal ...	...	.....	do	5 of 15 2 of 10 1 of 20	11	14 0	115 0	3,996	3,475	
	Tôngyi chaung at Yewun.	...	.....	do	6 of 15 2 of 10	11	13 0	125 0	4,093	3,202	
Pegu ...	.....		*Nil.*								
Toungoo ...	.....		*Nil.*								
Meiktila ...	.....		*Nil.*								

G. B. C. P. O.—No. 4345, P. W. S., 7-8-93—200.

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PUBLIC WORKS DEPARTMENT.

COMPARATIVE COST OF CERTAIN SELECTED BUILDINGS FROM 1st APRIL 1892 TO 31st MARCH 1893.

Abbreviations.—P. denotes pucca; K. P. kacha pucca; K., kacha; F. M., flat mud; T., terraced; P. T., pent tiled; P. S., pent slated; P. sh., pent shingled; P. sp. sh., pent split shingled; R., rubble; D. S., dry stone; C., concrete; B. F., brick flat; Fl., flagged; Dhj., dhojjey, *i.e.*, timber framework filled in with mud and stone masonry; C. I. 20, corrugated iron 20 B. W. G.; Jus., Junes; In., Inner; O., Outer; Up., Upper; Gr. ground; T. & G., tongued and grooved; Pl., planked.

Division.	Locality.	Name of building.	Description and height of walls, &c.: Single or double storied.	Foundation.	Ft. in.	Plinth.	Ft. in.	Walls from floor to top of wall-plate.	Ft. In.	Roof.	Floor.	Cost.	Area at plinth.	Rate per superficial foot.
			FIRST CIRCLE.									Rs.	S. ft.	Rs. A. P.
Rangoon	Rangoon	Barrack for details, military police.	Single ...	Teak posts ...	3 0	Posts ...	5 6	Teak plank ...	8 6	Taylor's tile...	Teak plank ...	3,961	3,107	1 3 10
		Cook-house ...	do ...	do ...	3 0	.....	...	Corrugated iron	9 0	Corrugated iron.	Earth ...	568	480	1 2 11
		Latrine ...	do ...	do ...	3 0	.....	...	do ...	12 0	Taylor's tile...	Concrete ...	677	300	2 4 1
		Magazine for military police.	do ...	Concrete ...	2 3	Brickwork ...	1 4	Brickwork ...	7 6	Brick arch ...	do ...	1,009	193	5 8 7
		Store shed for Government Press.	do ...	Teak posts ...	3 0	.....	...	Corrugated iron	12 6	Corrugated iron.	do ...	1,518	1,120	1 5 8
Tharrawaddy.	Tharrawaddy.	Executive Engineer's office.	Double ...	Concrete ...	...	Brickwork ...	0 12	Brickwork and planking.	12 0 15 0	Shingle ...	Asphalte on concrete. 1" teak above	5,560	1,332	4 1 s. ft.
	Paungdale	Bazaar ...	Single ...	Posts on concrete	...	Raised earth ...	1 0	Centre portion outside.	19 0 18 0	Corrugated iron.	Concrete ...	3,377	3,768	0 9 s. ft.
	Paukaung	Witness' shed ...	do ...	Posts ...	...	do ...	1 0	10½ feet ...	...	Shingle ...	Plank ...	1,043	384	2 7 s. ft.
	Shwédaung	Police guard ...	Double, planked below.	Pyingado posts on concrete.	2 0	Masonry ...	0 6	Bottom storey top storey.	7½ 0 8 0	do ...	do ...	5,894	1,381	4 3 7 s. ft.
	do ...	Police office ...	Single ...	Pyingado posts	4 0	Floor ...	3 0	0 6 × 5' = 14'	0 0	do ...	do ...	1,256	400	3 1 s. ft.
Henzada.	Maubin ...	Additional accommodation to Deputy Commissioner's Court-house.	Double ...	Masonry dwarf pillars	2 6	Masonry ...	2 6	Ground plank Upper plank...	13 0 14 6	do ...	Upper plank ... Ground pucca...	15,940	3,600 249	4 4 3 s. ft.
	Henzada ...	Barracks for 24 civil police with school-house underneath.	do ...	Masonry pillars ...	...	.....	...	First floor plank. Ground floor mat.	8 0 0 0	do ...	First-floor plank Ground floor concrete	3,828	972	3 94 s. ft.
Bassein	...	.....	.....	.....	...	.....	...	.....	...	.....	.....	.....	...	...
Construction.	...	.....	.....	.....	...	.....	...	.....	...	.....	.....	.....	...	...

Comparative cost of certain Selected Buildings in Burma from 1st April 1892 to 31st March 1893—continued.

Division.	Locality.	Name of Building.	Description and height of walls, &c.														Cost.		Area at plinth.		Rate per superficial foot.	
			Single or double storied.		Foundation.		Plinth.		Walls from floor to top of wall plate.		Roof.		Floor.									
									FIRST CIRCLE—concluded.													
									Ft. in.													
Arakan.	Akyab	Store-room, Akyab Jail	Single	...	Posts on ballast	3	0	Pl. floor	...	2	0	Pl. walls	...	7	9	Corrugated iron.	Pl.	...	R4	...	Rs. A. P.	
	Kyaukpyu	Entrance Gate-ways, Kyauk-pyu Jail, Guard-room, and office.	Double	...	Concrete	...	3	0	Pl. and masonry	2	0	Brick-in-lime	...	15	0	Teak plank T. & G.	P. sh.	...	1,705	...	913	1 13 3
	Sandoway	Entrance Gate and store-room, Sandoway Jail; Guard-room, and office.	do	...	Concrete and masonry	3	0	P. masonry	0	18	Brick-in-lime	...	11	6	P. sh.	...	Pl.	10,852	...	1,560	6 12 3
																	Pl. T. & G.	...	8	3	P. sh.	...	Pl.	...	7,304	...	1,046	7 2 9
									SECOND CIRCLE.													
Thayetmyo.	Thayetmyo	Main Jail	Single	...	Concrete and bricksoreb.	1	2	Brickwork	...	2	0	Brick walls	...	12	0	Masonry tiles.	One inch teak planking on 3" × 2½" joists.		25,979	6 13 6		
																	Original cost. Cost of converting ,, re-constructing ,, Cost of fittings and furniture ,,	Rs. 81,030 47,825 51,067 301	Total Rs. 1,51,183			
Minbu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyaukpyu.	Myingyan	Small arms ammunition magazine for Native Infantry.	Single	...	Concrete	...	2	0	P. masonry	1	0	P. masonry	...	11	6	Vaulted	T. and Pl.	...	4,118	6 14 3		
	Do	Police supply godown	do	...	Teak posts	...	3	0	Teak posts	...	1	0	Corr. iron, 24	...	11	4	Corr. iron, 24	...	6,181	1 9 11		
	Do	Crash and work-shed for Commissariat Department.	do	...	Teak posts	...	3	0	Teak posts	...	2	0	Pl.	...	8	0	Wagan	...	1,100	0 14 8		

(a) NOTE.—The military prison was destroyed by fire on the 15th November 1891 and re-constructed during 1891-92 at a cost of Rs. 51,067.

(3)

Comparative Cost of certain Selected Buildings in Burma from 1st April 1892 to 31st March 1893—continued.

Division.	Locality.	Name of building.	Description and height of walls, &c.										Cost.	Area at plinth.	Rate per superficial foot.
			Single or double storied.	Foundation.	Ft. in.	Plinth.	Ft. in.	Walls from floor to top of wall plate.	Ft. in.	Roof.	Floor.				
			THIRD CIRCLE—concluded.												
Bhamo—*concluded.*	Homework east of Fort "C."	No. 1, Transport ...	Double ...	Posts ...	...	...	...	Pl. ...	9 0	Plank ...	First 1" teak, ground rammed earth.		Rs. ...	Sq. ft. 2,916	Rs. A. P. ...
	do ...	No. 2, do. ...	do ...	do ...	...	...	...	Pl. ...	9 0	do ...	do ...		...	2,916	...
	do ...	No. 3, do. ...	do ...	do ...	...	...	...	Pl. ...	9 0	do ...	do ...		...	2,916	...
	do ...	No. 4, do. ...	Single ...	do ...	...	...	...	...	...	Corrugated iron, 20.	Rammed earth ...		...	1,512	...
	do ...	No. 5, do. ...	do ...	do ...	...	...	...	...	...	do ...	do ...		...	648	...
	do ...	B. I. followers' quarters	do ...	do ...	...	...	...	Pl. ...	7 6	Shingle ...	1" teak ...		...	1,920	...
	do ...	Sweeper's house ...	do ...	do ...	...	...	...	Pl. ...	7 6	do ...	do ...		...	1,088	...
	Fort "C"	Army Hospital, Native Corps' quarters.	do ...	do ...	...	...	...	Pl. ...	7 6	do ...	do ...		...	768	...
	New Jail, Bhamo.	Office and Jailor's Quarters.	Three storied	Concrete ...	...	...	1 6	Brick for two storeys.	(1) 11 6	do	First concrete ...		...	1,248	...
								Plank, third storey.	(2) 12 0		Second plank ...				
									(3) 8 8		Third plank ...				
	do ...	Main ward ...	Double ...	Concrete and posts.	...	...	4 0	Palisading	1st 14 3	Corrugated iron.	1st asphalte ...		...	2,520	...
									2nd 13 4		2nd plank ...				
	do ...	Work-shed ...	Single ...	do ...	...	...	4 0	do ...	12 3	do ...	Mud ...		...	2,896	...
	do ...	Solitary cells ...	do ...	Concrete ...	...	...	4 0	Brick ...	12 2	Terraced ...	Asphalte ...		...	1,178	...
	do ...	Female ward ...	do ...	Concrete and posts.	...	...	8 6	Plank ...	13 0	Corrugated iron.	Plank ...		...	288	...
	do ...	Under-trial ward ...	do ...	do ...	...	...	8 6	Palisading ...	13 2	do ...	do ...		...	480	...
	do ...	Cook-house ...	do ...	Concrete ...	...	G. L. ...	...	Brick ...	10 2	do ...	Concrete ...		...	307	...
	do ...	Latrine ...	do ...	Posts ...	...	...	0 6	Corrugated iron	7 0	do ...	Mud ...		...	240	...
	Myitkyina	Treasury strong-room ...	Single ...	Concrete ...	2 6	Brick-in-lime ...	0 1	Brick-in-lime ...	1 0	Arched roof brick-in-lime	Concrete ...		...	206·25	...
	Wuntho ...	Civil police thana ...	Double ...	Posts ...	...	Posts ...	...	Planked ...	10 6	Shingle ...	Plank ...		3,439	576	5 15 9
	Pinlebu ...	Subdivisional Court-house.	Single ...	do ...	...	do ...	...	do ...	8 0	do ...	do ...		4,245	1,600	2 10 6
	Katha ...	Jail	Double ...	Pucka ...	2 0	Pucka ...	2 0	Wood ...	15 0	Corrugated iron.	Upper plank, lower concrete.		77,888	45,750	1 11 7
	do ...	Police Inspector's quarters.	do ...	Kutcha ...	...	Kutcha ...	...	Mat ...	...	Thatch ...	Upper plank, lower earth.		1,128	980	1 2 4
	Katha	do ...	Lines for elephant mahouts, coolies, and subsidiary buildings for 10 coolies and cartmen.	Single ...	do ...	...	do ...	...	Wood ...	...	do ...	Earth ...	3,730	...	...
	do ...	Executive Engineer's office.	Double ...	Pucka ...	0 6	Pucka ...	1 0	do ...	22 0	Corrugated iron.	Upper plank, lower concrete.		3,035	2,480	...
Shwebo	Shwebo ...	Commanding Officer's quarters, N. I.	do ...	do ...	3 0	do ...	1 6	Plank ...	16 6	Shingle ...	Upper 1 inch plank, ground stone concrete with cement plaster.		18,574	2,814·75	6 9 6
	do ...	Officers' mess, N. I. ...	Single ...	do ...	4 0	...	1 6	Stone masonry	17 0	do ...	Stone concrete ...		11,236	1,781·25	6 4 10
	do ...	Hospital Assistant's quarters, N. I.	do ...	Kutcha ...	3 0	Kutcha ...	...	Plank ...	10 6	do ...	Plank ...		2,139	784	2 11 8
	do ...	Hospital Servants' quarters.	do ...	do ...	3 0	do ...	...	do ...	9 0	do ...	Broken brick ...		1,260	810·	1 8 10
	do ...	Additional Hospital, B. I.	Double ...	Pucka ...	4 0	Pucka ...	1 6	do ...	16 6	do ...	Upper plank, ground floor asphalte.		42,158	8,938·50	4 11 5
	do ...	Sergeants' mess, B. I. ...	Single ...	do ...	4 0	do ...	1 6	Brick ...	17 0	do ...	Stone flagging.		13,537	2,952	4 9 4
	do ...	Civil hospital ...	Double ...	do ...	5 0	Kutcha ...	1 0	Plank ...	14 6	do ...	Plank ...		7,904	2,723	2 14 5
	do ...	Civil police thana ...	do ...	do ...	5 0	do ...	...	Brick ...	...	do ...	Upper plank, ground floor cement.		4,935	1,369	3 9 8
	Yeu ...	Civil hospital ...	do ...	do ...	5 0	do ...	...	Plank ...	14 6	do ...	Plank ...		7,716	2,723	2 13 4
Ruby Mines.	Mogôk ...	Telegraph office, 2nd class.	do ...	Posts resting on concrete.	...	Stone masonry	...	Upper storey ...	8 0	do ...	Upper planked, lower concrete planked over cement.		5,438	1,152	4 9 0
								Lower storey ...	10 0						
			FOURTH CIRCLE.												
Amherst.	Moulmein	Dead-house for Native Infantry Hospital.	Single ...	Concrete brickwork.	0 1	Brickwork ...	2 0	Planked ...	9 0	Shingle ...	Terrace ...		1,132	300	0 3 7
	do ...	Barracks for nine married policemen.	do ...	Pyingado posts let into ground.	...	...	...	Mat with batten frames.	7 0	Pile ...	Plank ...		2,327	572·25	0 4 0
	do ...	Quarters for Customs Inspector at Mopun.	do ...	Teak posts let into ground resting on cross wooden footing.	...	...	...	Planked ...	13 0	Shingle ...	do ...		2,949	1,024·	0 2 8
	Paung ...	Witness shed for new Court-house.	do ...	Pyingado posts let into ground resting on cross wooden footings.	...	...	...	Planked weather-boarding.	8 0	Plank weather-boarding.	do ...		434	256	0 1 6
	Thaton ...	Quarters for Civil Subdivisional Officer.	Double ...	Pyingado posts resting on brick and concrete footings.	...	Brickwork ...	1 6	Planked ...	14 0 up 9 0 up 10 0 d.	Shingle ...	Plank up ... Concrete down		6,812	1,548	4 4 0
	do ...	Rest-house for Civil officers.	Single ...	Posts let into ground.	...	...	...	Mat with plank frame.	8 0	Thatch ...	Plank ...		1,000	1,024	0 9 0

(5)

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Division.	Locality.	Name of building.	Description and height of walls, &c.										Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Ft. in.	Plinth.	Ft. in.	Walls from floor (to top of wall plate).	Ft. in.	Roof.	Floor.				
						FOURTH CIRCLE—concluded.									
Amherst—concluded.	Natkyizin	Police thana 24′ × 24′	Double	Pyingado posts let into ground.				Planked	4 6 up 6 0 d.	Shingle	Plank up Concrete d.		Rs.	Sq. ft.	Rs. a. p.
	Laungiôn	Myoôk's Court-house	Single	Pyingado posts resting on brick and concrete footings.				do.	15 0 9 0	do	Plank		3,814	576	6 6 0
	Thatôn	Barracks for 24 military police.	do	do				Mat with plank frame.	9 0	do	do		2,536	1,600	1 5 0
	Mudôn	Barracks for 16 military police.	do	do				do	9 0	do	do		3,147	1,296	2 4 0
	Amherst	Barracks for 16 military police.	do	do				do	9 0	do	do		1,712	864	1 9 0
	Hlaingbwè	Civil police station 24′ × 24′.	Double	Concrete brick-work.		Brickwork	1 0	Kucha pucca brickwork.	9 0	do	do		1,712	864	1 9 0
	Victoria Point.	Quarters for Assistant Commissioner.	do	Teak posts resting on brick and concrete.		Laterite masonry	1 6	Planked	6 0 d. 4 0 up 14 0 up 12 0 up 10 0 up 10 0 d.	do	Plank up Concrete d.		2,300	576	3 9 0
	Kyaikmaraw.	Combined Court-house and police thana.	Single	Teak posts let into ground resting on brick wooden footings.				do	8 0 up 12 0 d.	do	Plank		12,593	1,600	7 8 0
	Victoria Point.	Police thana 36′ × 36′	Double	Concrete brick-work.		Brick-work	1 0	Kucha pucca	6 0 d. 4 6 up	do	Plank up Concrete d.		11,269	2,076	5 4 0
	do	Inspector's quarters 28′ × 28′.	Single	Pyingado posts resting on brick and concrete.				Planked	13 3	do	Plank		8,737	2,080	4 2 0
	Paung	Myoôk's Court-house	do	Teak posts let into ground resting on cross wooden footings.				do	9 0 13 0	do	do		4,764	1,600	2 9 0
	Kyukatan	Iron shed at Kyauktan landing-stage.	Single	Masonry		Laterite dry pitching.		Corrugated iron		Corrugated iron.	Gravelled		1,250	800	1 9 0
	do	Dead-house to Civil dispensary, Kyauktan.	do	Brickwork		Brickwork		Weather-boarding.		Shingle			330	100	3 4 9
Pegu	Thôngwa	Inspection bungalow	do	Posts		Posts		Mat		Thatch	Jungle-wood planks.		1,151	1,024	1 2 0
	Kayan	ditto	do	do		do		do		do	do		1,151	1,024	1 2 0
	do	Barrack and cook-house, for military police.	do	Brickwork and concrete.		do		Weather-boarding.		Shingle	do		1,456	864	1 11 0
	Tawa	ditto	do	Posts		Mud		Corrugated iron		Corrugated iron.	Mud		283	170	1 10 7
	do	Military barracks and cook-house for military police.	do	Brickwork and concrete.		Posts		Mat walling		Shingle	Jungle-wood planks.		1,456	864	1 11 0
	do	ditto	do	Posts		Mud		Corrugated iron		Corrugated iron.	Mud		283	170	1 10 7
	do	Extension of bazaar	do	do		do		Teak wood weather-boarding.		do	Pyingado-wood plank.		2,961	1,828	1 9 11
	Kyaikto	Strong-room	do	Pucca masonry		Pucca masonry		Pucca masonry		Concrete on iron plates.	Concrete		845	100	8 7 2
Toungoo.	Shwegyin	Police office	Double	On posts		None		Teak planks	13 0	Shingle	One-inch pyingado.		4,770	1,800	2 10 4
	Nyaunglèbin.	Subdivisional Officer's quarters and office.	do	do		do		Mat	13 0	Thatch	do		1,150	1,339	1 0 0
Meiktila.	Meiktila	Native Infantry hospital	Single	Posts on concrete	3 0	*Nil.*		do	19 0	do	One-inch plank		6,900	4,000	1 11 7
	do	British Infantry Officers' quarters.	Double	Concrete	3 0	Brickwork	1 6	Lower storey brick-nogging, upper planked.	21 0	Shingle	Upper plank, lower cement.		9,058	1,617	5 9 2
	do	Cells for Native Infantry	Single	do	3 0	do	1 6	Brick	14 6	Terrace	Cement		2,050	378	5 6 9
	Kyidaunggan.	Combined Myoôks Court-house and thana.	do	Posts		*Nil.*		Planked	21 6	Shingle	Planked		9,317	2,460	3 12 7
	Mahlaing	Assistant Commissioner's quarters.	Double	Concrete	3 0	Brick	1 6	do	19 6	do	Plank and cement.		5,970	1,576	3 12 8
	Pyawbwè	Bazaar	Single	Posts on concrete.	5 0	*Nil.*		Weather-boarding.	11 0	Corrugated iron.	Platform planked.		9,000	3,936	2 4 7
Kyaukse.	Singaing	Assistant Superintendent of Police.	Double	Masonry		Masonry	2 0	Plank	20 0	Shingle	Teak plank and concrete.		7,319	1,280	5 11 6
	Ywakaingyi	Police thana	do	Posts	4 0	do	2 0	Masonry and plank.	24 0		do		3,365	575	5 13 8
	do	Public Works Department, rest-house.	Single	do	3 0	*Nil.*		Plank		Thatch	Teak plank		1,627	1,274	1 5 0

G. B. C. P. O.—No. 4345, P. W. S., 7-8-93—200.

It is requested that in all future correspondence on this subject the department No. and date may be quoted.

Mis E. 2
7305/93

Burma.

PUBLIC WORKS DEPARTMENT.

No. 1692

To The Secretary to the Govt. of Madras,
Public Works Department.

Dated Rangoon, the 10th August 1893.

Sir,

In continuation of this office
No. 1882 dated 8th February 1892, I am
directed to forward herewith for
information one copy each of:-

(1) The comparative cost of certain
selected Buildings from 1st April
1892 to 31st March 1893.

(2) Memorandum of construction
and cost of Bridges exceeding 50
feet in length in Burma for the
year 1892-93.

I have the honor to be
Sir,
your most Obedt. servt.

Abr. Edns
for
Offg. Secretary to Govt.

G. E. C. P. O.—No. 4485. P. W. S. 20-7-93—1,000.

GOVERNMENT NO. 7305

W. 2619 W 21.9.92

B

No 2246 Way 31 August 1893.
Recorded in
Recorders
continuation of Ep.
No 2619 Way 21 Sept.
1892.

Encls 2
Recd: 23.8.93

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29.8

PMB
25-8-93

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