M.R.O. 1—10,006—28-2-50.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No.	2832	Press
~~B.P.~~ No. 326-327		~~Mis.~~
Dated	22-11-	~~19~~58/73

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 22nd November 1873.

No. 326. Read the following letter from R. F. CHISHOLM, Esq., F.R.I.B.A., Consulting Architect to Government, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 23rd August 1873, No. 479:—

I HAVE the honour to forward you by dak banghy the plans and estimate for converting the old palace of Trichinopoly into Government offices.

2. In my letter attached to G. O., No. 84, dated the 12th November 1872, to the address of the Collector, paragraph 8, I estimated the cost of certain works as follows:—

	Rs.
Munsif's Court	9,000
Taluq Cutcherry and Subsidiary Jail	6,000
Registrar's Office	500
Do. Births and Deaths	800
Post Office	2,000
Cloth Market	3,000
Total...	21,300

By the details now submitted these works will actually cost as follows:—

	Rs.	
Munsif's Court	6,797	
Taluq Cutcherry and Subsidiary Jail Registrar's Office ... ... Do. Births and Deaths ...	... ...	10,008
Post Office	2,287	
Cloth Market and Police	5,198	
		24,290

In addition to the above works I have provided for the following:—

Town Magistrate's Court	1,819	
General Latrine	3,468	
Jail Latrine	772	
Making roads and approaches	3,496	
		9,555
Grand Total...		33,845

3. I have forwarded a copy of the plan and a blank estimate to the District Engineer, Trichinopoly, that he may fill in his own rates.

4. The nature of the work and the alterations proposed will be fully understood after the plans and specification have been examined.

No. 327. ORDER THEREON, 22nd November 1873, No. 2,832.

CIVIL WORKS, No. 20.

THE District Engineer, Trichinopoly, will at once undertake all preliminary work of demolition and removal of debris, for which a sum of Rupees 1,000 is provided in the estimate received with this letter. He has already in G. O., No. 2,687, of 3rd November 1873, been

authorized to utilize as much of the current year's grant of Rupees 15,000 as possible in the work of accommodating the taluq establishments, and he will report how much of that sum he expects to spend. The estimates of cost which in G. O., No. 84, of 12th November 1872, he was directed to prepare with reference to local rates not forthcoming as yet, to avoid further delay the Inspecting Engineer for Buildings and Consulting Architect to Government will arrange for proceeding together to Trichinopoly within, if possible, the current month, and then and there, in conference with the District Engineer, settling all further details preliminary to final report to Government.

2. It is remarked that in G. O., No. 1,313, of 17th September, it was recorded that a new Post Office was not to form one of the buildings to be provided for in the palace. The Consulting Architect will submit proposals for otherwise utilizing the building, after personal communication on the subject with the local civil authorities. He will take the same opportunity of ascertaining their concurrence as to the arrangement and amount of accommodation proposed for the several new offices included in the Consulting Architect's design.

3. His Excellency the Governor in Council acknowledges the careful manner in which the plans have been prepared, and the suitable adaptation of the buildings for the object in view.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Trichinopoly.
,, Inspecting Engineer for Buildings.
,, Consulting Architect.
,, Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies.

No 479

Consulting Architects Office
Madras 23d August 1873.

From

P. F. Chisholm Esqre F.R.I.B.A.
Consulting Architect to Govt.

To

Colonel G. K. Walker R.E.
Secretary to Government
Public Works Depart.

Sir,

I have the honor to forward you by Dak Bungly the plans and Estimate for Converting the old palace of Trichinopoly into Government Offices.

In my letter attached to G.O. No. 84 dated the 12th November 1872 to the address of the Collector Para 8 I estimated the Cost of Certain works as follows.

Munsiff's Court	Rs	9000 .. ..
Taluq Cutcherry & Subsidiary Jail		6000 .. ..
Registrars Office		500 .. ..
" Births & Deaths		800 .. ..
Post Office		2000 .. ..
Cloth Market		3000 .. ..
Total		21300-.-.-

By the details now Submitted these works will actually Cost as follows.

9000	Munsiff's Court	Rs 6797-.-.-
7200	Taluq Cutcherry & Subsidiary Jail Registrars Office do. Births & Deaths	" 10008-.-.-
2000	Post Office	" 2287-.-.-
		19092-.-.-

on different levels, and the ground has been gradually raised. It will be necessary to clear all the earth away from the buildings on the north and east sides as far as the dotted line, to make a slope neatly turfed outside this line of 7 ft. horizontal to 1 Vertical, and to gravel and form a good roadway between the dotted line and the main structure.

The more recent additions about the two Offices marked "Vakeels" and "Post Office" will be entirely removed, and the Latrines at present exciting ~~where~~ will also be removed and the principal entrance will be formed.

After all the parts so shown have been removed, each Courtyard will be taken in hand.

The whole of the plaster and ornamentation will be Knocked off and a careful examination made of the walls, where necessary portions will be removed or reconstructed and it may be deemed advisable to insert a few galvanized ties to Relieve exciting counterpoises as soon as the existing work has been thoroughly overhauled. All openings will be Knocked out or built up as the case may be in order that the several apartments may assimilate with the plan on the finished drawing).

Holes for ventilation will be constructed in the various roofs carefully covered in and protected by Gumlah ventilators according to the details shown on the drawing.

In consultation with the magistrate it would be advisable to lower the whole of the surrounding wall to a height of from 5 to 6 feet.

A new open work wall and gate will be constructed on the east side of the Police quarters as shown on the drawing.

The doors and others wood work will be made of Sound Teak free from flaws of any kind and of the best workmanship (A deduction of 10 per cent should be made when the doors are fixed and this sum of money should be retained in the hands of the local Officer for 6 months after the works have been completed and forfeited by the contractor if the wood proves to have been green when used.)

The whole of the plaster work exterior and interior will be executed in strict accordance with the drawings now furnished signed and dated by the Consulting Archt July the 25 1873. and in the absence of verbal instructions from that Officer the whole of the moulded portions, cornice, Arch Stones, Strings and bands will be white and the ground buff composed of plaster mixed in the following proportions.

Blue Sand	2½ parts
Chunam	10 "
Ochri	1 "

The exterior wood work will be painted 3 coats in Enamel paint to be supplied from Madras.

C. R. Chisholm
Consulting Architect to Govt

Estimate for converting the Palace of the late Nabob at Trichinopoly into Government Offices.

Detailed quantities.

Description	No.	Length	Breadth	Depth	Contents	Total
Cloth Market & Police						
Excavations for foundations - new walls	1	61.6	5.0	4-0	1,230	
					Cub. Yards	46
Concrete = 3/8 of Excavations =						Cub. Yards 17¼
Brickwork						
footings	1	61.6	3.9	1.6	345	
base	1	61.6	1.9	4-0	430	
Superstructure	1	61.6	1-3	10.6	807	
Pilasters	12	2-3	0.6	14.6	196	
Cubes	8	0.6	1.6	3.6	21	
New partitions to Police court.	5	6.0	1-3	11-0	413	
Forming plinth to S. face.	1	86.0	0.6	3.0	129	2,341
Deduct from Brickwork						
entrance gate	1	6.0	1-3	5-0	38	
Small openings in new walls	12	2.0	1-3	2-3	67	
Police court doorways	5	4-0	1-3	4.0	100	205
					Cub ft	2,136
					Cubic Yards	79
Plastering interior ceiling walls						
Police Court	1	84.0		15-0	1260	
"	1	23.6		20.0	470	
				Carried over Sup^l feet		1730

Brought forward Sup.ft. 1730

Police Court	"	2 30.0	13.0	1300
"	"	2 18.6	7.0	259
"	"	1 94.0	13.0	1222
"	"	1 41.6	6.0	249
"	"	1 48.0	14.6	1421
"	"	1 41.6	8.0	332
"	"	1 117.0	14.9	1726
"	"	1 48.0	11.6	552
"	"	2 41.0	14.0	1148
"	"	2 9.3	11.0	204
"	"	1 41.0	14.9	605
"	"	1 9.6	11.6	109
Cloth Market		2 160.0	14.0	4480
"		2 70.0	11.0	1540

Sup.ft. 16877

Squares 169

Plastering exterior

Cloth Market Sides of yard		1 259.0	20.0	5180
" front and rear		1 300.0	20.0	6000
New wall		2 61.6	14.0	1722
Police rear end		1 129.0	18.0	2322

Sup.ft. 15224

Squares 153.

Flooring with Sq. pavement Tiles.

Police Court		1 23.6	18.6	435
"		2 18.6	7.0	259
"		1 41.6	13.6	560
"		1 78.0	11.0	858
Cloth Market		2 70.0	12.0	1680
Between pillars		1 46.0	2.0	92
Iron Joists		6 6.0	3.3	117
"		21 4.0	1.6	126

Sup.ft. 4127

Squares 42.

Flooring with gravel 3" thick.

Cloth Market Yard		1 70.0	60.0	4200
Police ground		1 50.0	23.0	1150
"		1 46.0	9.0	414

Sup.ft 5764

Squares 58

Doors & windows. Venetians & Panel.

		18 4.0	8.0	576
Doors.		4 3.6	5.0	70
Windows				

Sup.ft. 646

Painting doors & windows. ~~each colour~~

Sum of Doors Windows x 3 —— Sup.ft. 1938

Squares 19½

Entrance Gateway. complete —— 1.

Small openings in New wall —— 12.

Tiling over Gateway including woodwork —— 2 20.0 —— 5.0 200

Squares 2

Ornamental Cornice N. face —— 85 Lin. feet

Ornamental Parapet over Cornice —— 85 Lin. feet

Ornamental Panelling below existing cornice Side of Cloth Market Yard —— 199 Lin.ft

Mouldings over Arches. Side of Cloth Market Yard —— 316 Lin.ft

Tube & Cap Ventilators —— 6.

N. B. Half quantity of wood only deducted from Brickwork the other half covering the cost of centring, archwork &c.

No deduction made for voids from Plastering and no allowance for jambs & Sills &c.

Town Magistrates Court.

Plastering interior walls & ceiling	1	74.0		14.6	1073
"	2	117.8		11.6	2706
"	2	45.3		22.0	1991
"	1	152.0		11.6	1748
"	1	133.0		11.6	1530
"	1	40.0		18.9	750
"	1	40.0		13.9	550
"	1	45.3		1.0	45
			Sup.ft		10393
			Squares		104

Plastering exterior.

Front & ends	1	134.6	20.0	2690
Pillars	5	6.0	14.0	420
above "	1	45.3	4.0	181
Sides of rooms	1	33.6	18.0	603
			Sup ft	3894
			Squares	39

Flooring with Sq. pavement Tile.

Yard	1	26.3	35.0	919
Walls.	1	45.3	43.0	1946
rooms.	1	40.2	12.0	482
"	1	40.2	8.10	355
Door jambs	26	5.0	1.6	195
			Sup ft.	3897
			Squares	39

Doors.

	2	4.0	8.0	64 Sup ft.
Windows with Iron bars	4	3.6	5.0	70 Sup ft.

Painting over Windows &c	3/16	5.0	10.0	2400
"	3/4	4.0	8.0	384
"	2/4	3.6	7.0	196
" Joists	1	45.3	14.5	652
				3632
			Squares	36½

Tube Hat Ventilators ——— 12.

Taluq Cutcherry including Registrars Offices Subsidiary Jail & Ryots Shed.

Excavation for foundations.

Court house partition	1	41.6	4.0	4.0	664
Sub jail "	2	16.6	4.0	4.0	528
				Cub. ft	1192
				Cub. Yards	44

Concrete under new partitions 3/8 of Excavation Cub. Yards 16½

Brickwork in partitions &c

Court house partitions	1	41.6	2.3	1.6	140
" "	1	41.6	1.3	12.6	649
" "	1	346.3 area		1.3	433
" "	2	9.1	1.3	11.0	230
Forming plinth N. face	1	46.0	0.6	3.0	69
Sub Jail "	2	16.6	2.3	1.6	111
" "	2	16.6	1.3	15.6	639
" "	1	213.9 area		1.3	267
" "	4	6.3	1.3	11.0	344
" "	1	7.6	1.3	11.0	103
Police inspectors rooms.	6	6.1	1.3	11.0	502
				Cub: ft ~~3438~~	3507

Deduct from Brickwork

Court house door.	2	4.0	1.3	9.0	90
" Windows	4	4.0	1.3	3.0	60
Record room door	2	4.0	1.3	4.0	40
Sub Jail "	5	4.0	1.3	4.0	100
Police & Inspectors room door.	6	4.0	1.3	4.0	120 410
				Cub: feet	3097
				Cub: Yards	115

Plastering interior walls & ceiling

Court house & Record room	1	298.0	12.6	3725
"	2	346.3 area		692
"	2	33.0	63.0	4156
" Pillars	5	6.0	6.0	180
Private, & Clerks room	1	182.0	14.0	2128
"	1	41.0	27.6	1128
			Carried over Sup ft.	12011

Brought forward			Sup^{c} ft.		12.011	
Verandah & entrance	1	207.0		14-0	2898	
"	1	68.6		27-6	1884	
" Public	1	159.4		13-6	2151	
"	1	64-6		23-6	1516	
Registrars Offices	1	270-0		12-9	3443	
"	1	80-0		28-9	2300	
Police Inspectors, Store & Passage	1	191-4		13-6	2583	
" "	1	50-2		23-6	1179	
Subsidiary Jail	1	228.4		12-0	2740	
"	2	213.9	area		428	
"	1	48-2		26-0	1252	
Jail Police & Passage	1	214-4		12-0	2572	
	1	50-2		29-9	1492	
Ryots Shed	1	85-0		9-6	808	
Pillars "	4	6-0		5-0	120	
"	1	22-6		20-0	450	
			Sup^{c} ft		39827	
			Squares		398	

Plastering Exterior

Sides & Yard	1	311-0	22-0	6842	
Court house back & ends	1	126-0	22-0	2772	
Sub. Jail back & ends	1	153-0	19-0	2907	
Registrars Offices front & ends	1	164-0	22-0	3608	
Ryots Shed	1	103-0	17-0	1751	
" ends	1	22-6	20-0	450	
" Pillars	3	6-0	14-0	252	
			Sup^{c} ft	18582	
			Squares	186	

Flooring with Cy: pavement Tiles

Court house & Records	1	63-0	43-0	2709	
" between piers	1	27.6	2-0	55	
" door pieces	7	4-0	1-6	42	
Private Mr. Clerks room	1	40.6	17-6	709	
" door piers	4	4-0	1-6	24	
Verandah & entrances	1	68-0	17-6	1190	
" " between piers	1	56-0	2-0	112	
" " door pieces	3	4-0	1-6	18	
Carried on			Sup^{c} ft	4859	

Brought forward			Sup^{c} ft	4859	
Public Verandah & passage Rs	1	114.9	15-2	1740	
" between piers	1	71.6	2-0	143	
" door pieces	2	4-0	1-6	12	
	1	80-0	18-4	1467	
Registrars Offices					
" door pieces	6	4-0	1-6	36	
Subsidiary jail	1	67-3	16-6	1110	
" door pieces	2	4-0	1-6	12	
between piers	9	6-0	1-6	81	
	1	33-9	19-0	641	
Police & passage					
between piers	1	8-0	2-0	16	
door piece	1	4-0	1-6	6	
Verandah front & side Regis^{r} Office	1	52-0	9-0	468	
Ryots Shed	1	43-0	26-0	1118	
			Sup^{c} ft	11709	
			Squares	117	

Flooring with Gravel 3" thick

Court yard	1	100.0	50-0	5000	
			Squares	50	

Iron Windows

Police Inspectors room & door	15	4-8	8-0	480	
windows	4	3-6	5-0	70	
door with glazed air tops	7	4-0	9-6	266	
Court house doors with air tops	2	4-0	18-0	144	
" windows "	4	4-0	6-0	96	
			Sup^{c} ft	1056	

Jail Ventilators with Iron bars 8 4-0 4-0 128 Sup^{c} ft

Sunshades over Jail Ventilators 8

Iron doors for Sub-y. Jail 7

Painting door windows &c ~~entrance~~

Court house doors	2/	2	4-0	18-0	288
" windows	2/	4	4-0	6-0	192
Coved & Venetians doors	3/	30	4-0	8-0	2880
" windows	3/	12	3-0	5-0	540
Iron doors	2/	7	4-0	8-0	448
Jail Ventilators	2/	8	4-0	4-0	256
Sunshades	2/	8	6-0	4-0	384
			Carried on	Sup^{c} ft	4988

Transport forward			Sup ft		4488
Doors with glazed circ tops	3	7	4.0	9.6	748
woodwork in Regts Office Verandah	1	54	0	9.0	486
				Sup ft	6722
				Squares	63
Entrance Gateway complete	1				
Lining over Gateway including woodwork	1	20.0		5.0	100
				Squares	1
Ornamental cornice N. face					56 Lin ft
Ornamental Parapet over Cornice N. face					56 Lin ft
Ornamental Parapet over sides of Court Yard					312 Lin ft
Semi circular ornamentation under existing Cornice sides of Court Yard					312 Lin ft
New Cornice for Regts Shed					106 Lin ft
Moulding over Arches sides of Court Yard					420 Lin ft.
Tube Cast Ventilators					20.

District Munsiffs Court & Wakeels Resort.

Excavation

Excavating earth to level of original floor in Wakeels resort.	1	25-0	25-0	3-0	1875
Entrance steps	1	17-0	7-0	1-6	179
				Cub feet	2054
				Cubic Yards	76

Brickwork

forming plinth E. face	1	195-0	0-6	3-0	292
	1	15-0	6-0	1-6	135
Steps	1	11-0	3-6	3-0	116
"				Cub: feet	543
			Deduct Cut Stone		55
				Cub: feet	488
				Cub: Yards	18

Cut Stonework

Steps.	1	88-0	1-3	0-6	55 Cub ft.

Plastering interior walls & Ceilings

Verandahs	2	218-0	14-6	6322
"	1	115-0	14-6	1668
"	2	117-0	15-0	3510
"	1	140-0	20-0	2800
Octagon hall	1	200	14-0	2800
Clerks rooms	1	150-0	14-6	2175
Record rooms	2	99-0	11-0	2178
Verandah ceiling	1	47-0	11-0	517
"	2	47-0	11-6	1081
"	1	47-0	30-0	1410
" Octagon hall	1	63-0	16-0	1008
Clerks rooms "	1	43-0	15-0	645
Record rooms	1	90-0	12-0	1080
Wakeels resort	1	22-0	22-0	484
"			Sup ft	27678
			Squares	277

Plastering exterior

Sides of Yard	1	172-0	20-0	3440
Front	1	87-0	24-0	2088
"	1	25-0	5-0	125
End	1	72-0	17-0	1224
Rear	1	140-0	17-0	2380
Valuels front & ends	1	75-0	19-0	1425
Dome	1	50-0	33-0	1650

Sup^{e} Ft 12332

Squares 123½

Flooring with Sq: pavement Tiles

Yard	1	43-0	43-0	1849
Verandahs	1	240-0	12-0	2880
"	2	43-0	11-0	946
Octagon hall	1	22-0	45-0	990
Clerks rooms	1	14-6	27-6	399
"	2	18-0	12-0	432
Valuels resort	1	25-0	25-0	625
Record rooms	1	43-0	10-6	452

Sup^{e} ft 8573

Squares 86

Doors Windows. Venetians & Panel

Doors	10	4-0	8-0	320
Windows	9	3-6	5-0	157
Doors with glazed ventops	8	4-0	9-6	304
" "	1	5-0	9-6	48
Ventilators over Oct: Hall	6	4-0	4-0	96

Sup^{l} feet 925

Painting doors windows ~~cat & labour~~

3/	10	4-0	8-0	960
3/	9	3-6	5-0	473
3/	8	4-0	9-6	912
3/	1	5-0	9-6	142
2/	6	4-0	4-0	192

Sup^{l} ft 2679

Squares 27

Ornamental cornice E. face	120 Lin: feet
Ornamental parapet over Cornice E. face	120 Lin: feet
Ornamental parapet over Valuels resort	65 Lin: feet
Ornamental corbels under existing cornice of Valuels resort	12 in N^{o}
Semi circular Ornaments over existing cornice sides of Yard	170 Lin: feet
Mouldings over Arches sides of Yard	308 Lin: ft
Ornamental capitals to Columns for Valuels resort	14 in N^{o}
Pinnacles	5 in N^{o}
Finials over Oct. dome	3 in N^{o}
Tube & Cap Ventilators	6 in N^{o}

Post Office.

Excavations.

Excavating earth to level of original fon	1	29-0	37-0	3-0	3219	
" new partition walls	1	31-0	4-0	4-0	496	
				Cub: feet	3715	
				Cubic yards		138

Brickwork in new partitions

~~1~~	~~31-0~~	~~2-3~~	~~1-6~~	~~105~~		
1	31-0	1-3	10-0	388		
			Cub: ft	~~493~~		493
				Co		
Deduct						
3 Doors	4-0	4-0	1-3	60		
2 "	3-0	4-0	1-3	30	90	
				Cub: feet	403	
				Cubic yards		15

Plastering interior

1	92.0	14-0	1288
1	37.0	14-0	518
2	16.6	14-0	462
2	16.6	12-0	396
1	71.6	15-0	1073
1	19.0	26.0	494

Supl. feet 4231

Squares 43

Plastering Exterior

walls			
1	147.0	20-0	2940
dome			
1	24.0	22-0	528

Supl ft 3468

Squares 35

Floring with Cg: pavement Tile.

1	30.0	37.0	1110

Squares 11

Dorm Windows

10	4-0	8-0	320
2	3-0	8-0	48

Supl ft 368

Painting Dorms.

3 x 368 = 1104

Squares 11

Ornamental parapet

130 Lineal feet

Ornamental Corbels under Cornice 18 in No.

New cornice on ~~three~~ two sides

74 Lineal ft.

Capitals to Columns

10 in No.

Pinnacles

4 "

Finial

1 "

Jail Yatrine.

Excavation for foundations

1	82.0	5-0	3-6	1435	
2	3.3	5-0	3-6	114	
				Cubic feet	1549
				Cubic Yards	58

Concrete =

2/4 of Excavation = Cubic Yards 17

Brickwork

4	11.0	2.6	1.6	165		
2	4.3	2.6	1.6	32		
2	2.3	2.6	1.6	17		
4	10.3	1.6	2.0	123		
2	1.6	1.6	2.0	9		
2	4.3	1.6	2.0	26		
2	8.9	0.9	1.6	20		
2	6.9	0.9	1.6	15		
2	10.3	0.9	2.0	31		
2	7.6	0.9	2.0	23		
4	9.6	1.3	9.0	427		
4	9.6	1.3	1.9	83		
2	4.6	1.3	9.0	101		
2	4.0	1.3	9.0	90		
2	1.3	1.3	9.0	28		
4	7.9	0.6	4.6	70		
2	3.0	0.6	4.6	14		
8	2.0	0.6	4.0	32		
6	2.0	2.0	1.0	24	1330	
Deduct from Brickwork						
2	4.0	1.3	3.6	35		
2	3.0	1.3	3.6	26	61	
				Cub. ft.	1269	
				Cubic Yards	47	

Open tile work

4	7.6		4.6	135
2	3.0		4.6	27
			Supl ft	162

Plastering Interior

Gables	2	39.0	10-0	780
Small partitions	2	7-0	3-6	49
	14	2-0	2-0	56

Sup. ft. 885

Squares 9

Plastering exterior

Gables	1	87-0	10-0	870
	2	9-6	3-6	67
	2	9-6	9-0	171

Sup ft. 1108

Squares 11

Teakwood

Breastsummers	2	10-0	0-8	0-6 7
	2	5-0	0-8	0-6 3
Rafters	44	8-0	0-4	0-2 20
Barge board	2	16-0	0-9	0-2 4
Angle pieces	2	7-6	0-3	0-3 1

Cubic ft. 35

Tiling

	1	38-0	17-0	646

Squares 6½

Flooring with Asphalte

	2	12-6	7-0	175
	1	9-6	4-0	38
	2	3-0	1-3	8

Sup ft 221

Squares 2¼

Filling in basement

	1	29-0	7-0	1-0 203

Cub. Yards 7

General Latrine

Excavation for foundations

end walls	2	29.6	4-0	4-0	944
front "	1	83-6	4-0	4-0	1,336
under seats	2	70-0	5-0	4-0	2,800
Thin walls	2	10-0	2-6	4-0	200
Piers	10	2-6	2-6	4-0	250

Cub ft. 5,530

Cub. Yards 205

Concrete = ⅜ of Excavation =

Cubic Yds 77

Add for Piers	10	2-6	2-6	2-6	156

Cub. Yds. 6

Cubic Yards 83

Brickwork

End walls footings	2	27.9	2-0	1-0	111
Piers "	8	2-0	2-0	1-0	32
Thin walls "	7	6-9	1-6	1-0	71
" "	2	10-0	1-6	1-0	30
"	2	66-0	0-9	10-6	1,040
"	4	6-0	0-9	10-6	189
"	38	2-6	0-6	4-6	214
"	38	2-6	1-0	1-0	95
"	46	3-3	0-6	5-6	411
"	38	0-6	0-6	1-0	10
End walls superstructure	2	27-0	1-6	6-6	526
" " Gables	2	27-0	1-6	5-3	425
Piers "	8	1-6	1-6	8-9	158
Thin walls "	7	7-6	0-9	3-0	118
" "	2	10-9	0-9	3-0	48

Deduct from Brickwork 3478

Entrances	2	6-0	1-6	5-0	90

Cub. ft. 3388

Cub. Yards 125½

Making New Road &c.

Making Road.

1	84-0	55-0	4620
1	53-0	50-0	2650
1	54-0	55-0	2970
1	120-0	35-0	4200
1	25-0	25-0	625
1	87-0	30-0	2610
1	44-0	32-0	1408
1	140-0	50-0	7000

Sup.l ft. 26083

Squares 261

Earthwork

Lowering ground opposite Palace 1 26083 area 2-0 52166

Cubic Yards 1932

Open Tile work

7	7-6	5-9	302
2	10-9	5-9	124

Sup.l ft 426

Plastering interior

1	83-0	7-3	602
2	24-0	12-0	576
2	66-0	14-0	1848
2	~~12~~ 0	16-6	396
462	-0	1-0	92

Sup.l ft 3514

Squares 35¼

Plastering exterior

2	27-0	12-0	648
10	3-0	7-0	210
2	10-9	1-6	32
2	7-6	1-6	22

Sup.l ft. 912

Squares 9

Teakwood

Ribs	8	0-6	0-6	10-6	21
	16	0-6	0-6	13-6	54
Principal rafters	16	16-3	0-5	0-4	36
Purlins	4	93-0	0-4	0-4	41
Com: rafters	89	17-0	0-4	0-3	126
Ridge	1	93-0	0-9	0-4	23
Barge board	2	34-0	0-9	0-1½	6

Cub: ft 307

Tiling roof.

1 34-0 93-0 3162

Squares 31¾

Asphalting floor.

1 86-0 24-0 2064 20¾

Filling in.

2 86-0 6-0 1-6 1548

Cub: Yards 57

Making New Road &c.

Making Road.

1	84-0	55-0	4620
1	53-0	50-0	2650
1	54-0	55-0	2970
1	120-0	35-0	4200
1	25-0	25-0	625
1	87-0	30-0	2610
1	44-0	32-0	1408
1	140-0	50-0	7000

Sup.l ft. 26083

Squares 261

Earthwork

Lowering ground opposite Palace 1 26083 area 2-0 52166

Cubic Yards 1932

Open Tile work

7	7-6	5-9	302
2	10-9	5-9	124

Sup.l ft 426

Plastering interior

1	83-0	7-3	602
2	24-0	12-0	576
2	66-0	14-0	1848
2	~~12~~ 0	16-6	396
462	-0	1-0	92

Sup.l ft 3514

Squares 35¼

Plastering exterior

2	27-0	12-0	648
10	3-0	7-0	210
2	10-9	1-6	32
2	7-6	1-6	22

Sup.l ft. 912

Squares 9

Teakwood

Ribs	8	0-6	0-6	10-6	21
	16	0-6	0-6	13-6	54
Principal rafters	16	16-3	0-5	0-4	36
Purlins	4	93-0	0-4	0-4	41
Com: rafters	89	17-0	0-4	0-3	126
Ridge	1	93-0	0-9	0-4	23
Barge board	2	34-0	0-9	0-1½	6

Cub: ft 307

Tiling roof.

1 34-0 93-0 3162

Squares 31¾

Asphalting floor.

1 86-0 24-0 2064 20¾

Filling in.

2 86-0 6-0 1-6 1548

Cub: Yards 57

Abstract.

Quantity	Item	Rate	Per	Amount	Total
	Civil Work Old and New				
Lump	Excavation for foundations	" 2 "	C.yd	5 12 "	
17¼ "	Concrete	4 " "	"	69 " "	
79 "	Brickwork in Chunam	6 " "	"	474 " "	
169 Square	Plastering interior	5 " "	Square	845 " "	
153 "	Do exterior	5 " "	"	765 " "	
42 "	Flooring with Square pavement tiles	15 " "	"	630 " "	
58 "	Do with gravel 3" thick	3 " "	"	174 " "	
646 Sup ft	Doors & windows Venetian panel	1 4 "	Sup ft	807 8 "	
19½ Squa	Painting do.	3 8 "	Square	68 4 "	
1 in No	Entrance gateway complete	100 " "	Each	100 " "	
12 "	Small openings in new wall	10 " "	"	120 " "	
2 Square	Tiling over entrance gateway including woodwork	25 " "	Square	50 " "	
85 Lin ft	Ornamental cornice N face	3 " "	L. ft	255 " "	
85 "	Parapet over do do.	2 " "	"	170 " "	
199 "	Ornamental panellings over sides of yard	1 " "	"	199 " "	
316 "	Mouldings over arches.	" 8 "	"	158 " "	
6 in No	Tube flap Ventilators.	10 " "	Each	60 " "	
	Contingencies at per cent			2478 " "	5198 " "
	Town Magistrates Court.				
104 Square	Plastering interior	5 " "	Square	520 " "	
39 "	Do exterior	5 " "	"	195 " "	
				Carried over Rupees.	715 " " 5198 " "

	Brought forward Rupees.			715	..	5198 ..
39 Square	Flooring with Sq: pavement Tiles	15	Square	585		
64 Sup ft	Doors.	1 4	Sup ft	80	..	
70 "	Windows with Iron bars.	1 8	"	105	..	
36½ Sqrs.	Painting doors &c.	3 8	Square	127	12	
12 in No	Tube & Cap Ventilators	10	Each	120	..	
	Contingencies at per cent			864	..	1819 ..
	Taluq Cutcherry including Registrars Offices, Subsidiary Jail, Ryots Sheds &c.					
44 Cub yds	Excavation for foundations	2	C. Yd.	5	8	
16½ "	Concrete	4	"	66	..	
115 "	Brickwork in Chunam	6	"	690	..	
398 Sqrs.	Plastering interior	5	Square	1990	..	
186 "	Do. exterior	5	"	930	..	
117 "	Flooring with Sq: pavement Tiles.	15	"	1755	..	
50 "	Do with gravel 3" thick	3	"	150	..	
1056 Sup ft	Doors and windows	1 4	Sup ft	1320	..	
128 "	Jail ventilators with Iron bars	1 8	"	192	..	
8 in No	Sun shades over do.	30	Each	240	..	
7 "	Iron doors for Jail	50	"	350	..	
63 Sqrs.	Painting	3 8	Square	220	8	
1 in No	Entrance gateway complete	100	Each	100	..	
1 Square	Siding over do. including woodwork	25	Square	25	..	
56 Lin ft	Ornamental cornice N. face	3	L. ft	168	..	
56 "	Do. parapet over do.	2	"	112	..	
312 "	Do. do over sides of Court yard.	2	"	624	..	
	Carried over Rupees.			8938	..	7017 ..

	Brought forward Rupees			8938	..	7017 ..
312 L. ft	Semi cir ornamentation over sides of Court yard	4	L. ft	78	..	
106 "	New cornice for Ryots Shed.	1	"	106	..	
420 "	Mouldings over arches sides of court yard.	8	"	210	..	
20 in No	Tube & Cap Ventilators.	10	Each	200	..	
	Contingencies at per cent			476	..	10008 ..
	District Munsiffs Court & Vakeels Resort.					
76 Cub. yds	Excavation	2	C. yd.	9	8	
18 "	Brickwork in Chunam	6	"	108	..	
55 Cub ft	Cut Stonework	1 8	C. ft	82	8	
277 Sqrs	Plastering interior	5	Square	1385	..	
123½ "	Do exterior	5	"	617	8	
86 "	Flooring with Sq: pavement Tiles.	15	Square	1290	..	
925 Sup ft	Doors & windows Venetian & panel	1 4	Sup ft	1136	4	
27 Sqrs	Painting do.	3 8	Square	94	8	
120 L. ft	Ornamental cornice E. face	3	L. ft	360	..	
120 "	Do parapet over do.	2	"	240	..	
65 "	Do do over Vakeelsroom	2	"	130	..	
12 in No	Do Corbels for do.	2	Each	24	..	
170 L. ft	Semi. cir. ornamentation under existing cornice sides of yard	4	L. ft	42	8	
308 L. ft	Mouldings over Arches do.	8	"	154	..	
14 in No	Ornamental capitals to Columns	5	Each	70	..	
5 "	Pinnacles	100	"	500	..	
3 "	Finials over dome	50	"	150	..	
	Carried over Rupees			641312	..	17025 ..

339

	Brought forward	Rupees.	6413	12	.	17025
6 in. No	Tube & Cap Ventilators	10 " " Each	60	"		
	Contingencies at per cent		3234	"		6797

Post Office.

138 Cub yds.	Excavation	" 2 "	C.Yds.	17	4	"
15 "	Brickwork in Chunam	6 " "	"	90	"	"
43 Sqrs	Plastering interior	5 " "	Square	215	"	"
35 "	Do Exterior	5 " "	"	175	"	"
11 "	Flooring with Sq: pavement Tiles	15 " "	"	165	"	"
368 Sup. Ft	Doors & windows	1 4 "	Sup. Ft	460	"	"
11 Sqrs	Painting do.	3 8 "	Square	38	8	"
130 L. Ft	Ornamental Parapet	2 " "	L. Ft	260	"	"
18 in No.	Do Corbels under cornice	2 " "	Each	36	"	"
74 L. Ft	New cornice	3 " "	L. Ft	222	"	"
10 in No.	Capitals to columns	5 " "	Each	50	"	"
4 "	Pinnacles	100 " "	"	400	"	"
1 "	Finials	50 " "	"	50	"	"
	Contingencies at per cent			108	4	" 2287 "

Jail Latrine

58 Cub. Yds.	Excavation for foundations	" 2 "	C. Yds	7	4	"
17 "	Concrete	4 " "	"	68	"	"
47 "	Brickwork in Chunam	6 " "	"	282	"	"
162 Sup ft	Open Tile work	" 4 "	Sup ft	40	8	"
9 Sqrs.	Plastering interior	5 " "	Square	45	"	"
11 "	Do Exterior	5 " "	"	55	"	"
35 Cub. ft	Teakwood	3 " "	C. ft	105	"	"
	Carried over	Rupees.		602	12	. 26109 "

	Brought forward	Rupees.	602	12	.	26109 "
6½ Sqrs.	Tiling roof	10 " "	Square	65	"	"
2¼ .	Flooring with Asphalte	30 " "	"	67	8	"
7 Cub yds	Filling in basement	" 1 "	C. Yd.	" 7	"	
	Contingencies at per cent			36.5	"	772 "

General Latrine

205 Cub yds.	Excavation for foundations	" 2 "	C. Yd	25	10	"
83 "	Concrete	4 " "	"	332	"	"
125½ "	Brickwork in Chunam	6 " "	"	753	"	"
426 Sup ft	Open Tile work	" 4 "	Sup ft	106	8	"
35¼ Sqrs.	Plastering interior	5 " "	Square	176	4	"
9 "	Do Exterior	5 " "	"	45	"	"
307 Cub ft	Teakwood	3 " "	C. ft	921	"	"
31¾ Sqrs	Tiling, roof	10 " "	Square	317	8	"
20¾ .	Asphalting floor	30 " "	"	622	8	"
57 Cub yds	Filling in	" 1 "	C. Yd	39	"	
	Contingencies at per cent			165	1	" 3468 "

Making Road &c.

261 Sqrs	Making Road	8 " "	Square	2088	"	"
1932 C. Yds	Earthwork	" 2 "	C. Yd.	241	8	"
	Contingencies at per cent			166	8	" 2496 "
	Taking down portions of Palace not required & removing debris					1000 "

Total Rupees. 33845 " "

Office of Cons. Architect to Government.
23rd August 1873.

H. Irishaw
Cons: Architect to Govt.

P.W. 4701/73.
G.O. no: 2832 - 22d Nov.

26-1-80

Old Palace at Trichy

Estimate.

Rupees 33.800 .. 0

August 187

Executive Engr.
Trichinopoly

No. 2832 P.W.D. Comm.
Pro: of the Madras Govt. 3751
Read the following

From
The Consg: Architect
to Govt.
(H. E. Lr. No. 479 of 23d Aug. 73.)

The Executive Engr. Trichinopoly will at once undertake all preliminary work of demolition and removal of debris for which a sum of Rs 1000 is provided in the Estimate received with this letter. He has already in G. O. Lr. No. 2687 of 3d Nov. 73 been authorized to utilize as much of the current

year's grant of Rs 15,000
as possible in the
work of accommoda-
-ting the Jalook Estab-
-lishments; and he
will report how
much of that sum
he expects to spend.
The estimates of cost
which in G. O. No. 84
of 12th November 1872
he was directed to
prepare with reference to local rates
not forthcoming
as yet, to avoid
further delay the
Inspecting Engineer
for Buildings and
Consulting Architect
to Government will

arrange for proceeding
together to Trichinopoly
within the current
month; and there and
there, in conference
with the District
Engineer, settling
all further details
preliminary to final
report to Government,
~~which shall be made~~
~~by the former officer~~
~~six days after with~~
~~all practicable~~ date.

It is remarked
that in G. O. No. 1313
of 17th September
it was recorded that
a new Post office
was not to form one
of the buildings to be
provided for in the

Jalook work - the Archi-
tect - Mr. Chisholm to report
Trichinopoly &c: - in com-
munication if need be (F) with
H. C. & P. Wks.

Palace

The ~~Consulting Architect~~ ~~Superintending Engineer~~ will submit proposals for otherwise utilizing the buildings; after personal communication on the subject with the local Civil authorities. He will take the same opportunity of ascertaining their concurrence as to the arrangement, and amount of accommodation proposed ~~to be afforded~~ to the several new offices included in the Consulting Architects design.

Lyon

H-326-27.

To The Superintending Engineer Rawalpindi with reference to the Govt Order No 1711 dated 22/11/75 — Copy forwarded for information and guidance.

Sd/- Illegible
for Secretary to the Govt of the Punjab
Public Works Department

No. 1711 dated Lahore the 22nd November 1875.

Copy forwarded to the Superintending Engineer Rawalpindi Circle for information and guidance with reference to his letter No 1711 dated 22/11/75.

Sd/- Illegible
for Secretary to the Govt of the Punjab
Public Works Department

No. 1711 dated Lahore the 22nd November 1875.

Copy forwarded to the Consulting Architect to the Government of the Punjab for information and guidance with reference to his letter No 1711 dated 22/11/75.

Sd/- Illegible
for Secretary to the Govt of the Punjab
Public Works Department

No. 1711 dated Lahore the 22nd November 1875.

Copy forwarded to the Executive Engineer Rawalpindi Division

C/247/1 ☆

Govt. of {1873} Madras.

PUBLIC WORKS.

To The District Engr
Trichinopoly

12.12

Dated

Recd. Encl. 1

G. O. 22 Nov. No. 2832

Nos. 326/527

P.W. Palace at Trichinopoly.

Papers relative to letter from Dist. Engr: Architect to Govt submitting plans & Ests for providing accommodation for Public Offices in the Palace.