

- (1) பக்கங்களின் எண்ணிக்கை 32
(2) புதுக்கித் திருப்பிய நாள் 9/9/
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் [Signature]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWP துறை

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அரசாணை எண். மு. கோப்புத் தாள் எண். <u>2619</u>	அச்சகம் புலவகை
நாள் : <u>21-9-1852</u>	198.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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BURMA PUBLIC WORKS DEPARTMENT.

ADDENDA.

MEMORANDUM OF CONSTRUCTION AND COST OF BRIDGES
EXCEEDING 50 FEET IN LENGTH IN BURMA FOR
THE YEAR ENDING 31ST MARCH 1892.

RANGOON: PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRINTING, BURMA. SEPTEMBER 1892.

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BURMA PUBLIC WORKS DEPARTMENT.

FIRST CIRCLE OF SUPERINTENDENCE.

Memorandum of Construction and Cost of Bridges exceeding 50 feet in length in Burma.

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 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.
Rangoon.	Bridge on footpath from Shweik on the bank of the Rangoon river opposite the village and police guard of Tantabin to Bonlonzeik.	31st March 1892.	Timber bridge on timber piles, girders, timber beams; floor 3-inch planks.	Pile foundations 12 feet deep in bed of creek.	One span of 30 feet, 4 spans of 10 feet.	Ten feet.	Sixteen feet above river bed.	Seventy feet.	Rupees 2,789.	Rupees 3,984.	

D. JOSCELYNE,
Superintending Engineer, First Circle.

BURMA PUBLIC WORKS DEPARTMENT.

E. A. W. PHILLIPS,
Executive Engineer, Arakan Division.
D. JOSCELYNE,
Superintending Engineer, First Circle.

BURMA PUBLIC WORKS DEPARTMENT.

SECOND CIRCLE OF SUPERINTENDENCE.

Memorandum of Construction and Cost of Bridges exceeding 50 feet in length.

The 16th May 1892.

H. C. FOX, LIEUT.-COL., R.E.,
Officiating Superintending Engineer, Second Circle.

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BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE OF SUPERINTENDENCE.

Memorandum of Construction and Cost of Bridges exceeding 50 feet in length in Burma.

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 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.
Katha	Indian bridge on the Nahaikung Mawteik road.	15th March 1892	Of Upper Burma standard plan. The bridge consists of four rows of longitudinal beams or girders of 17 1/2 and 15' spans, supported on corbels bolted to piles forming the piers and abutments. Three inch plank is nailed across the girders; hand rails are bolted to the side girders to complete the bridge.	Piles driving	Four spans of 17 1/2 feet and 2 spans of 15 feet.	10 feet	10 feet	100 feet	Rs. 2,800*	Rs. 2,800	
	Thekkaiyigun bridge on the Nahaikung Mawteik road.	20th March 1892	Ditto	Piles driven 6 feet.	Three spans of 17 1/2 feet and 2 spans of 15 feet.	10 feet	9 feet	82 feet 6 inches	2,662*	2,500	

* Approximate costs.

H. J. RICHARD,
Superintending Engineer, Third Circle.

J. P. HENDERSON,
Executive Engineer, Katha Division.

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BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE OF SUPERINTENDENCE.

Memorandum of Construction and cost of Bridges in the Ruby Mines Division.

Executive division.	Name of bridge or of nullah and situation.	Date of completion.	Description of bridge.	Kind and depth of foundation.	No. and size of span.	Width of roadway between parapet or railing.	Height of roadway above foundation or river bed.	Total length of bridge.	Total cost.	Cost per foot of length.	Remarks.
Ruby Mines.	Kyauklebin.	March 1892.	Teak wood trapezoidal trusses, supporting cross girders, joists, and planking, the trusses resting on rubble stone abutments.	Concrete 6 feet below ground on rocky bed.	One of 40 feet.	Ten feet.	Sixteen feet.	Forty-eight feet.	Rupees 3,144.	Rupees 65-8-0	

MOGOK:
The 11th June 1892. }

J. C. REES,
Executive Engineer, Ruby Mines Division.
H. J. RICHARD,
Superintending Engineer, Third Circle.

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BURMA PUBLIC WORKS DEPARTMENT.

Comparative statement of selected Bridges constructed in the Third Circle of Superintendence for the year ending the 31st March 1892.

Division.	Name of bridge or of mullah and situation.	Date of completion.	Description of bridge.	Kind of 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, 100 feet of length.	Remarks.
Wuntho ...	Dongyu bridge ...	31st March 1892.	Teak wood	Posts	1 of 60 ... 1 of 20 ... 1 of 18 ...	12	20	4,012			
	Dondok bridge ...	Do.	Do.	Do.	1 of 40 ... 2 of 20 ...	12	20	3,192			

H. J. RICHARD,
Superintending Engineer, Third Circle.

H. O. WALLING,
Executive Engineer, Wuntho Division.

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BURMA PUBLIC WORKS DEPARTMENT.

Memorandum of construction of Bridges exceeding 50 feet in length in the Fourth Circle of Superintendence for the year ending the 31st March 1892.

Executive division.	Name of bridge or of mullah 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.	Heights of roadway above foundation or river-bed.	Total length of bridge.	Total cost.	Cost per 100 feet of length.	Remarks.
Meiktila	South arm of Meiktila lake.	31st March 1892	Trestle bridge	Trestles resting on rock with large boulders packed round them to a height of 6 feet.	7 spans of 20 feet each.	11	20	144	Rs. 3,438	Rs. 2,387	
Ditto	No. 3 bridge, 2nd mile, Nyaunggyan-Yindaw road.	Ditto	Land spans trestle, concrete spans piled.	Trestles 6 inches in ground, piles driven 10 feet.	2 of 15 and 8 of 20.	10	14	190	4,033	2,123	
Ditto	No. 5 bridge, 3rd mile, Nyaunggyan-Yindaw road.	Ditto	Ditto	Ditto	2 of 15 and 4 of 20.	10	10	110	2,542	2,310	
Ditto	No. 7 bridge, 4th mile, Nyaunggyan-Yindaw road.	Ditto	Ditto	Ditto	Ditto	10	13	110	2,420	2,200	

TOUNGOO :
The 7th May 1892.

E. W. OATES,
Superintending Engineer, Fourth Circle.

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BURMA PUBLIC WORKS DEPARTMENT.

ADDENDA.

COMPARATIVE COST OF CERTAIN SELECTED BUILDINGS FOR
THE YEAR ENDING 31ST MARCH 1892.

RANGOON : PRINTED BY THE, SUPERINTENDENT, GOVERNMENT PRINTING, BURMA. SEPTEMBER 1892.

BURMA PUBLIC WORKS DEPARTMENT.

FIRST CIRCLE OF SUPERINTENDENCE.

Comparative cost of certain selected Buildings.

Abbreviations.—P., denotes pucca; K., kutcha; F. M., flat mud; T., terraced; Pl., planked; 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; Ft., flagged; Dhj., Dhajji, i.e., timber frame-work filled in with mud stone masonry; C. I., 22° corrugated iron, 22 B. W. G.; In., inner; O., outer; Up., upper; Gr., ground.

Division	Locality.	Name of building.	DESCRIPTION AND HEIGHT OF WALLS, &c.										Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.	Roof.	Floor.	Roof.	Floor.			
Rangoon	Rangoon	Extension of existing granary	Single	Concrete	Ft. In. 2 0	Ft. In. 4 6	Brickwork	Brickwork	Brickwork	Brickwork	Brickwork	Brickwork	Rs. 15,606	S. ft. 4,221	Rs. A. P. 3 11 1
		Rangoon Central Jail.	Single	Concrete	Ft. In. 2 0	Ft. In. 4 6	Brickwork	Brickwork	Brickwork	Brickwork	Brickwork	Brickwork	Rs. 15,606	S. ft. 4,221	Rs. A. P. 3 11 1
		Entrance offices	Treble	P. C. and B.	4 0	2 0	P. B.	Two story P. B. ...	P. Sh.	P. Sh.	P. Sh.	P. Sh.	Rs. 30,680	108 1/2 x 34 1/2	8 0 0*
		Ward No. 1	Double	do	3 3	3 11	do	Third story timber.	C. I. 20°	C. I. 20°	C. I. 20°	C. I. 20°	78,561	2 x 3 x 10 1/2	5 8 0
Kyangin	Kyangin	Workshed	Single	do	3 2	3 11	do	Timber palisade	C. I. 21°	C. I. 21°	C. I. 21°	C. I. 21°	33,200	1 x 3 x 20 1/2	1 8 0
		Work Overseer's quarters	Double	do	3 0	3 0	P. B.	Timber Pl.	P. Sh.	P. Sh.	P. Sh.	P. Sh.	10,086	14,228 1/2 x 5 1/2	4 0 0
		Barracks for reserve guard	Single	do	3 0	3 0	Floor raised on posts.	do	do	do	do	do	5,520	4,331 1/2 x 3 1/2	1 4 0
		Barracks for warders	do	do	3 0	3 0	do	do	do	do	do	do	2,863	790 1/2 x 5 1/2	1 12 9
Maubin	Maubin	Police guard-house	Double	Pyinkado posts.	3 0	Nil	do	Bullet-proof pyinkado plank wall lower and upper.	Sh.	Sh.	Sh.	Sh.	4,489	1,288	3 7 9
		Military police barracks	do	Pyinkado posts fixed on concrete and brick masonry.	1 6	do	do	Weather board walling.	do	do	do	do	8,959	3,456	2 9 4

D. JOSCELYNE,
Superintending Engineer, First Circle.

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BURMA PUBLIC WORKS DEPARTMENT.

FIRST CIRCLE, LOWER BURMA.

Comparative cost of certain selected Buildings.

Abbreviations.—P., denotes pucca; K., kutchia; R., rubble; T., terraced; Pl., plank; P. S., port slatted; P. Sp. Sh., port split shingled; R., rubble; D. S., dry stone; C., concrete; B. S., brick flat; Fl., flagged; Dhj., Dhajji, i.e., timber frame-work filled in with mud and stone masonry; C. L., corrugated iron; 22 B. W. G., 22 B. W. G.; In., inner; O., outer; Up., upper; Gr., ground.

Division.	Locality.	Name of building.	Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.	Cost.	Area.	Rate per superficial foot.
ARAKAN.	Kyaukpadaung district, An Sandoway district, Sando-way.	Myoek's court-house.	Single ...	P. yin kado posts on masonry.	Pt. In. 4 0 Floor raised 8 0	Pt. In. 12 1/2 x 15 Sh. 15 & 11 feet.	Pl. In. 12 1/2 x 15 Sh. 15 & 11 feet.	Pl. ...	Rs. 4,389	S. ft. 1,654	Rs. A. P. 2 10 5
		New Municipal school-house.	Double ...	Posts on masonry.	do. 4 8 19 ft. Pl. 4 8 19 ft.	do. 4 8 19 ft. Pl. 4 8 19 ft.	Sh. 15 & 11 feet.	Pl. ...	Rs. 6,512	S. ft. 1,460	Rs. A. P. 4 7 4
	Akyab district, Paletwa Island.	Combined Deputy Commissioner's Court and thana. Sea-jetty or landing-stage for new light-house.	Single ...	Posts	3 0 Floor raised 8 1/2 0	Length of pier to end of pier is 25' by 10' wide; jetty 7' wide with runway and turnout 30' x 8 1/2' thick. Pl. total ...	Screw-piles 3' diam. (and 3 1/2' in head) iron framing and rolled iron beams. Wood floor.	Pl. ...	Rs. 8,804	Length 2,821	Rate per foot 78 11 4
	Myohaung ...	Semi-fortified thana. Same as standard plan; detachable thana for Lower Burma, with masonry wall, lower storey, and turrets at corners; both items omitted.	Single ...	Posts	4 0 Floor raised 8 1/2 0	Parapet 3' 4 feet thick. Pl. total ...	Sh. 9 "	Pl. ...	Rs. 3,836	S. ft. 1,296	Rs. A. P. 2 15 4

AKYAB.
The 19th July 1892.

D. JOSCELYNE,
Superintending Engineer, First Circle.

E. A. W. PHILLIPS,
Executive Engineer, Arakan Division.

BURMA PUBLIC WORKS DEPARTMENT.

SECOND CIRCLE OF SUPERINTENDENCE.

Comparative cost of certain selected Buildings.

Abbreviations.—P., denotes pucca; K., kutchia; R., rubble; T., terraced; Pl., plank; P. S., port slatted; P. Sp. Sh., port split shingled; R., rubble; D. S., dry stone; C., concrete; B. F., brick flat; Fl., flagged; Dhj., Dhajji, i.e., timber frame work filled in with mud and stone masonry; C. L., corrugated iron; In., inner; O., outer; Up., upper; Gr., ground.

Division.	Locality.	Name of building.	Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.	Cost.	Area.	Rate per superficial foot.
THAYETMYO.	Thayetmyo Port.	Military prison containing 36 cells and quarters for four warders.	Single ...	Concrete brick-work.	Pt. In. 1 2 Brick-work 2 0	Pt. In. 2 0 Brick walls ...	Pt. In. 2 0 Mangalore tiles.	1" teak planking on 3" x 2 1/2" joists.	Rs. 81,930	S. ft. 28,381	Rs. A. P. 6 5 11 persq. foot.
			Double ...	Teak post in C.	Pt. In. 3 6 Concrete 1 6	Mat in teak frame.	Wagat (double).	Planked ...	Cost of re-constructing 47,825	Rs. 20,271	Rs. A. P. 1 15 9
MYINGYAN.	Myingyan.	British Infantry barracks ...	Double ...	Teak post in C.	Pt. In. 3 6 Concrete 1 6	Mat in teak frame.	Wagat (double).	Planked ...	Cost of re-constructing 47,825	Rs. 20,271	Rs. A. P. 1 15 9
		Native ...	do. ...	do. ...	do. ...	do. ...	do. ...	do. ...	Cost of re-constructing 47,825	Rs. 11,302	Rs. A. P. 1 8 9
		Quarters for British Officers	do. ...	do. ...	do. ...	do. ...	do. ...	do. ...	Cost of re-constructing 47,825	Rs. 5,246	Rs. A. P. 2 8 5

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.

MIXED DIVISION.

Nil.

MYINGYAN DIVISION.

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Comparative cost of certain selected Buildings—concluded.

DESCRIPTION AND HEIGHT OF WALLS, &c.												
Locality.	Name of building.	Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.	Cost.	Area.	Rate per superficial foot.		
MYINGYAN DIVISION—concluded.												
Mingyan—concluded.	Regimental offices and Orderly-room Native Infantry.	Double ...	Ft. In. 2 0 Teak posts in C.	Ft. In. 1 0 Concrete	Mat in teak frame	Ft. In. 25 0 P. Sh. ...	Planked	Rs. 5,515	S. ft. 2,450	Rs. A. P. 2 4 0		
	Quarter guard and lock-up Native Infantry.	Single ...	do. ...	3 0 Teak posts	4 0 Planked	12 0 do. ...	do. ...	3,699	1,188	3 1 10		
	Police thana	do. ...	Stone C. ...	3 0 R. stone ...	3 6 Brick work ...	12 3 T. ...	T. ...	5,100	1,594	3 3 2		
	Jail granary	do. ...	do. ...	4 0 do.	1 6 R. stone ...	12 0 C. I 24 ⁶	T. ...	7,331	2,145	3 6 9		
	Jail store godown	do. ...	Teak posts in C.	3 0 P. brick-work.	1 0 Corrugated iron 24 ⁶	11 4 C. I 24 ⁶	T. ...	4,666	2,344	1 10 3		
	Jail solitary cells	do. ...	Stone C. ...	3 0 R. stone ...	1 6 Brick work ...	13 0 T. ...	T. ...	32,848	7,765	4 3 7		
LOWER CHINDWIN DIVISION.												
Nil.												
UPPER CHINDWIN DIVISION.												
Upper Chindwin.	Karewa ...	Double {	C. P.	Ft. In. 1 0 P. 2 0	1 6 Pl.	19 6 P. Sh. ...	C. and Pl.	5,240	1,216	4 5 6		
	Mingin ...	Single ...	Teak post ...	3 0 Teak post ...	11 0 Pl.	8 6 P. Sh. ...	Pl. ...	3,920	1,024	3 13 0		
	Do. ...	Double ...	do. ...	3 0 do.	1 0 Pl.	10 6 P. Sh. ...	Pl. ...	2,585	600	4 5 0		

The 16th May 1892.

H. C. FOX, LIMUT-COL., R.E.,
Superintending Engineer, Second Circle.

BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE, UPPER BURMA.

Comparative Cost of certain Selected Buildings for the year ending the 31st March 1892.

Division.	Locality.	Name of building.	DESCRIPTION AND HEIGHT OF WALLS, &c.						Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.			
Katha ...	Katha	Telegraph office with out-offices.	Double ...	Pucka ...	Ft. In. 3 0	Ft. In. 1 6 Planked ...	Ft. In. 18 0 Shingled ...	Upper plank, lower cement.	Rs. 8,524*	S. ft. 1,700	Rs. A. P. 5 0 2
		Combined block-house and thana.	do	do	3 0	1 0 Masonry ...	do	Upper plank, lower concrete.	2,910	576	5 0 10

*Of Rs. 8,524, Rs. 926 was paid during the current official year.

H. J. RICHARD,
Superintending Engineer, Third Circle.

J. P. HENDERSON,
Executive Engineer, Katha Division.

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BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE, UPPER BURMA.

Comparative Cost of certain selected Buildings for the year ending the 31st March 1892.

Division.	Locality.	Name of building.	DESCRIPTION AND HEIGHT OF WALLS, &c.						Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.			
Mandalay Civil.	Mandalay.	Judicial Commissioner and Commissioner's Court-house.	Double.	Concrete.	Flat bedded, lime stone.	Lower walls flat bedded, lime stone; upper brick.	Shingle.	Lower flags, upper plank.	Rs. 35,090.	7,426.	
						BRIDGES—Nil.					

MANDALAY:
The 7th June 1892. }W. G. NEWTON,
Executive Engineer, Mandalay Civil Division.H. J. RICHARD,
Superintending Engineer, Third Circle.

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BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE, UPPER BURMA.

Comparative Cost of certain selected Buildings for the year ending the 31st March 1892.

Division.	Locality.	Name of building.	DESCRIPTION AND HEIGHT OF WALLS, &c.						Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.			
Bhamo.	Bhamo.		...	...	...	Nil.	...	...	Rs. ...	...	
			...	...	...	BRIDGES.	...	...	...	...	
			...	...	...	Nil.	...	...	...	...	

H. J. RICHARD,
Superintending Engineer, Third Circle.J. T. ROLLO,
Executive Engineer, Bhamo Division.26/9
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BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE, UPPER BURMA.

Comparative Cost of certain selected Buildings in the Ruby Mines Division.

Division.	Locality.	Name of building.	DESCRIPTION AND HEIGHT OF WALLS, &c.						Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.			
Ruby Mines	Mogoke	Lock-up for 12 privy squares.	Single on posts.	...	4 ft.	...	Wooden bars and weather-boarding, 10 feet high.	Plank.	Rs. 2,596	S. ft. 1,260	Rs. 2 0 11
	Momeik	Assistant Commissioner's residence.	Double	Concrete	14 ft.	...	Upper half teak, tongued-and-grooved, 13 feet high. Lower half teak, tongued-and-grooved, 11 feet high.	Upper plank, lower concrete.	7,474	1,448	5 1 11

H. J. RICHARD,
Superintending Engineer, Third Circle.

J. C. REES,
Executive Engineer, Ruby Mines Division.

BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE, UPPER BURMA.

Comparative Cost of certain selected Buildings in the Shwabo Division.

Division.	Locality.	Name of building.	Single or double-storied.	Foundation.		Plinth.		Walls (to top of wall-plate).		Roof.	Floor.	Cost.	Area.	Rate per superficial foot.
				Ft. In.	P	Ft. In.	P	Ft. In.	Pl.					
Shwabo.	New cantonments, Shwabo.	British Infantry mess-house	Single	P	... 4 0	P	... 1 6	Stone masonry	... 17 0	Shingle	Stone concrete	Rs. 18,812	S. ft. 5,070	Rs. 3 11 4
		Commanding Officer's house, B.I.	Double	P	... 3 0	P	... 1 6	Plank	... 16 6	do	Upper floor plank, 1"; ground floor stone concrete, with cement plaster.	18,200	3,113	5 13 9
		Senior Medical Officer's house...	do	P	... 3 0	P	... 1 6	do	... 14 0	do	Upper floor plank, 1"; ground floor stone concrete.	10,000	1,816	5 8 1
		Chaplain's house	do	P	... 3 0	P	... 1 0	do	... 14 0	do	Upper floor plank, 1"; ground floor stone concrete.	10,000	1,816	5 8 1
		Commissariat Officer's house	do	P	... 3 0	P	... 1 0	do	... 14 0	do	Upper floor plank, 1"; ground floor stone concrete.	10,000	1,816	5 8 1

The 13th June 1892.

H. J. RICHARD,
Superintending Engineer, Third Circle.

J. T. SIMPSON,
Executive Engineer, Shwabo Division.

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BURMA PUBLIC WORKS DEPARTMENT.

THIRD CIRCLE, UPPER BURMA.

Comparative Statement of selected Buildings constructed in the Third Circle of Superintendence for the year ending the 31st March 1892.

Division.	Locality.	Name of building.	Single or double storied.	Foundation.	Plinth.	Walls (to top of wall plate).	Roof.	Floor.	Cost.	Area.	Rate per superficial foot.
Wundwin	Wundwin	Subdivisional Court-house.	Double	Posts	Pt.	Planked	8 Shingled	Plank	Rs. 4,585	S. ft. 1,600	R. A. P. 1 0 3
		Post office	do.	do.	do.	do.	7 1/2 do.	do.	1,140	600	1 14 4
		Bazaar	Single	do.	do.	Mat	9 Wagon	do.	5,079	15,795	0 5 1

H. J. RICHARD,
Superintending Engineer, Third Circle.

H. O. WALLING,
Executive Engineer, Wundwin Division.

BURMA PUBLIC WORKS DEPARTMENT.

Comparative Cost of certain selected Buildings in the Fourth Circle of Superintendence for the year ending the 31st March 1892.

DESCRIPTION AND HEIGHT OF WALLS, &c.												
Division.	Locality.	Name of building.	Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.	Cost.	Area.	Rate per superficial foot.	
Arakan.	Mergui	Police magazine	Single	P. on C.	Pt. In.	P.	P.	C. on brick arches.	Rs. 1,676	S. ft. 20,725	Rs. A. P. 8 0 8	
	Moulmein	Dead-house for General Hospital.	do	do	do	Pl.	P. Sh.	Cement on C.	1,291	236	3 8 4	
	Zathabyin	Police thana	Double	Built on posts with brick footings.	do	Pl. (up) R. P. (up)	P. Sh.	Pl. (up) C. (gr.) Pl. (up).	2,848	526	4 9 4	
	Mudon	Witnesses' shed	Single	Built on posts let into ground.	do	Pl.	P. Sh.	Pl.	530	256	2 0 7	
Pegu.	Zathabyin	Myoth's court-house	do	Built on posts resting on brick footings.	do	Pl.	P. Sh.	Pl.	3,920	1,600	2 4 5	
	Thaibyu	Inspection bungalow	Single	Post	do	Bamboo	Thatch	Plank	146	1,124	0 6 4	
	Kaikaoto	ditto	do	do	do	do	do	do	877	1,124	0 6 4	
	Kyauko	Myoth's court-house	do	do	do	Teak plank	Shingle	do	3,043	1,600	2 1 5	
Toungoo.	Belin	Post and telegraph office	do	do	do	do	do	do	854	400	1 0 8	
	Toungoo	Post office	Double	Pyinkado posts	do	Planked	do	Plank and plate.	4,715	1,280	3 0 8	
	do	Bandmaster's quarters	Single	Pyinkado posts on brick footings with wrought-iron steep.	do	do	do	Plank	3,986	1,296	3 0 7	
	do	Schoolmaster's quarters	do	Pyinkado posts with wrought-iron steep and brick footings.	do	do	do	do	3,690	1,296	2 8 3	
Mektila.	Shwegyin	Municipal school	Double	Posts	Tence	do	do	Ground floor concrete floor 1' plank.	9,417	4,000	2 5 8	
	Military Buildings.											
	Native Infantry lines.	Temporary Native Infantry barracks, No. 5.	Single	Round posts	do	Mat	Thatch	Bamboo	1,200	2,880	0 6 0	
	do	Temporary Native Infantry barracks, No. 6.	do	do	do	do	do	do	1,200	2,880	0 6 0	
	do	Temporary Native Infantry barracks, No. 7.	do	do	do	do	do	do	1,200	2,880	0 6 0	

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Comparative Cost of certain selected buildings in the Fourth Circle of Superintendence for the year ending the 31st March 1892—contd.

Division.	Locality.	Name of building.	DESCRIPTION AND HEIGHT OF WALLS, &c.							Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Roof.	Floor.				
				Ft. In.	Pt. In.		Ft. In.		Rs.	S. ft.	Rs. A. P.	
Meiktila—continued.	Native Infantry lines.	<i>Military Buildings—contd.</i>										
		1st class temporary Native Infantry barracks, No. 1.	Double...	Posts on concrete blocks.	Nil	Mat	Thatch	Teak plank	9,776	7,200	1 5 9	
		1st class temporary Native Infantry barracks, No. 2.	do	do	Nil	do	do	do	9,776	7,200	1 5 9	
		1st class temporary Native Infantry barracks, No. 3.	do	do	Nil	do	do	do	9,776	7,200	1 5 9	
		1st class temporary Native Infantry barracks, No. 4.	do	do	Nil	do	do	do	9,776	7,200	1 5 9	
		No. 1 cook-house for 200 men.	Single	Concrete	Masonry	Masonry	Corrugated iron	Earth	1,044	1,240	1 9 1	
		No. 2 cook-house for 200 men.	do	do	do	do	do	do	1,944	1,240	1 9 1	
		No. 1 night urinal	do	Posts	Nil	Mat	Thatch	do	150	144	1 3 1	
		No. 2 night urinal	do	do	Nil	do	do	do	180	144	1 3 1	
		Native Infantry quarter-guard	do	Posts on concrete blocks.	Nil	1" teak plank	Shingle	1" teak plank	3,295	1,188	2 12 4	
		Native Armourer's shop	do	Concrete	Masonry	Masonry	Corrugated iron	Brick-on-edge	3,347	540	5 15 9	
		Native Infantry Regimental Offices.	Double	Posts on concrete blocks.	Nil	Mat	Thatch	1" teak plank	4,970	2,430	2 0 6	
		Native Infantry band barracks.	do	do	Nil	do	do	do	4,000	2,470	1 10 0	
		Native Infantry band cook-house.	Single	Concrete	Masonry	Masonry	Corrugated iron	Earth	714	280	2 8 0	
		British Infantry lines.	Native Infantry night urinal.	do	Posts	Nil	Mat	Thatch	do	180	144	1 3 1
Native Infantry followers' quarters, No. 1.	do		Concrete block	Nil	do	do	Teak plank	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 2.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 3.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 4.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 5.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 6.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 7.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 8.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 9.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 10.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 11.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 12.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 13.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		
Native Infantry followers' quarters, No. 14.	do		do	Nil	do	do	do	2,510	1,302	1 10 5		

Transport lines	Stable for 50 ponies, No. 1	Single	Posts on concrete blocks.	Nil	Nil	Nil	Thatch	Gravel	1,504	3,000	0 8 0
do	Stable for 50 ponies, No. 2	do	do	do	do	do	do	do	1,504	3,000	0 8 0
do	Stable for 50 ponies, No. 3	do	do	do	do	do	do	do	1,504	3,000	0 8 0
do	Stable for 50 ponies, No. 4	do	do	do	do	do	do	do	1,504	3,000	0 8 0
do	Gear godown	do	do	do	do	do	do	do	1,402	820	1 12 0
do	Transport lines office	do	do	do	do	do	do	do	400	272	1 13 10
do	Transport lines pharmacy	do	do	do	do	do	do	do	400	272	1 13 10
do	Work-shop	do	do	do	do	do	do	do	520	668	0 11 7
do	Followers' quarters	do	do	do	do	do	do	do	2,256	2,169	1 3 0
do	Followers' cook-house	do	do	do	do	do	do	do	2,010	1,397	1 7 1
do	Bakery oven-room	do	do	do	do	do	do	do	3,240	946	3 7 9
Commissariat lines.	Bakery kneading-room	do	do	do	do	do	do	do	3,460	684	5 1 11
do	Bakery store-room	do	do	do	do	do	do	do	3,480	864	4 0 3
<i>Civil Buildings.</i>											
Meiktila	Civil hospital	Double	Post on concrete	Nil	Nil	1" teak plank	Shingle	Concrete and asphalt below, teak above.	6,250	3,192	1 15 10
do	Civil cook-house	Single	do	do	do	Corrugated iron	Corrugated iron	Concrete	395	144	2 12 0
do	Civil latrine	do	do	do	do	do	do	do	358	192	2 0 0
do	Civil dead-house	do	do	do	do	do	do	do	225	120	1 14 0
do	Civil servants' quarters	do	do	do	do	do	do	do	625	240	2 0 8
do	Civil Hospital Assistant's quarters.	do	do	do	do	do	do	do	1,630	600	2 10 2
do	Civil cook-house	do	do	do	do	do	do	do	300	64	4 15 10
do	Civil latrine	do	do	do	do	do	do	do	63	25	2 0 0
do	Jail store-room	do	do	do	do	do	do	do	1,330	280	4 12 0
do	Jail pump-house	do	do	do	do	do	do	do	500	100	5 0 0
do	B. K. Department, blacksmiths' shop.	do	do	do	do	do	do	do	750	600	1 4 0
do	Military police cook-house	do	do	do	do	do	do	do	16	64	0 4 0
do	Military police latrine	do	do	do	do	do	do	do	10	30	0 4 0
do	Quarters for District Superintendent of Police.	Double	do	do	do	do	do	do	2,520	2,520	...
do	Cook-house for ditto	Single	do	do	do	do	do	do	288	288	...
do	Stables for ditto	do	do	do	do	do	do	do	...	...	...
do	Servants' quarters for ditto	do	do	do	do	do	do	do	...	...	...
do	Ditto ditto	do	do	do	do	do	do	do	...	...	...
Mahaing	Combined court-house and thana.	Double	Post on concrete blocks.	do	do	do	do	do	9,131	2,400	3 11 9
do	Inspection bungalow, Public Works Department.	Single	Posts	do	do	do	do	do	600	1,184	0 8 2
do	Ditto stables	do	do	do	do	do	do	do	100	200	0 8 0
do	Ditto cook-house	do	do	do	do	do	do	do	120	120	0 10 8
do	Ditto servants' quarters	do	do	do	do	do	do	do	50	200	0 4 0
do	Ditto latrine	do	do	do	do	do	do	do	25	25	1 0 0
do	Ditto sub-overseer's quarters.	do	do	do	do	do	do	do	258	258	1 0 0
do	Ditto stables	do	do	do	do	do	do	do	258	258	1 0 0

Meiktila—continued.

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Comparative cost of certain selected buildings in the Fourth Circle of Superintendence for the year ending 31st March 1892—concluded.

Division.	Locality.	Name of building.	DESCRIPTION AND HEIGHT OF WALLS, &c.						Roof.	Floor.	Cost.	Area.	Rate per superficial foot.
			Single or double storied.	Foundation.	Plinth.	Walls (to top of wall-plate).	Ft. In.	Thatch					
Meiktila—concluded.	Mahlaing	Civil Buildings—concluded.	Single...	Posts	Ft. In.	Mat	7 0	Thatch	Earth	...	Rs.	S. ft.	Rs. A. P.
	do	Inspection cook-house.	do	do	...	do	7 6	do	do	...	48	128	0 6 0
	do	Ditto latrine	do	do	...	do	7 6	do	do	...	32	64	0 8 0
	Pindalè	Inspection bungalow, Public Works Department.	do	do	...	do	7 6	do	Eng plank	...	19	25	0 13 4
	do	Ditto stables	do	do	...	do	7 6	do	do	...	1,184	1,184	1 0 0
	do	Ditto servants' quarters	do	do	...	do	7 6	do	Earth	...	140	280	0 8 0
	do	Ditto cook-house	do	do	...	do	7 6	do	Bamboo	...	205	800	11 4 1
	do	Ditto latrine	do	do	...	do	7 6	do	Earth	...	60	120	0 8 0
	do	Subdivisional Officer's quarters.	do	do	...	do	7 6	do	Eng plank	...	36	36	1 0 0
	do	Ditto cook-house	do	do	...	do	7 6	do	do	...	288	288	1 0 0
	do	Stable and servants' quarters.	do	do	...	do	7 6	do	Earth	...	52	64	0 8 0
	do	Inspection latrine	do	do	...	do	7 6	do	do	...	50	200	0 4 0
	do	Combined court-house and thana.	Double...	Posts on concrete blocks.	...	do	6 6	do	Eng plank	...	13	25	0 8 3
	Kyaukse	Public Works Department, 2nd class rest-houses with out-houses and fence.	Single on piles.	Posts	...	Half foot W. B. Half foot teak plank	10 0	Shingle	1" teak & b o v e, earth below	...	9,131	2,460	3 11 9
	do	Ditto	do	do	...	Mat	8 0	Thatch	Planked	...	1,500	1,400	1 1 2
TOUNGOO.	Paleik	Ditto	do	do	...	do	...	do	do	...	...	...	...
	Mogaung	Ditto	do	do	...	do	...	do	do	...	...	...	...
	Ywathit	Ditto	do	do	...	do	...	do	do	...	...	...	...
	Daygaung	Ditto	do	do	...	do	...	do	do	...	...	...	...
	Taungyi	Public Works Department rest-house.	Single	Concrete	...	Rubble masonry	12 0	do	Concrete	...	5,430	1,260	4 4 11
	do	Barracks for 52 men	do	Stone in mud	...	Stone in mud	9 0	do	do	...	12,073	2,948	4 1 10
	do	Half-barracks for followers	do	do	...	ditto	9 0	do	do	...	3,221	1,406	2 2 4
	do	Quarters for two British Officers.	do	Stone in lime	...	Stone in lime	13 6	do	do	...	6,782	2,479	2 11 9
	do	Quarters for two Native Officers.	do	Stone in mud	...	Stone in mud	10 0	do	do	...	1,666	576	2 14 3
	do	do	do	do	...	do	...	do	do	...	...	...	...
	do	do	do	do	...	do	...	do	do	...	...	...	...
	do	do	do	do	...	do	...	do	do	...	...	...	...
	do	do	do	do	...	do	...	do	do	...	...	...	...
	do	do	do	do	...	do	...	do	do	...	...	...	...

The 7th May 1892.

E. W. GATES,
Superintending Engineer, Fourth Circle.

2619
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2619/16
No. 11961-130G.

Burma.

PUBLIC WORKS DEPARTMENT.

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

Dated Rangoon, the 26th August 1892.

SIR,

IN continuation of this office No. *1882*, dated the 8th February 1892, I am directed to forward herewith *one* copy of addenda to the selected buildings and bridges in Burma and to request that you will be good enough to have them inserted in the statement relating to each division and circle to which they pertain.

I have the honour to be,

SIR,

Your most obedient servant,

C. H. H. H. H.

Assistant Secretary. 3/9.

Documents accompanying—

- (1) Memorandum of construction and cost of bridges exceeding 50 feet in length in Burma for the year ending the 31st March 1892.
- (2) Comparative cost of certain selected buildings for the year ending the 31st March 1892.

✓
No. 2619 Wd/21 September 1892

Recorded in
Continuation of No.
No. 512 Wd/17 Feb/1892

DUH
18.9.92 Day

Emile
Recd: 13.9.92

b.o. No. 512 Wd/17-2-92
1131 Wd/23-11-91

Utains at
rivers

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