No. 1353 Wa/29-4-92

2
Public
3

1845/92

4.5.92.

* The actual numbers will be neither less than these, as some of the juniors have probably been promoted to the Madras Code -

67
179
59
305

Very well. Let the letter issue with the U.O.
26/5/92

P. W. CURRENT No. 6739

Govt. of {1892} Madras.

ECCLESIASTICAL:

Issued 10.5.92

Recd. 30.11.92 Encl.

G.O., 21st June 189 , No. 47.

JUNE.

Ecclesiastical Rules.

Communicating to certain officers and departments corrigendum of the Government of India substituting a rule for Rule IX of Part I of the revised — regarding arrangements for digging graves and preparing coffins.

B

No. 1904 Wa/1st July 1892

Comm.d to
Communicated to
officers of the P. W. D.
officers of the Public Works
with reference
Department with reference
to G.O. 1887 Wa/14th
to G.O. 1887 Wa/14th August
1885 Cmg: 85

0.K.S.

0045
30.6.92

S.E.s
S.E.s
C.E.
2/7

2/7/92

Rec'd. order

Order—dated 21st June 1892, No. 47, Ecclesiastical.

Communicated to the Venerable the Archdeacon, the Most Reverend Archbishop Colgan, the Senior Chaplain, Church of Scotland, to all District Magistrates, the Public Works and the Military Departments and the Accountant-General with reference to G.O., dated 17th July 1885, No. 141.

(True Extract.)

Chief Secretary.

To the Venerable the Archdeacon.
,, the Most Reverend Archbishop Colgan.
,, the Senior Chaplain, Church of Scotland.
,, all District Magistrates.
,, the Public Works Department.
,, the Military Department.
,, the Accountant-General.

Exd. A. Raitt.

GOVERNMENT OF MADRAS.

ECCLESIASTICAL DEPARTMENT.

Read—the following paper:—

No. 170.

Government of India, Home Department (Ecclesiastical).

Corrigendum.

The following alteration in Part I of the revised Ecclesiastical Rules promulgated by Home Department Notification, No. 103, dated the 20th June 1885, is published for general information:—

Rule IX.—Substitute the following for this rule:—

Where there is a resident Chaplain he is responsible for the arrangements for digging a grave and shall, ordinarily, arrange for the preparation of a coffin. Should he find or anticipate difficulty in making private arrangements for the preparation of a coffin, he should apply in military stations to the senior Military officer, and in civil stations to the chief local Magistrate, to make the necessary arrangements; and these officers are authorized to direct any local Public Works officer to supply all that is necessary. The local Public Works officer would usually be the Executive Engineer of Military Works in military stations and the Civil Executive Engineer in civil stations; but the senior Military officer in a military station and the chief local Magistrate in a civil station may, in cases of emergency, direct the Civil Executive Engineer or the Military Works Executive Engineer, respectively, to make the necessary arrangements. The resident Chaplain is in all such cases responsible that timely notice is given to the Government officers who may be called upon to arrange for the preparation of a coffin.

The senior Military officer in a military station and the chief local Magistrate in a civil station may, should the resident Chaplain report that private arrangements for the preparation of coffins are not feasible, issue a general order on the Executive Engineer, Military Works, and the Civil Executive Engineer, respectively, to prepare coffins upon the requisition of the resident Chaplain. The expenditure incurred by the Executive Engineer will be held in his miscellaneous advance account till repaid by the officer under whose special or general order it was incurred.

During the absence of the resident Chaplain from the station the senior Military officer in a military station and the chief local Magistrate in a civil station shall be responsible for the arrangements for digging graves and preparing coffins.

Simla,
3rd June 1892.

(Signed) C. J. LYALL,
Secy. to the Govt. of India.

No. 2-Eccl.—171.

Copy forwarded to the Government of Madras for information.

(By Order.)

(Signed) H. LUSON,
Offg. Under Secy. to the Govt. of India.

P. W. CURRENT No. 2482

Rec: 27.4.92

No. 1533 Government Press, Madras
26th April 1892

Office Note

Under instructions from the Examiner of Public Works Accounts, Madras, conveyed in his letter of the 9th inst., No. 217 M., the undersigned submits that of the 50 copies of the Madras P.W.D. Code (edition of 1886), received for Sale, 4 copies were supplied free of cost to the Director General of Military Works, Simla, and 20 copies were sold. Of this latter, 9 copies were sold to the following persons

	Copies
Dist. Board Engineer, Gudalur	1
Vice President, Dist Board, Kistna	1
Supt. Army Clothing, Madras.	1
President, Taluq Board, Cocanada	1
Chief Engineer, Travancore	1
Sny. Dy. Collector, Nellore	1
Rev. C. Mullard	1
Major Porteous	1
Dist. Traffic Supt. S.I.R.	1

and the names &c. of the purchasers of the remaining 11 copies have not been recorded as they came in person for buying them.

2. The number of copies in hand is 26.

R. Hill
Superintendent

To

The Chief Engineer
Public Works Dept.

No. 535 / A 84-4-92

To W.

Herewith sent a printed list and a manuscript list, in continuation thereof, showing names of officers and subordinates who purchased copies of the P.W.D.Code.

2. In addition to these, the Superintendent of the Government Press has been requested to furnish you with a list of purchasers of the last 50 copies of the Code.

JJ 9/4
C.
JJ 9/7
(Encl 2)

No. 3116 W dy 24-11-86
" 830 W - 17-3-87
" 6 W - 4-1-92
" 65-6 W - 7-1-92
" 1190 C - 8-3-92
" 978 W - 24-3-92
" 1031 W - 30-3-92
" 1117 W - 5-4-92

Rd 11-4-92
E2

3959

Cunningham Mr. C.C. 27
Venkatachellam Chetty 28
Carmac Mr. J. 29
Ruthna Mudelly 30
Coopoosamy Naidu 31
Sankar Row 32
Balasoundrum Mudelly 33
Rawmuthoo Iyengar 34
C. Ramanna Pantulu 35
Sankara Subba Annavy 36
Romilly Mr. A. G 37
Venkatramier. S 38
Kodandaramayya Naidu 39
Krishnamundan Pillay 40
Streenivasa Iyengar 41
Local Fund Engineer
Nellore
Local Fund District Engineer Kistna
Local Fund Engineer
South Arcot
President District Board
Trichy
Local Fund Engineer
Bellary
Local Fund Engineer
Kurnool
President District Board
Nilgiris
Vice - do — Nellore.

No 1191 C

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, 8 March 92

OFFICE NOTE.

10/3

From W

To C

Please supply this office with a list of persons who have purchased the Madras Edition of the Public Works Code for their private use.

D

W

7/3

P.S.

W. dy 29 April 1892

To,

The Secretary to the Government of India,

P. W. Dept.

Sir,

In my letter No. 3174 W dated 26th November 1891, para 8, I was directed to request that in view to the adoption of the Government of India Code in this Presidency, 300 copies of Volumes I & II might be supplied for the use of this Government.

2. It is now found that if every officer, upper subordinate and accountant is, in accordance with existing orders, to be provided with a copy of the Code, a further supply of 100 copies of both Volumes will be needed

3. It is however

No.

Note for Hon: Member

By "this" in the last sentence of my note of the 21st instant, I meant free issue.

I think that if the Madras Code had been reprinted it would have been right to give free copies to those who had purchased the old code, and that the same principle should be followed now.

I do not think anything will be gained by making the official supply liberal, as in any case every officer and upper subordinate must possess a private

A.H.

I should in fact prefer to limit the official supply by withholding it fro subdivisional office the fewer books a records these office have, the better.

It would be no great hardship for officers to pay for the copies of the India Code, but subordi should I think ce tainly be supplie free.

The 401 copies the Madras Cod already issued pu a con erable num ber f ks and acc nts, an fo think that

1910

these need be pro for; the possess of the Code is not compulsory upon the former, and though it is so upon the latter, under existing rules, the rule might well be altered, as an accountant is always attached to an office & / ich the more will be requirable for them.

If the Govt of India will give us another hundred copies free they might be issued free to all officers, & not the latter should be expected to pay for their copies.

25/4 R 2/11

25.4

considered by this Government that accounta who always work in offices provided with service copies of the Code, will have access to these copies for use in connection with their ordinary official duties, and that there is therefore not the same necessity as exists in the case of subordinates of the Executive branch, for their being provided with private copies.

4. This point is one which His Excellency the Governor in Council would leave for the decision of the Govt of India; if the latter concurs in the views of this Government a reduction of 60 copies may be made from the 100 now applied for.

5. I am also to request that instructions may be given to the Superintendent of Printing, Calcutta, for the regular supply of Standing Orders corresponding to the number of copies of the Code which may be sanctioned by the Govt of India.—

29/4

27.4

the Department. It will thus be seen that if a free distribution of the Govt. of India Code is to be made to these persons, an additional supply will be needed.

In this connection, attention is invited to the undermentioned GO's:

3116 W dy 24th Nov. 1886
830 W dy 17th Mar. 1887

from which it will be seen that the new edition of the Madras Code was not issued free even to those who had paid for the former edition. I think that this should be done now.

21.4

OVB
21/4/92

* Which? Was issued, or issue as payment according to precedent?

I don't understand the grounds on which parties seem to lunch over of the Madras Code is proposed. The Madras Code would have had to be withdrawn at once if we had not adopted the India Code, and the old Edition would have been as useless as it is now.

But I believe we have got the 300 odd rupees, & we can't well make money off them. I think the best plan would be to make the official rate [illegible]

W dy 29 April 1892

To,

The Secretary to the Government of India,

P. W. Dept.

Sir,

In my letter No. 3174 W dated 26th November 1891, para 8, I was directed to request that in view to the adoption of the Government of India Code in this Presidency, 300 copies of Volumes I & II, might be supplied for the use of this Government.

2. It is now found that if every officer, upper subordinate and accountant is, in accordance with existing orders, to be provided with a copy of the Code, a further supply of 100 copies of both Volumes will be needed.

3. It is however

Deduct items 1 & 2 marked are supplied under correspondence.

360

12.39 [illegible]

D 9/2

Public 2

C No 1845/92

OFFICES.

1. Office of the addressee.
2. Subdivisional Office.

INDIVIDUALS.

3. Abdul Razzack Saib.
4. Abdur Razzak, Mr.
5. Abraham, Wolin Naidu, R
6. Adisaswamy Pillay.
7. Alagappa Chetty, J.
8. Alford, Sergt., Iyengar.
9. Appasawmy Naidu.
10. Appasawmy Mudly, N.
11. Appathorai Naicker,
12. Appathorai Naicker, M.
13. Appiah, Naidu, R.
14. Appiah, H.
15. Arnold, Abraham.
16. Arumasawmy Pillay.
17. Arumoogam Pillay, K
18. Arumoogam Pillay, P.
19. Arunachellam Pillay.
20. Arunachellam Sastry.
21. [illegible] Naidu, O [K]
22. Atchiah Naidu, K.
23. Atchuramiah, Mr. H.
24. Atkinson, Mr.
25. Authisshayyah, R.
26. Baboo Naidu, S.
27. Balasundrum Pillay.
28. Balasunda, D.
29. Baptrey, Mr. H. C.
30. Berlie, Anantha Pillay,
31. Bhagiaramiah, K. [T.S.]
32. Bhaskarasing, C.
33. Bhavarasing, Sergt. T. G.
34. Blake, Sergt. Mr. H. M.
35. Bond, Mr.
36. Briggs, Mr. C.
37. Brunn, Mr. C. H. B.
38. Burlton, [illegible]
39. Campbell, Mr. W. C.
40. Campbell, Mr. J. C.
41. Chalmaiah Naidu, K.
42. Chandrasakarow, K.
43. Cherry, Mr. J.
44. Chinnappa Pillay, C. W.
45. Chinnasawmy Iyengar
46. Chinnayya, M.
47. Chithambara Mudly,
48. Clarke, Mr. D. W. [P.]
49. Condiah, Chetty.
50. Coonarasawmy Achari, N
51. Cornelius Pillay, S. D.
52. Cornwell, Mr.
53. Cumbaswmy Mudly.
54. Cumbaswmy Pillay, K.
55. Cundasawmy Pillay, K.
56. D'Cruz, Mr.
57. D'Cruz, Mr.
58. DeMonte, Mr. H.
59. DeMorgan, Mr. W. C.
60. Desika Chari, K. R.
61. DeSouza, Mr. F.
62. DeSouza, Mr. W. B.
63. Dongrojee, Rev.
64. Domohe, Mr. P.
65. D'Silva, Mr.
66. Dumphy, Mr. D. M.
67. Emery, Corpl. W. L.
68. Enright, Mr. T. D.
69. Enright, Mr. T. D.
70. Fitzgerald, Mr. E. C.
71. Fonseca, Mr. J. F.
72. Fraser, Lieut.-Col. A.
73. Gangaya Sastri, V.
74. Gibson, Mr. S.
75. Gnanabaranum [illegible] V.
76. Gnanamuthia Pillay, P.
77. Gnanapragasam [illegible] lay.
78. Gopaldaswmy.
79. Govindaraja Mudly, V.
80. Govindarajooloo Naidu.
81. Grimes, Mr. J.
82. Gurayya Naidu, T.
83. Gurunathia Row, V.
84. Guruswmy Pillay, C.
85. Hannan, Mr. J. H.
86. Hanoomanna Subbier, C. R
87. Hariharaw Row, P.
88. Harris, Sergt.
89. Healy, Sergt.
90. Heriroe, Sub-Condr. F.
91. Heming, Mr. J. R.
92. Hemstrick, Mr. C.
93. Hoolcomb, Mr. C. A.
94. Huffton, Mr. W.
95. Hughes, Mr.
96. Inglis, Mr. J.
97. Jaganathum Puntulu, G. V.
98. Jaganathum Puntulu, K.
99. Jayaram Pillay, M. A.
100. Jones, Mr. U. N.
101. Joyce, Sergt. J. S.
102. Joyce, Sergt. E.
103. Juggiah, E.
104. Kalyanaraina Aiyar, R.
105. Kamasawra, Row.
106. Kamkachellam, J.
107. Kamniah Laul, B.
108. Kelley, Mr. J.
109. Kelley, Mr. J.
110. Kings, Mr. P.
111. Kistna, Row.
112. Kistna Row, V. V.
113. Kistna Row, Puntulu, K.
114. Kistnama Charia, K.
115. Kistnaswmy Aiyar, M. V.
116. Kistnaswmy Aiyar, M. V.
117. Kistnaswmy Iyah, P.
118. Kistnaswmy Mudly, P.
119. Kistnaswmy Row, A.
120. Kistnaswmy Sastry, S. V.
121. Kodandarama Aiyar, B. A., K. S.
122. Kothandaraina Aiyar, K. S.
123. Krishnasawmy Naidu.
124. Kuppuswmy Naidu.
125. Kuppuswmy Mudly, N.
126. Kuppuswmy Naidu, P.
127. Kuppuswmy Naidu, V.
128. Kutamba Row, T. V.
129. Lafrenais, Mr.
130. Lakshmiah, G.
131. Lakshmiah, Condr.
132. Lalor, Condr.
133. Latchmana Chetty, S. V.
134. Latchmiah Naidu, T.
135. Lazarus, Mr. W.
136. Lewis, Mr. W.
137. Littlewood, Mr.
138. Loam, Mr. H.
139. Mackenzie, Mr. A. T.
140. Mahony, Mr. J.
141. Mallikarjunia Naidu, K.
142. Manicka Naicker, M.
143. Manickaswmy Mudly, P.
144. Manrow, Mr. J.
145. Manrow, Mr. W.
146. Masilamoney Mudly, K.
147. Mathews, Mr. W. A.
148. Mellicott, Mr. J. H.
149. Meor Saderuddeen Saib.
150. Meor Saderuddeen Saib.
151. Mildred, Mr. J.
152. Mohuning, C. T.
153. Moses, Mr. P.
154. Moses, Mr. H. A.
155. Mohammad Rahmuddeen.
156. Munappa Mudly, S.
157. Munusawmy Naidu.
158. Murphy, Gunner T.
159. Murray, Mr. S. B.
160. Murrayya Mudly, C.
161. Murugesa Mudly, M.
162. Murugesa Mudly, P.
163. Murugesam, V.
164. Muthaiah Pillay, S.
165. Muthiah Pillay, S.
166. Muthuaswmy Achari, R. A.
167. Muthusawmy Iyer, T.
168. Mylappa Pillay, C.
169. Nagarathna Naiker, S.
170. Narasimha Aiyangar, K. S.
171. Narasimha Aiyar, K. S.
172. Narasimha Row, V.
173. Narasimha Pantulu.
174. Narasimulu Pantulu, M.
175. Narasinga Row, K.
176. Narayana Aiyar, V.
177. Narayana Aiyar, V.
178. Narayana Row, T.
179. Narayanaswamy Iyer, D.
180. Narayanaswamy Naidu, C.
181. Narayanaswamy Naidu, H. B.
182. Narayanaswamy Naidu, P.
183. Narayanaswamy Naidu, P.
184. Narayanaswamy, T. S.
185. Nathamani Aiyah, T.
186. Nathamani Mudly, C. J.
187. Neelakanta Sastry, A.
188. Nithianantha Mudali.
189. Noronho, Mr. E. S.
190. Padmanaba Aiyar, T.
191. Paparaja Pantulu, B.
192. Parthasarathy Naidu, D.
193. Parthasarathy Naidu, K.
194. Pattanaya Naidu, B.
195. Patton, Sergt. J. E.
196. Pears, Mr. S. D. [A.]
197. Pereira, Mr. A. C.
198. Pereira, Mr.
199. Pereira, Mr. J.
200. Periah Naidu, T.
201. Periaswmy Pillay.
202. Periaswmy Pillay, T.
203. Power, Condr. J. A.
204. Punchanatha Iyer, S.
205. Punchaprasasa Iyer, T.
206. Punchaprasasa Iyer, M.
207. Ragava Chari, T. T.
208. Ragava Iyengar, S. T.
209. Ragava Iyengar, S. T.
210. Ragavendra Row, T.
211. Ragavendra Row, K.
212. Ragaviah.
213. Rajagopala Chari, S.
214. Rajagopaul Iyengar.
215. Rajagopaul Mudly.
216. Rajagopaul Row, T. N.
217. Rajaram Row, K.
218. Rajarathnam Row.
219. Ramachendra Row, T.
220. Ramachendra Sastry.
221. Ramachendra Naidu, D.
222. Ramana Naidu, C.
223. Ramanaiah, Ponday.
224. Ramanjulu Naidu, P.
225. Ramanjulu Vardaya.
226. Ramanuja Pillay.
227. Ramanujum G. T.
228. Rama Row, Sastry.
229. Ramaswmy Mudly.
230. Ramayya Puntulu, K.
231. Ramiatha Row, T. N.
232. Reynolds, Corpl. O.
233. Robello, Mr. S. B.
234. Rodrigues, Mr. A. J.
235. Rosario, Mr. J.
236. Ruck, Sergt. W. [V.]
237. Rudrasetty Naidu.
238. Rules, Serjeana Row.
239. Rungasawmy Chari.
240. Rungachariulu, M.
241. Rungasawmy Naidu, C.
242. Rungasawmy Naidu, A. V.
243. Rungasawmy Naidu, C.
244. Runga Row, A.
245. Runga Row Naidu, A. V.
246. Rungiswmy Iyer, L. A.
247. Rungiah Naidu, C.
248. Rungiah Naidu, A. V.
249. Ruthnasabapathy Chetty, T.
250. Ruthnasabapathy Mudaly, F.
251. Sabapathy Mudaly, F.
252. Saldanha, Mr. S. X.
253. Salisbury, Mr. R. A.
254. Sama Row, T. L.
255. Sambasiva Aiyar, T.
256. Samiruthia Pillay, T.
257. Sashachellam, T. B.
258. Sasangapani Naidu, T.
259. Sashagiri Row.
260. Sashiah, M.
261. Sathasiva Pillay, N.
262. Sathasiva Pillay, T.
263. Sathiabha Row, D.
264. Sathiapathy Iyer, C.
265. Sathiaswmy Bhut.
266. Satthianna Row, T.
267. Satthianna Row, V.
268. Satthianna Row, V. [V.]
269. Sathiapathy Row, B.
270. Sivaswmy Bhut.
271. Sivasumkera H.
272. Slaney, Sergt. R. E.
273. Smith, Major A. C.
274. Smith, Sub-Condr. T. B.
275. Smithers, Mr. R. A.
276. Smyth, Mr. T. W. S.
277. Sreeneevasa Iyengar.
278. Sreenivasa Sastry.
279. Sreeneevasa Row, V. [A.]
280. Subbarayudu, V.
281. Subbarayudu Pantulu, V.
282. Subbaraydu Pantulu, V.
283. Subba Row, A.
284. Subba Row, B.
285. Subba Row Pantulu, P.
286. Subbiah Chari, M.
287. Subbiah Naidu, J.
288. Subbiah Naidu, V.
289. Subbiah Naidu, V.
290. Subramania Iyer, P. A.
291. Subramania Iyer, S. A.
292. Subramania Pillay, T. R.
293. Subragalo Naidu, G. M.
294. Sundraramiah Pantulu, K.
295. Sundravadivelu Mudly, V. A.
296. Sunkara Mudly, V.
297. Surianarasa Row, C. H
298. Suriaprecasa Row, T.
299. Suvisashumthoo Pillay.
300. Sydenham, Mr. J. A.
301. Syed Raza Hussain Kermani.
302. Taylor, Mr. C. W.
303. Taylor, Mr. L.
304. Taylor, Mr. L.
305. Theagesa Mudly, M.
306. Theagesa, Mr. V. A.
307. Thorogoodam Mdly
308. Todd, Mr. A. B.
309. Todd, Mr. J. D.
310. Trulli, Mr. C. W.
311. Trulli, Sergt.
312. Tyvett, Sergt.
313. Unamaheswara, P.
314. Valayuda Mudly, C.
315. Vardaraja Mudly, A.
316. Vardaraja Naidu.
317. Varadarajulu Naidu, A.
318. Varadarajum Mudly.
319. Vas, Mr. A. E. C. [C.]
320. Vasudeva Row, C.
321. Vathachella Mudly, P.
322. Vathanthacharulu, V. K.
323. Venkadasingam, P.
324. Vencata Row.
325. Venkatachariyulu, S.
326. Venkatarama Row.
327. Venkatarama, D.
328. Venkatchellum, D.
329. Venkatchellum Ch.
330. Venkatchellapathy, [D.]
331. Venkatkrishniah, Ch.
332. Venkatpragasa Iyer, V.
333. Venkatramanayya Pantulu, S.
334. Venkatramiah Chetty.
335. Venkataramayya Pantulu, C.
336. Venkatatnam, C.
337. Venkatarathnam, Naidu, M.
338. Venkatarathnam, Naidu, K.
339. Venkataratnam, D.
340. Venkataraya Iyer, P.
341. Venkataswmy Naidu, D.
342. Venkataswmy Naidu, P.
343. Venkatrow, P.
344. Venkatrow Pantulu, G.
345. Venkiah, D.
346. Venkiaswmy Naidu
347. Vijaragasulooa Naidu, S.
348. Viswanatha Mdli, T.
349. Viswanatha, P.
350. Viyasarama Pillay.
351. Vythilingum Pillay, [T.]
352. Walsh, Mr. G. T.
353. Walsh, Mr. JW.
354. Webb, Sergt. W. C. S.
355. West, Lieut. Mr. P.
356. Whitbread, Mr. J. J.
357. Whitelaw, Mr. J.
358. Whitlock, Mr. J. S.
359. Wilson, Mr. C. W.
360. Wood, Mr. G. D.
361. Wybrow, Mr. G. D.
362. Yavaraya Naidu, A

No 1191 C

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, ~~2nd July 1890.~~ 8 March 92

OFFICE NOTE.

From W

To C

Please supply this office with a list of persons who have purchased the Madras edition of the Public Works Code for their private use.

(Sd) J Pal

29/3

No. 1845/92

Public 7

10/3

W. 2 1892

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with a copy of the Code, a further supply of 100 copies of both Volumes will be needed

3. It is however

[C. No. 1112.]

Invoice of Standing Orders to Madras Public Works Code and Forms.

The Examiner of Public Works Accounts has the honor to forward herewith for distribution, as noted in the margin, to certain individuals and offices named in the following list, sets of Standing Orders to the Madras P. W. D. Code and Book of Forms as detailed below:—

S. Os. to Code and Appendices No. to
do. Book of Forms No. to

2. The issue of the following numbers is delayed, and they will be sent in due course:—

S. Os. to Code and Appendices No. to
do. Book of Forms No. to

3. No acknowledgment is required, and it is particularly requested that none may be sent; but if any number or numbers in the series of Standing Orders are not received in due course, the fact should be intimated to the Examiner, first referring to para. 2 of last invoice to hand in order to obviate needless inquiries regarding numbers known to be unavoidably delayed.

4. If any individual indicated in the margin has been transferred to any other office, the Standing Orders intended for him should be forwarded to the office to which he has been transferred.

Distribution.									
No. in List.	No. of sets of			No. in List.	No. of sets of			No. in List.	No. of sets of
	S. Os. to Code.	S. Os. to Forms.			S. Os. to Code.	S. Os. to Forms.			
1	2	3	4	1	2	3	4		
			1				21		
			2				22		
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			4				24		
			5				25		
			6				26		
			7				27		
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			10				30		
			11				31		
			12				32		
			13				33		
			14				34		
			15				35		
			16				36		
			17				37		
			18				38		
			19				39		
			20				40		
C. O.				B. F.					
Total.				Total.					

N. B.—If nothing is entered in Col. 2, only a single set is sent for the number concerned.

23-1-90—2000.

have sent to the Printers a case if which was adopted the India Code, and the old Edition would have been as useless as it is now.

But I believe we have got the 300 off free, & we can't well make money off them. I think the best plan would be to make the official Supply 25/4

P.S.

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

Read—the following papers:—

From the Superintendent, Government Press, dated 15th November 1890, No. 3842, and 24th January 1891, No. 225.

Order—dated 21st February 1891, No. 130, Public.

His Excellency the Governor in Council approves of the suggestion made in the papers read above that all Government publications should be published and sold at the Government Press, and this procedure will be followed in future.

* * * *

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Superintendent, Government Press.
,, Departments of the Secretariat.
,, all Heads of Departments under the Chief Secretary.

Exd. P. L. Pereira.

sent for subscr...
23-1-90—2000.

Govt. of {1891} Madras.

PUBLIC.

Issued

Recd. Encl.

G.O., 21st February 1891, No. 130.

FEBRUARY.

Government Publications.

Directing that in future all — should be published and sold at the Government Press.

No. 741 W dy 13th March 1891

Comd to offices of the P.W. department.

Sdl J. L. W.

The C.E. for I
C.E. for Ry
S.Es
Cons. Archt
Exr. P.W. Acts
Exr. Ry. Acts.

Public Dept
2
1845/92

Government of Madras.

1892

P. W. DEPARTMENT.

CURRENT No. 4615.

From The Superintending Engineer 4 Circle

ENCLOS —

No. 204/10
Dated 30. 4. 92
Received 2. 5. 92

SUBJECT.

All Souls Church School at Coimbatore

Submitting copy of letter from the Ex. Engr. Coimbatore Dn. informing that the certificate of rent for — was sent to the Chaplain on the 21st November 1891.

DISPOSAL.

No. 2319 C dated 3rd May 1892
Communicated to the Ecclesiastical department with reference to the order in that dept. no 27 dy 6 april 1892.

Sdl J. L.
W

1225 W dy 13.4.92
3246 W dy 3-12-91
3041 W dy 16-11-91
2219 C dy 23-4-91
2089 C dy 15-4-91
317 W dy 3-2-91
3283 W dy 10-12-90
1887 W dy 15-7-89

Government of Madras.

189 2

P. W. DEPARTMENT.

CURRENT No. 4719

From the Ecclesiastical Department

Enclos—

No. 772

Dated 3 5 92

Received 4 5 92

Subject.

Regs: reply to Expedite the report called for with reference to para 2 of Go. no 27 dy 6-4-92, by a telegram.

Disposal.

No. 23430 dated 4 th May 1892

office note

1st row
The Secy: to Govt P.W.D

To The Hon. the Chief Secy:
Ecclesiastical dept.

Please see the communication transferred

with my endorsement no 2319 cdy 3 May 1892. The Executive Engineer seems to have done what was requested of him.

by Jb.

W

2319 c dy 3. 5. 1892
1225 W dy 13. 4. 1892
3246 W dy 3-12-91
3071 W dy 16-11-91
2219 c dy 28. 4. 91
2089 c dy 15. 4. 91
317 W dy 3-2-91
3283 W dy 10-12-90
1884 W dy 15-2-89

REVENUE DEPARTMENT.

1892.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Printed May 25th.

Proceedings, 17*th May* 1892, *No.* 367.

Submitting to Government, with remarks, report on the state of the season in Ganjam for the month of April 1892.

Stations.	Prices in seers of 80 tolas.						
	March.		April.			May.	
	1892.	1889.	1892.	Normal.	1889.	7th, 1892.	1889.
1	2	3	4	5	6	7	8
			Rice, second sort.				
Rambha	13·0	9·0	12·8	15·7	10·6	11·0	9·8
Russellkonda	12·0	10·5	12·0	14·0	11·0	12·0	11·0
Surada	12·3	11·4	12·3	15·6	11·0	12·3	10·6
Aska	13·2	11·0	12·1	17·1	11·0	11·8	11·0
Purushottapur	12·8	12·5	12·8	17·4	13·0	12·0	12·0
Berhampore	11·3	11·0	11·0	13·9	11·0	12·0	10·8
Ichapur	11·0	10·3	11·0	14·1	10·1	11·0	10·0
Sompet	11·5	11·4	12·2	16·6	11·4	12·0	11·4
Tekkali	10.1	12·1	11·3	19·0	12·1	11·3	12·1
Narsannapet	11·3	12·4	11·3	15·7	12·8	11·6	12·1
Parlakimedi	12·0	12·1	12·1	17·1	12·1	12·8	12·1
Chicacole	10·0	11·0	10·0	14·3	11·0	10·8	10·0
Average ..	11·7	11·2	11·7	15·9	11·4	11·7	11·1
			Ragi.				
Rambha	18·2	14·7	17·9	26·7	14·7	19·0	13·9
Russellkonda	17·2	18·2	16·4	27·3	19·1	15·8	17·3
Surada	17·3	19·0	19·0	24·9	17·0	19·7	15·8
Aska	15·8	16·8	16·8	27·3	16·8	16·2	16·8
Purushottapur	18·8	20·3	19·1	30·0	21·9	17·3	16·8
Berhampore	18·0	18·2	17·6	24·9	18·7	19·5	18·6
Ichapur	16·7	16·2	16·2	26·7	16·2	18·0	16·2
Sompet	19·6	19·4	20·0	29·6	19·8	21·6	17·6
Tekkali	19·1	21·0	19·0	29·0	20·3	21·0	19·0
Narsannapet	19·4	20·7	19·4	29·8	21·7	21·0	19·0
Parlakimedi	20·5	20·3	20·3	30·1	20·3	22·5	20·3
Chicacole	18·0	20·7	18·0	28·1	19·8	16·4	18·0
Average ..	18·2	18·8	18·3	27·9	18·8	19·2	17·4

The exports by sea, which had been large up to March, shrank to 3,934 cwts. only in April. No reference is made by the Collector to the trade by land from Orissa or towards Vizagapatam. The people are reported to show no change in their condition, and, on the 16th April, 46,326 persons were employed on the various public works going forward in the district. These works have for months past given employment to many thousands on good wages, which must have allowed of their making considerable savings which will help them to tide over till the monsoon. Of the above number 27,640 were employed on those sections of the railway works which were to be closed on the 10th current, owing to the want of funds. The necessity for closing the works is to be regretted, but it is hoped that the heavy rains which are now due will afford agricultural employment to all in need and do away with the necessity for starting relief works. Should it be otherwise, no better relief work could be found than the carrying out of the earth-work of the railway, at famine rates.

4. In the Chicacole taluk and Tekkáli division, 62 loans for well-sinking have been granted and on 61 advances to the amount of Rs. 5,431 have been made and 51 wells are in progress by the aid of these loans. The Commissioner is glad to observe the progress and trusts that the efforts of the Divisional officer and the Taluk officers will in the future meet with increasing success in this most useful work.

(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department.
„ Collector of Ganjam.

Lxd. A. D. Xxavier.

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

READ—the following paper:—

Despatch from the Right Honorable Lord CROSS, Her Majesty's Secretary of State for India, to His Excellency the Right Honorable the Governor in Council, Fort St. George, dated India Office, London, 3rd March 1892, No. 8, Financial.

I forward a copy of correspondence with Mr. _____, relative to the grant to him of six months' extraordinary leave without pay, subject to confirmation by your Government; and I have to call your attention to the report from the Accountant-General at Madras, dated the 5th of December last, No. A.D.H.—307, wherein it is stated that, "Mr. _____ being on special leave in Europe, the grant of extraordinary leave in continuation of special leave rests entirely with the Secretary of State, under Article 366 of the Civil Service Regulations, and the previous approval of the Local Government to its grant does not seem to be necessary."

Letter from, dated 1st Feb. 1892, and enclosure.
" to " 2nd " " "
" to " 11th " " "

2. The Accountant-General had evidently overlooked Article 268 of the Civil Service Regulations, the provisions of which have been in force since 1883, when it was laid down, at the request of the Government of India, that officers desirous of receiving extensions of leave otherwise than on medical certificate should be required to produce with their applications evidence that the Local Government has no objection thereto. Since that date it has been the invariable practice at this office not to grant extraordinary leave, in excess of one week, except on medical certificate, without the previous assent of the authorities in India.

3. Mr. _____ properly asked your Government for your assent to his applying to the Secretary of State for the grant of additional leave on the ground of private affairs; and I request that the attention of the Accountant-General may be drawn to the error in the reply given by him to Mr. _____'s application.

—

No. 635.

Referred to the Accountant-General for remarks.

FORT ST. GEORGE,
6th April 1892.

(Signed) J. F. PRICE,
Chief Secretary.

—

No. 1459.

Returned, with the remark that the report on Mr. _____'s case was made under the impression that the leave required by Mr. _____ being extraordinary leave "otherwise than under the Civil Service Regulations" (see Civil Service Regulations, Article 366), the provisions of Article 268 of those regulations were not applicable.

2. The ruling of the Secretary of State has been noted and will be followed in future.

FORT ST. GEORGE,
17*th May* 1892.

(Signed) T. W. RAWLINS,
Accountant-General.

To the Chief Secretary to Government,
Financial Department, Fort St. George.

ORDER—dated 25th May 1892, No. 355, Public.

Recorded.

(True Extract.)

Chief Secretary.

To the Departments of the Secretariat.

Exd. A. Raitt.

P. W. CURRENT No. 6016

Govt. of {1892} Madras.

PUBLIC.

No. 1727 W dt 10 June 92

Recorded.

10 S.C

Issued

Recd. 9. VI. 92 Encl.

9. 6. 92

G.O., 25th May 1892, No. 355.

MAY.

Extensions of Leave.

Recording despatch from the Secretary of State ruling that officers desirous of receiving — otherwise than on medical certificate should be required to produce with their applications evidence that the Local Government has no objection thereto.

Extract 11/6

J 13/6

J.C. 11/6

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

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Accountant-General.

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Recorded.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Departments of the Secretariat.

Exd. A. Raitt.

Govt. of {1892} Madras.

PUBLIC.

No. 1727 Wdy 10 June 92

Issued

Recd. *Encl.*

Recorded

G.O., 25th May 1892, No. 355.

(Signed)

C. B. Boddy Major R.E.

Under Secretary to Govt

MAY.

Extensions of Leave.

Recording despatch from the Secretary of State ruling that officers desirous of receiving — otherwise than on medical certificate should be required to produce with their applications evidence that the Local Government has no objection thereto.

To The Examiner P. Wacs

PROCEEDINGS OF THE BOARD OF REVENUE

(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

MR. CLOGSTOUN.

READ—the following letter from E. C. JOHNSON, Esq., Collector of Ganjam, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Berhampore, 5th May 1892, Tour C. No. 39-Ver. :—

I have the honour to submit my report on the state of the season for the month of April 1892.

2. *I. Rainfall and general prospects.*—The average rainfall for the district in the month was 0·45 against a 10 years' average (as given in Board's Proceedings, dated 27th July 1891, No. 458) of 0·65. For the northern half of the district, the average was 0·60; for the southern 0·17, the former being thus nearly up to average, the latter much below it. It is, however, normal that the bulk of what little rain falls in this month should fall in the more hilly northern portion of the district. The average fall is slightly below normal.

3. What rain has fallen has not been sufficient to modify the situation except in so far as it has enabled the cultivator to commence ploughing here and there. It has not been sufficient to afford any supply of water for drinking purposes or to bring on a growth of grass.

4. The situation thus remains practically unchanged except in one material point. Owing to want of funds the officers in charge of the East Coast Railway have been obliged to stop work on the northern section, *i.e.*, all that lies north of Tillaru, a station some 10 miles north of the Vamsadara river. The stoppage of work north of Kasibugga I do not look upon as of any great importance; north of that point there was but little total failure of crop, and the Rushikulya project and work on the Ichápur-Jarada and Berhampore-Govindapur road will provide a great deal of employment; but between Tillaru and Kasibugga lie the villages (chiefly in Tekkali division) where failure has been greatest and where distress is most prevalent. The stoppage of work on this section is looked upon by my Principal Assistant Mr. Andrew as most serious. He writes as follows :—

"All along I have calculated on the railway providing employment on the different sections up to the end of June to the extent that the Engineers from time to time informed me. I never calculated on this sudden and unforeseen stoppage of work.

"It must not be supposed that the ryots and coolies have been in flourishing condition all the time, for such has not been the case. In many villages the women and sickly men and children have been having but a poor time of it; still their condition has not been such as to cause uneasiness, and I have been able to give them work on minor tanks and other petty works. Things will be very different now if all these coolies north of Tillaru are thrown out of employment. It must be remembered that that portion of the line in my division at least passes almost entirely through non-Government villages where we cannot provide the people with work on minor irrigation tanks . . .

"The railway work must be done some time or other, that money must be spent and it is far better that Government should from some source or other advance the necessary money to the railway rather than to the District Board which owes quite enough already."

5. Mr. Andrew proceeds to urge strongly that, if possible, arrangements should be made to continue till the end of June earthwork and ballasting on the section from Tillaru to Kasibugga, a distance of about 30 miles. I agree with him that this is most eminently desirable, but the Engineer-in-Chief informs me that he cannot provide another rupee for the work and refers me to Government. It is, I fear, useless to point to the great waste of money which must necessarily result from the stoppage of work; that it must necessarily be very serious, my experience of stopping work on the Bellary-Kistna line in 1886 too clearly warns me. But no doubt where money must be spent within a very short period, it is surely false economy to risk even a chance of being involved in famine relief expenditure, if the risk can be avoided by the advance for railway works of a comparatively small sum. An extra lakh would certainly admit of all I ask being done, *i.e.*, carrying on till the end of June earthwork and ballasting on 30 miles of line.

6. Meanwhile by starting work on the Tekkali-Anantagiri road and preparing for roads to cost Rs. 16,000 along that portion of the railway line (*vide* my letter No. R. C. 651-Ver., dated 5th ultimo), I am doing my best to provide work in lieu of that afforded by the railway, but this is possible to a small extent only. I wired to you two days ago to expedite, if possible, a grant of Provincial funds in aid of Local for these works, and request that sanction, if accorded, may be intimated to me by wire.

7. *II. Agricultural operations.*—But little in the way of agricultural operations is to be expected in April. Some red and green gram has been harvested with an average outturn of 8 annas; sugar-cane, outturn 12 annas; ragi, outturn in Ichápur khandam 8 annas, in Sómpet only 2 annas. In a few places gingelly and sugar-cane have been sown.

8. *III. Prices.*—Prices continue very steady; there is a very slight tendency to rise. In the margin* are given the average prices of rice and ragi for the last week of March compared with those in the last week of April. Other grains are used to so very slight an extent that they are not worth quoting. Markets seem to be well stocked. Exports by sea show little variation from last month, being as marginally noted.†

*	Rice.	Ragi.
Last week in March	11·97	19·10
Do. in April	11·74	18·98

† Export of food-grains during month of April.

	Cwrs.	Value. Rs.
Rice	3,986	16,801
Paddy	*Nil.*	*Nil.*
Ragi	38	117
Total	3,934	18,718

Imports.—*Nil.*

9. *IV. Condition of people—V Coolies on works.*—In this respect no change is at present apparent. The number of coolies employed on various works throughout the district for the fortnight ending 15th April last (for which I have full returns) was 46,326 per diem. Of these, 27,640 were employed on those sections of the railway now about to be closed. This will show what a grave matter the stoppage of work cannot fail to prove.

10. *VI. Well-sinking by aid of State loans.*—Here at last I am glad to be able to report progress. I have not as yet full returns for the month to hand, but in Chicacole taluk and Tekkali division out of 88 applications pending and received, 62 have been accepted and on 61 of these advances have been made to the extent of Rs. 5,431–4–0. Fifty-one wells are reported to be in course of construction. This of course affords a considerable amount of work for laborers. I consider that the Principal Assistant Collector (Mr. Andrew), the Tahsildar of Chicacole (A. Gurumurthy Naidu, and the Deputy Tahsildars of Tekkali (A. Kameswararow Naidu) and of Narasannapet (K. Venkatarazu Pantulu) deserve great credit for their success in this direction. Statement containing particulars will follow as soon as full information is to hand.

11. *VII. Grazing.*—There is no change in this respect. Cattle, especially buffaloes, are feeling the want of grass and water much. I am just arranging with the District Forest-officer to open the Mohiri forest reserves to free grazing for the next

two months. Numbers of wells and small pits are being sunk for the improvement of drinking-water supply by the Chicacole, Parlákimedi and Berhampore Taluk Boards. Of Rs. 10,000 allotted for the purpose in this year's Local Fund budget, nearly Rs. 8,000 have been already expended, and should much more expenditure under this head be found necessary, I fear I shall have to apply for a Provincial grant-in-aid, the District Board reserve being almost exhausted.

12. To sum up, the closing of the railway works is the only change in the situation; one which gives ground for grave apprehension. However the rains should be here so soon now (we should have an average of over 2 inches in May) that if only all goes well, I trust even without the railway work, the people may be able to hold out. But it would be a very great relief to me to know that earthwork and ballast could be prosecuted for 2 months longer on the southern 30 miles of the northern section of the East Coast Railway.

RESOLUTION—dated 17th May 1892, No. 367.

Submitted for the information of Government.

2. During April, the rainfall on the Ganjam littoral is usually scanty, but in the inland and hilly portions of the district there is usually a moderate amount of rain. During the month under report the fall in the last-mentioned portion of the district was not much below the average, but in the former section only a few trivial showers fell, and these were lightest towards the south of the district, where alone the situation is at all grave. So far, during May very little rain has fallen in the district, as will be seen by the marginal table, but with the setting in of the south-west monsoon general rain may be expected throughout the district, heavier on the southern coast and the hilly portions than on the northern coast section.

Stations	April. 1892.	April. Average.	May. 1892 up to 14th.	May. Average.	June. Average expected.
Coast tract.					
Purushottapur	0·62	0·63	0·32	1·76	5·53
Ganjam	†	0·49	..	1·50	4·59
Chatrapur	0·52	0·66	..	1·83	4·82
Berhampore	0·08	0·52	0·15	1·62	5·11
Gopálpur	0·15	0·85	0·01	2·05	5·88
Ichápur	0·90	0·84	0·83	1·82	4·98
Sómpet	0·10	0·46	..	3·04	3·28
Pundi	0·44	0·47	0·17	1·81	3·39
Tekkáli	0·15	0·25	0·80	2·28	3·95
Narsannapet	0·09	0·15	0·04	2·43	3·02
Calingapatam	0·07	0 36	..	2·27	4·11
Chicacole	..	0·52	..	2·26	3·76
Average	0·26	0·52	0·19	2·06	4·37
Inland or hill tract.					
Balliguda	0·45	0·31	..	1·68	7·20
Udayagiri	1·50	2·46	1·10	5·09	7·39
Russellkonda	1·01	1·27	0·30	3·68	6·88
Suráda	0·99	1·30	..	3·26	6·45
Aska	0·97	1·35	1·05	3·40	6·19
Pattupur	0·80	1·18	0·40	3·00	6·15
Parlákimedi	0·30	0·84	0·15	3·54	5·97
Average	0·86	1·24	0·43	3·38	6·60
District average	0·48	0·83	0·28	2·51	5·24

The rain that has fallen has not been sufficient to cause any alteration in the agricultural prospects of the district. Agricultural operations are practically at a standstill. Grazing is very scarce and the cattle are feeling the want of water and fodder. The Collector is arranging to throw open the Mohiri forest reserves for free grazing for the next two months. His attention will be drawn to G.O., dated 9th January 1892, No. 30 [*vide* Board's Proceedings, dated 23rd February 1892, Forest No. 88 (Land Revenue)] on the subject of levying fees in such cases.

3. Prices for the district as a whole have been fairly steady, but are becoming equalized throughout the district generally for rice, though in the prices of ragi there are considerable variations in different parts. Rates are, as shown below, but little easier than they were in the corresponding month in 1889 when the district was suffering from severe famine; but the markets are well stocked and the pressure of high prices is not severely felt.

Stations.	Prices in seers of 80 tolas.						
	March.		April.			May.	
	1892.	1889.	1892.	Normal.	1889.	7th, 1892.	1889.
1	2	3	4	5	6	7	8
Rice, second sort.							
Rambha	13·0	9·0	12·8	15·7	10·6	11·0	9·8
Russellkonda	12·0	10·5	12·0	14·0	11·0	12·0	11·0
Suráda	12·3	11·4	12·3	15·6	11·0	12·3	10·6
Aska	13·2	11·0	12·1	17·1	11·0	11·8	11·0
Purushottapur	12·8	12·5	12·8	17·4	13·0	12·0	12·0
Berhampore	11·3	11·0	11·0	13·9	11·0	12·0	10·8
Ichápur	11·0	10·3	11·0	14·1	10·1	11·0	10·0
Sómpet	11·5	11·4	12·2	16·6	11·4	12·0	11·4
Tekkali	10.1	12·1	11·3	19·0	12·1	11·3	12·1
Narsannapet	11·3	12·4	11·3	15·7	12·8	11·6	12·1
Parlákimedi	12·0	12·1	12·1	17·1	12·1	12·0	12·1
Chicacole	10·0	11·0	10·0	14·3	11·0	10·8	10·0
Average ..	11·7	11·2	11·7	15·9	11·4	11·7	11·1
Ragi.							
Rambha	18·2	14·7	17·9	26·7	14·7	19·0	13·9
Russellkonda	17·2	18·2	16·4	27·3	19·1	15·8	17·3
Suráda	17·3	19·0	19·0	24·9	17·0	19·7	15·8
Aska	15·8	16·8	16·8	27·8	16·8	16·2	16·8
Purushottapur	18·8	20·3	19·1	30·0	21·9	17·3	16·8
Berhampore	18·0	18·2	17·6	24·9	18·7	19·5	18·6
Ichápur	16·7	16·2	16·2	26·7	16·2	18·0	16·2
Sómpet	19·6	19·4	20·0	29·6	19·8	21·6	17·6
Tekkali	19·1	21·0	19·0	29·0	20·3	21·0	19·0
Narsannapet	19·4	20·7	19·4	29·8	21·7	21·0	19·0
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The exports by sea, which had been large up to March, shrank to 3,934 cwts. only in April. No reference is made by the Collector to the trade by land from Orissa or towards Vizagapatam. The people are reported to show no change in their condition, and, on the 16th April, 46,326 persons were employed on the various public works going forward in the district. These works have for months past given employment to many thousands on good wages, which must have allowed of their making considerable savings which will help them to tide over till the monsoon. Of the above number 27,640 were employed on those sections of the railway works which were to be closed on the 10th current, owing to the want of funds. The necessity for closing the works is to be regretted, but it is hoped that the heavy rains which are now due will afford agricultural employment to all in need and do away with the necessity for starting relief works. Should it be otherwise, no better relief work could be found than the carrying out of the earth-work of the railway, at famine rates.

4. In the Chicacole taluk and Tekkáli division, 62 loans for well-sinking have been granted and on 61 advances to the amount of Rs. 5,431 have been made and 51 wells are in progress by the aid of these loans. The Commissioner is glad to observe the progress and trusts that the efforts of the Divisional officer and the Taluk officers will in the future meet with increasing success in this most useful work.

(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department.
„ Collector of Ganjam.

Lxd. A. D. Xxavier.

REVENUE DEPARTMENT.

1892.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Printed May 25th.

Proceedings, 17*th May* 1892, *No.* 367.

Submitting to Government, with remarks, report on the state of the season in Ganjam for the month of April 1892.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 17th May 1892, No. 367 :—

MR. CLOGSTOUN.

Read—the following letter from E. C. JOHNSON, Esq., Collector of Ganjam, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Berhampore, 5th May 1892, Tour C. No. 39-Ver. :—

I have the honour to submit my report on the state of the season for the month of April 1892.

2. *I. Rainfall and general prospects.*—The average rainfall for the district in the month was 0·45 against a 10 years' average (as given in Board's Proceedings, dated 27th July 1891, No. 458) of 0·65. For the northern half of the district, the average was 0·60 ; for the southern 0·17, the former being thus nearly up to average, the latter much below it. It is, however, normal that the bulk of what little rain falls in this month should fall in the more hilly northern portion of the district. The average fall is slightly below normal.

3. What rain has fallen has not been sufficient to modify the situation except in so far as it has enabled the cultivator to commence ploughing here and there. It has not been sufficient to afford any supply of water for drinking purposes or to bring on a growth of grass.

4. The situation thus remains practically unchanged except in one material point. Owing to want of funds the officers in charge of the East Coast Railway have been obliged to stop work on the northern section, *i.e.*, all that lies north of Tillaru, a station some 10 miles north of the Vamsadara river. The stoppage of work north of Kasibugga I do not look upon as of any great importance ; north of that point there was but little total failure of crop, and the Rushikulya project and work on the Ichápur-Jarada and Berhampore-Govindapur road will provide a great deal of employment ; but between Tillaru and Kasibugga lie the villages (chiefly in Tekkali division) where failure has been greatest and where distress is most prevalent. The stoppage of work on this section is looked upon by my Principal Assistant Mr. Andrew as most serious. He writes as follows : —

" All along I have calculated on the railway providing employment on the different sections up to the end of June to the extent that the Engineers from time to time informed me. I never calculated on this sudden and unforeseen stoppage of work.

" It must not be supposed that the ryots and coolies have been in flourishing condition all the time, for such has not been the case. In many villages the women and sickly men and children have been having but a poor time of it ; still their condition has not been such as to cause uneasiness, and I have been able to give them work on minor tanks and other petty works. Things will be very different now if all these coolies north of Tillaru are thrown out of employment. It must be remembered that that portion of the line in my division at least passes almost entirely through non-Government villages where we cannot provide the people with work on minor irrigation tanks. . . .

"The railway work must be done some time or other, that money must be spent and it is far better that Government should from some source or other advance the necessary money to the railway rather than to the District Board which owes quite enough already."

5. Mr. Andrew proceeds to urge strongly that, if possible, arrangements should be made to continue till the end of June earthwork and ballasting on the section from Tillaru to Kasibugga, a distance of about 30 miles. I agree with him that this is most eminently desirable, but the Engineer-in-Chief informs me that he cannot provide another rupee for the work and refers me to Government. It is, I fear, useless to point to the great waste of money which must necessarily result from the stoppage of work; that it must necessarily be very serious, my experience of stopping work on the Bellary-Kistna line in 1886 too clearly warns me. But no doubt where money must be spent within a very short period, it is surely false economy to risk even a chance of being involved in famine relief expenditure, if the risk can be avoided by the advance for railway works of a comparatively small sum. An extra lakh would certainly admit of all I ask being done, *i.e.*, carrying on till the end of June earthwork and ballasting on 30 miles of line.

6. Meanwhile by starting work on the Tekkali-Anantagiri road and preparing for roads to cost Rs. 16,000 along that portion of the railway line (*vide* my letter No. R. C. 651-Ver., dated 5th ultimo), I am doing my best to provide work in lieu of that afforded by the railway, but this is possible to a small extent only. I wired to you two days ago to expedite, if possible, a grant of Provincial funds in aid of Local for these works, and request that sanction, if accorded, may be intimated to me by wire.

7. *II. Agricultural operations.*—But little in the way of agricultural operations is to be expected in April. Some red and green gram has been harvested with an average outturn of 8 annas; sugar-cane, outturn 12 annas; ragi, outturn in Ichápur khandam 8 annas, in Sómpet only 2 annas. In a few places gingelly and sugar-cane have been sown.

8. *III. Prices.*—Prices continue very steady; there is a very slight tendency to rise. In the margin * are given the average prices of rice and ragi for the last week of March compared with those in the last week of April. Other grains are used to so very slight an extent that they are not worth quoting. Markets seem to be well stocked. Exports by sea show little variation from last month, being as marginally noted.†

	Rice.	Ragi.
* Last week in March	11·97	19·10
Do. in April	11·74	18·98

† Export of food-grains during month of April.

	Cwts.	Value. Rs.
Rice	3,986	16,801
Paddy	*Nil.*	*Nil.*
Ragi	38	117
Total ..	3,934	18,718

Imports.—*Nil.*

9. *IV. Condition of people—V Coolies on works.*—In this respect no change is at present apparent. The number of coolies employed on various works throughout the district for the fortnight ending 15th April last (for which I have full returns) was 46,326 per diem. Of these, 27,640 were employed on those sections of the railway now about to be closed. This will show what a grave matter the stoppage of work cannot fail to prove.

10. *VI. Well-sinking by aid of State loans.*—Here at last I am glad to be able to report progress. I have not as yet full returns for the month to hand, but in Chicacole taluk and Tekkali division out of 88 applications pending and received, 62 have been accepted and on 61 of these advances have been made to the extent of Rs. 5,431-4-0. Fifty-one wells are reported to be in course of construction. This of course affords a considerable amount of work for laborers. I consider that the Principal Assistant Collector (Mr. Andrew), the Tahsildar of Chicacole (A. Gurumurthy Naidu, and the Deputy Tahsildars of Tekkali (A. Kameswararow Naidu) and of Narasannapet (K. Venkatarazu Pantulu) deserve great credit for their success in this direction. Statement containing particulars will follow as soon as full information is to hand.

11. *VII. Grazing.*—There is no change in this respect. Cattle, especially buffaloes, are feeling the want of grass and water much. I am just arranging with the District Forest-officer to open the Mohiri forest reserves to free grazing for the next

two months. Numbers of wells and small pits are being sunk for the improvement of drinking-water supply by the Chicacole, Parlákimedi and Berhampore Taluk Boards. Of Rs. 10,000 allotted for the purpose in this year's Local Fund budget, nearly Rs. 8,000 have been already expended, and should much more expenditure under this head be found necessary, I fear I shall have to apply for a Provincial grant-in-aid, the District Board reserve being almost exhausted.

12. To sum up, the closing of the railway works is the only change in the situation; one which gives ground for grave apprehension. However the rains should be here so soon now (we should have an average of over 2 inches in May) that if only all goes well, I trust even without the railway work, the people may be able to hold out. But it would be a very great relief to me to know that earthwork and ballast could be prosecuted for 2 months longer on the southern 30 miles of the northern section of the East Coast Railway.

Resolution—dated 17th May 1892, No. 367.

Submitted for the information of Government.

2. During April, the rainfall on the Ganjam littoral is usually scanty, but in the inland and hilly portions of the district there is usually a moderate amount of rain. During the month under report the fall in the last-mentioned portion of the district was not much below the average, but in the former section only a few trivial showers fell, and these were lightest towards the south of the district, where alone the situation is at all grave. So far, during May very little rain has fallen in the district, as will be seen by the marginal table, but with the setting in of the south-west monsoon general rain may be expected throughout the district, heavier on the southern coast and the hilly portions than on the northern coast section.

Stations.	April.		May.		June.
	1892.	Average.	1892 up to 14th.	Average.	Average expected.
Coast tract.					
Purushottapur	0·62	0·63	0·32	1·76	5·53
Ganjam	..	0·49	..	1·50	4·59
Chatrapur	0·52	0·66	..	1·83	4·82
Berhampore	0·08	0·52	0·15	1·62	5·11
Gopálpur	0 15	0·85	0·01	2·05	5·88
Ichápur	0·90	0·84	0·83	1·82	4·98
Sómpet	0·10	0·46	..	3·04	3·28
Pundi	0·44	0·47	0·17	1·81	3·39
Tekkáli	0·15	0·25	0·80	2·28	3·95
Narsannapet	0·09	0·15	0·04	2·43	3·02
Calingapatam	0·07	0 36	..	2·27	4·11
Chicacole	..	0·52	..	2·26	3·76
Average ..	0·26	0·52	0·19	2·06	4·37
Inland or hill tract.					
Balliguda	0·45	0·31	..	1·68	7·20
Udayagiri	1·50	2·46	1·10	5·09	7·39
Russellkonda	1·01	1·27	0·30	3·68	6·88
Suráda	0·99	1·30	..	3·26	6·45
Aska	0·97	1·35	1·05	3·40	6·19
Pattupur	0 80	1·18	0·40	3·00	6·15
Parlákimedi	0·30	0·84	0·15	3·54	5·97
Average ..	0·86	1·24	0·43	3·38	6·60
District average ..	0·48	0·83	0·28	2·51	5·24

Grazing is very scarce and the cattle are feeling the want of water and fodder. The Collector is arranging to throw open the Mohiri forest reserves for free grazing for the next two months. His attention will be drawn to G.O., dated 9th January 1892, No. 30 [*vide* Board's Proceedings, dated 23rd February 1892, Forest No. 88 (Land Revenue)] on the subject of levying fees in such cases.

3. Prices for the district as a whole have been fairly steady, but are becoming equalized throughout the district generally for rice, though in the prices of ragi there are considerable variations in different parts. Rates are, as shown below, but little easier than they were in the corresponding month in 1889 when the district was suffering from severe famine; but the markets are well stocked and the pressure of high prices is not severely felt.

Stations.	Prices in seers of 80 tolas.						
	March.		April.			May.	
	1892.	1889.	1892.	Normal.	1889.	7th, 1892.	1889.
1	2	3	4	5	6	7	8
Rice, second sort.							
Rambha	13·0	9·0	12·8	15·7	10·6	11·0	9·8
Russellkonda	12·0	10·5	12·0	14·0	11·0	12·0	11·0
Suráda	12·3	11·4	12·3	15·6	11·0	12·3	10·6
Aska	13·2	11·0	12·1	17·1	11·0	11·8	11·0
Purushottapur	12·8	12·5	12·8	17·4	13·0	12·0	12·0
Berhampore	11·3	11·0	11·0	13·9	11·0	12·0	10·8
Ichápur	11·0	10·3	11·0	14·1	10·1	11·0	10·0
Sómpet	11·5	11·4	12·2	16·6	11·4	12·0	11·4
Tekkali	10.1	12·1	11·3	19·0	12·1	11·3	12·1
Narsannapet	11·3	12·4	11·3	15·7	12·8	11·6	12·1
Parlákimedi	12·0	12·1	12·1	17·1	12·1	12·0	12·1
Chicacole	10·0	11·0	10·0	14·3	11·0	10·8	10·0
Average ..	11·7	11·2	11·7	15·9	11·4	11·7	11·1
Ragi.							
Rambha	18·2	14·7	17·9	26·7	14·7	19·0	13·9
Russellkonda	17·2	18·2	16·4	27·3	19·1	15·8	17·3
Suráda	17·3	19·0	19·0	24·9	17·0	19·7	15·8
Aska	15·8	16·8	16·8	27·8	16·8	16·2	16·8
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The exports by sea, which had been large up to March, shrank to 3,934 cwts. only in April. No reference is made by the Collector to the trade by land from Orissa or towards Vizagapatam. The people are reported to show no change in their condition, and, on the 16th April, 46,326 persons were employed on the various public works going forward in the district. These works have for months past given employment to many thousands on good wages, which must have allowed of their making considerable savings which will help them to tide over till the monsoon. Of the above number 27,640 were employed on those sections of the railway works which were to be closed on the 10th current, owing to the want of funds. The necessity for closing the works is to be regretted, but it is hoped that the heavy rains which are now due will afford agricultural employment to all in need and do away with the necessity for starting relief works. Should it be otherwise, no better relief work could be found than the carrying out of the earth-work of the railway, at famine rates.

4. In the Chicacole taluk and Tekkáli division, 62 loans for well-sinking have been granted and on 61 advances to the amount of Rs. 5,431 have been made and 51 wells are in progress by the aid of these loans. The Commissioner is glad to observe the progress and trusts that the efforts of the Divisional officer and the Taluk officers will in the future meet with increasing success in this most useful work.

(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department.
„ Collector of Ganjam.

ORDER—dated 2nd June 1892, No. 564, Revenue.

Miscellaneous.

Recorded.

(True Extract.)

Secretary to Government.

To the Commissioner of Revenue Settlement, Land Records and Agriculture.
„ the Public Works Department (R.).

Exd. C. M. Brisson.

75 Copies.

P. W. CURRENT No. 5918

Govt. of {1892} Madras.

REVENUE.

Issued 19.5.C

Recd. Encl.

Rejo: 4-VI-92

G.O., 2nd June 1892, No. 564.

JUNE.

Season, Ganjam.

Board's Proceedings submitting report of the Collector on the state of the season in the district for the month of April 1892, recorded.

PROCEEDINGS OF THE BOARD OF REVENUE

(Revenue Settlement, Land Records and Agriculture).

Mr. Clogstoun.

Read—the following letter from E. C. JOHNSON, Esq., Collector of Ganjam, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Berhampore, 5th May 1892, Tour C. No. 39-Ver.:—

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8. *III. Prices.*—Prices continue very steady; there is a very slight tendency to rise. In the margin * are given the average prices of rice and ragi for the last week of March compared with those in the last week of April. Other grains are used to so very slight an extent that they are not worth quoting. Markets seem to be well stocked. Exports by sea show little variation from last month, being as marginally noted.†

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Ragi		
Total	3,934	18,718

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RESOLUTION—dated 17th May 1892, No. 367.

Submitted for the information of Government.

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Sómpet	0·10	0·46	..	3·04	3·28
Pundi	0·44	0·47	0·17	1·81	3·39
Tekkáli	0·15	0·25	0·80	2·28	3·95
Narsannapet	0·09	0·15	0·04	2·43	3·02
Calingapatam	0·07	0 36	..	2·27	4·11
Chicacole	..	0·52	..	2·26	3·76
Average	0·26	0·52	0·19	2·06	4·37
Inland or hill tract.					
Balliguda	0·45	0·31	..	1·68	7·20
Udayagiri	1·50	2·46	1·10	5·09	7·39
Russellkonda	1·01	1·27	0·30	3·68	6·88
Surada	0·99	1·30	..	3·26	6·45
Aska	0·97	1·35	1·05	3·40	6·19
Pattupur	0·80	1·18	0·40	3·00	6·15
Parlákimedi	0·30	0·84	0·15	3·54	5·97
Average	0·86	1·24	0·43	3·38	6·60
District average	0·48	0·83	0·28	2·51	5·24

The rain that has fallen has not been sufficient to cause any alteration in the agricultural prospects of the district. Agricultural operations are practically at a standstill. Grazing is very scarce and the cattle are feeling the want of water and fodder. The Collector is arranging to throw open the Mohiri forest reserves for free grazing for the next two months. His attention will be drawn to G.O., dated 9th January 1892, No. 30 [*vide* Board's Proceedings, dated 23rd February 1892, Forest No. 88 (Land Revenue)] on the subject of levying fees in such cases.

3. Prices for the district as a whole have been fairly steady, but are becoming equalized throughout the district generally for rice, though in the prices of ragi there are considerable variations in different parts. Rates are, as shown below, but little easier than they were in the corresponding month in 1889 when the district was suffering from severe famine; but the markets are well stocked and the pressure of high prices is not severely felt.

Stations.	Prices in seers of 80 tolas.						
	March.		April.			May.	
	1892.	1889.	1892.	Normal.	1889.	7th, 1892.	1889.
1	2	3	4	5	6	7	8
Rice, second sort.							
Rambha	13·0	9·0	12·8	15·7	10·6	11·0	9·8
Russellkonda	12·0	10·5	12·0	14·0	11·0	12·0	11·0
Suráda	12·3	11·4	12·3	15·6	11·0	12·3	10·6
Aska	13·2	11·0	12·1	17·1	11·0	11·8	11·0
Purushottapur	12·8	12·5	12·8	17·4	13·0	12·0	12·0
Berhampore	11·3	11·0	11·0	13·9	11·0	12·0	10·8
Ichápur	11·0	10·3	11·0	14·1	10·1	11·0	10·0
Sómpet	11·5	11·4	12·2	16·6	11·4	12·0	11·4
Tekkali	10·1	12·1	11·3	19·0	12·1	11·3	12·1
Narsannapet	11·3	12·4	11·3	15·7	12·8	11·6	12·1
Parlákimedi	12·0	12·1	12·1	17·1	12·1	12·0	12·1
Chicacole	10·0	11·0	10·0	14·3	11·0	10·8	10·0
Average ..	11·7	11·2	11·7	15·9	11·4	11·7	11·1
Ragi.							
Rambha	18·2	14·7	17·9	26·7	14·7	19·0	13·9
Russellkonda	17·2	18·2	16·4	27·3	19·1	15·8	17·3
Suráda	17·3	19·0	19·0	24·9	17·0	19·7	15·8
Aska	15·8	16·8	16·8	27·8	16·8	16·2	16·8
Purushottapur	18·8	20·3	19·1	30·0	21·9	17·3	16·8
Berhampore	18·0	18·2	17·6	24·9	18·7	19·5	18·6
Ichápur	16·7	16·2	16·2	26·7	16·2	18·0	16·2
Sómpet	19·6	19·4	20·0	29·6	19·8	21·6	17·6
Tekkali	19·1	21·0	19·0	29·0	20·3	21·0	19·0
Narsannapet	19·4	20·7	19·4	29·8	21·7	21·0	19·0
Parlákimedi	20·5	20·3	20·3	30·1	20·3	22·5	20·3
Chicacole	18·0	20·7	18·0	28·1	19·8	16·4	18·0
Average ..	18·2	18·8	18·3	27·9	18·8	19·2	17·4

The exports by sea, which had been large up to March, shrank to 3,934 cwts. only in April. No reference is made by the Collecter to the trade by land from Orissa or towards Vizagapatam. The people are reported to show no change in their condition, and, on the 16th April, 46,326 persons were employed on the various public works going forward in the district. These works have for months past given employment to many thousands on good wages, which must have allowed of their making considerable savings which will help them to tide over till the monsoon. Of the above number 27,640 were employed on those sections of the railway works which were to be closed on the 10th current, owing to the want of funds. The necessity for closing the works is to be regretted, but it is hoped that the heavy rains which are now due will afford agricultural employment to all in need and do away with the necessity for starting relief works. Should it be otherwise, no better relief work could be found than the carrying out of the earth-work of the railway, at famine rates.

4. In the Chicacole taluk and Tekkáli division, 62 loans for well-sinking have been granted and on 61 advances to the amount of Rs. 5,431 have been made and 51 wells are in progress by the aid of these loans. The Commissioner is glad to observe the progress and trusts that the efforts of the Divisional officer and the Taluk officers will in the future meet with increasing success in this most useful work.

(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department.
„ Collector of Ganjam.

Lxd. A. D. Xxavier.

REVENUE DEPARTMENT.

1892.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Printed May 25th.

Proceedings, 17*th May* 1892, *No.* 367.

Submitting to Government, with remarks, report on the state of the season in Ganjam for the month of April 1892.

PROCEEDINGS OF THE BOARD OF REVENUE

(Revenue Settlement, Land Records and Agriculture).

Mr. Clogstoun.

Read—the following letter from E. C. JOHNSON, Esq., Collector of Ganjam, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Berhampore, 5th May 1892, Tour C. No. 39-Ver. :—

I have the honour to submit my report on the state of the season for the month of April 1892.

2. *I. Rainfall and general prospects.*—The average rainfall for the district in the month was 0·45 against a 10 years' average (as given in Board's Proceedings, dated 27th July 1891, No. 458) of 0·65. For the northern half of the district, the average was 0·60 ; for the southern 0·17, the former being thus nearly up to average, the latter much below it. It is, however, normal that the bulk of what little rain falls in this month should fall in the more hilly northern portion of the district. The average fall is slightly below normal.

3. What rain has fallen has not been sufficient to modify the situation except in so far as it has enabled the cultivator to commence ploughing here and there. It has not been sufficient to afford any supply of water for drinking purposes or to bring on a growth of grass.

4. The situation thus remains practically unchanged except in one material point. Owing to want of funds the officers in charge of the East Coast Railway have been obliged to stop work on the northern section, *i.e.*, all that lies north of Tillaru, a station some 10 miles north of the Vamsadara river. The stoppage of work north of Kasibugga I do not look upon as of any great importance ; north of that point there was but little total failure of crop, and the Rushikulya project and work on the Ichápur-Jarada and Berhampore-Govindapur road will provide a great deal of employment ; but between Tillaru and Kasibugga lie the villages (chiefly in Tekkali division) where failure has been greatest and where distress is most prevalent. The stoppage of work on this section is looked upon by my Principal Assistant Mr. Andrew as most serious. He writes as follows :—

"All along I have calculated on the railway providing employment on the different sections up to the end of June to the extent that the engineers from time to time informed me. I never calculated on this sudden and unforeseen stoppage of work.

"It must not be supposed that the ryots and coolies have been in flourishing condition all the time, for such has not been the case In many villages the women and sickly men and children have been having but a poor time of it ; still their condition has not been such as to cause uneasiness, and I have been able to give them work on minor tanks and other petty works. Things will be very different now if all these coolies north of Tillaru are thrown out of employment. It must be remembered that that portion of the line in my division at least passes almost entirely through non-Government villages where we cannot provide the people with work on minor irrigation tanks. . . .

"The railway work must be done some time or other, that money must be spent and it is far better that Government should from some source or other advance the necessary money to the railway rather than to the District Board which owes quite enough already."

5. Mr. Andrew proceeds to urge strongly that, if possible, arrangements should be made to continue till the end of June earthwork and ballasting on the section from Tillaru to Kasibugga, a distance of about 30 miles. I agree with him that this is most eminently desirable, but the Engineer-in-Chief informs me that he cannot provide another rupee for the work and refers me to Government. It is, I fear, useless to point to the great waste of money which must necessarily result from the stoppage of work; that it must necessarily be very serious, my experience of stopping work on the Bellary-Kistna line in 1886 too clearly warns me. But no doubt where money must be spent within a very short period, it is surely false economy to risk even a chance of being involved in famine relief expenditure, if the risk can be avoided by the advance for railway works of a comparatively small sum. An extra lakh would certainly admit of all I ask being done, *i.e.*, carrying on till the end of June earthwork and ballasting on 30 miles of line.

6. Meanwhile by starting work on the Tekkali-Anantagiri road and preparing for roads to cost Rs. 16,000 along that portion of the railway line (*vide* my letter No. R. C. 651-Ver., dated 5th ultimo), I am doing my best to provide work in lieu of that afforded by the railway, but this is possible to a small extent only. I wired to you two days ago to expedite, if possible, a grant of Provincial funds in aid of Local for these works, and request that sanction, if accorded, may be intimated to me by wire.

7. *II. Agricultural operations.*—But little in the way of agricultural operations is to be expected in April. Some red and green gram has been harvested with an average outturn of 8 annas; sugar-cane, outturn 12 annas; ragi, outturn in Ichápur khandam 8 annas, in Sómpet only 2 annas. In a few places gingelly and sugar-cane have been sown.

8. *III. Prices.*—Prices continue very steady; there is a very slight tendency to rise. In the margin * are given the average prices of rice and ragi for the last week of March compared with those in the last week of April. Other grains are used to so very slight an extent that they are not worth quoting. Markets seem to be well stocked. Exports by sea show little variation from last month, being as marginally noted.†

	Rice.	Ragi.
* Last week in March	11·97	19·10
Do. in April	11·74	18·98

† Export of food-grains during month of April.

	Cwts.	Value. Rs.
Rice	3,986	16,801
Paddy	*Nil.*	*Nil.*
Ragi	38	117
Total ..	3,934	18,718

Imports.—*Nil.*

9. *IV. Condition of people—V Coolies on works.*—In this respect no change is at present apparent. The number of coolies employed on various works throughout the district for the fortnight ending 15th April last (for which I have full returns) was 46,326 per diem. Of these, 27,640 were employed on those sections of the railway now about to be closed. This will show what a grave matter the stoppage of work cannot fail to prove.

10. *VI. Well-sinking by aid of State loans.*—Here at last I am glad to be able to report progress. I have not as yet full returns for the month to hand, but in Chicacole taluk and Tekkali division out of 88 applications pending and received, 62 have been accepted and on 61 of these advances have been made to the extent of Rs. 5,431-4-0. Fifty-one wells are reported to be in course of construction. This of course affords a considerable amount of work for laborers. I consider that the Principal Assistant Collector (Mr. Andrew), the Tahsildar of Chicacole (A. Gurumurthy Naidu, and the Deputy Tahsildars of Tekkali (A. Kameswararow Naidu) and of Narasannapet (K. Venkatarazu Pantulu) deserve great credit for their success in this direction. Statement containing particulars will follow as soon as full information is to hand.

11. *VII. Grazing.*—There is no change in this respect. Cattle, especially buffaloes, are feeling the want of grass and water much. I am just arranging with the District Forest-officer to open the Mohiri forest reserves to free grazing for the next

two months. Numbers of wells and small pits are being sunk for the improvement of drinking-water supply by the Chicacole, Parlákimedi and Berhampore Taluk Boards. Of Rs. 10,000 allotted for the purpose in this year's Local Fund budget, nearly Rs. 8,000 have been already expended, and should much more expenditure under this head be found necessary, I fear I shall have to apply for a Provincial grant-in-aid, the District Board reserve being almost exhausted.

12. To sum up, the closing of the railway works is the only change in the situation; one which gives ground for grave apprehension. However the rains should be here so soon now (we should have an average of over 2 inches in May) that if only all goes well, I trust even without the railway work, the people may be able to hold out. But it would be a very great relief to me to know that earthwork and ballast could be prosecuted for 2 months longer on the southern 30 miles of the northern section of the East Coast Railway.

RESOLUTION—dated 17th May 1892, No. 367.

Submitted for the information of Government.

2. During April, the rainfall on the Ganjam littoral is usually scanty, but in the inland and hilly portions of the district there is usually a moderate amount of rain. During the month under report the fall in the last-mentioned portion of the district was not much below the average, but in the former section only a few trivial showers fell, and these were lightest towards the south of the district, where alone the situation is at all grave. So far, during May very little rain has fallen in the district, as will be seen by the marginal table, but with the setting in of the south-west monsoon general rain may be expected throughout the district, heavier on the southern coast and the hilly portions than on the northern coast section.

Stations.	April. 1892.	April. Average.	May. 1892 up to 14th.	May. Average.	June. Average expected.
Coast tract.					
Purushottapur	0·62	0·63	0·32	1·76	5·53
Ganjam	..	0·49	..	1·50	4·59
Chatrapur	0·52	0·66	..	1·83	4·82
Berhampore	0·08	0·52	0·15	1·62	5·11
Gopálpur	0 15	0·85	0·01	2·05	5·88
Ichápur	0·90	0·84	0·83	1·82	4·98
Sómpet	0·10	0·46	..	3·04	3·28
Pundi	0·44	0·47	0·17	1·81	3·39
Tekkáli	0·15	0·25	0·80	2·28	3·95
Narsannapet	0·09	0·15	0·04	2·43	3·02
Calingapatam	0·07	0 36	..	2·27	4·11
Chicacole	..	0·52	..	2·26	3·76
Average ..	0·26	0·52	0·19	2·06	4·37
Inland or hill tract.					
Balliguda	0·45	0·31	..	1·68	7·20
Udayagiri	1·50	2·46	1·10	5·09	7·39
Russellkonda	1·01	1·27	0·30	3·68	6·88
Surada	0·99	1·30	..	3·26	6·45
Aska	0·97	1·35	1·05	3·40	6·19
Pattupur	0·80	1·18	0·40	3·00	6·15
Parlákimedi	0·30	0·84	0·15	3·54	5·97
Average ..	0·86	1·24	0·43	3·38	6·60
District average ..	0·48	0·83	0·28	2·51	5·24

The rain that has fallen has not been sufficient to cause any alteration in the agricultural prospects of the district. Agricultural operations are practically at a standstill. Grazing is very scarce and the cattle are feeling the want of water and fodder. The Collector is arranging to throw open the Mohiri forest reserves for free grazing for the next two months. His attention will be drawn to G.O., dated 9th January 1892, No. 30 [*vide* Board's Proceedings, dated 23rd February 1892, Forest No. 88 (Land Revenue)] on the subject of levying fees in such cases.

3. Prices for the district as a whole have been fairly steady, but are becoming equalized throughout the district generally for rice, though in the prices of ragi there are considerable variations in different parts. Rates are, as shown below, but little easier than they were in the corresponding month in 1889 when the district was suffering from severe famine; but the markets are well stocked and the pressure of high prices is not severely felt.

Stations.	Prices in seers of 80 tolas.						
	March.		April.			May.	
	1892.	1889.	1892.	Normal.	1889.	7th, 1892.	1889.
1	2	3	4	5	6	7	8
Rice, second sort.							
Rambha	13·0	9·0	12·8	15·7	10·6	11·0	9·8
Russellkonda	12·0	10·5	12·0	14·0	11·0	12·0	11·0
Surâda	12·3	11·4	12·3	15·6	11·0	12·3	10·6
Aska	13·2	11·0	12·1	17·1	11·0	11·8	11·0
Purushottapur	12·8	12·5	12·8	17·4	13·0	12·0	12·0
Berhampore	11·3	11·0	11·0	13·9	11·0	12·0	10·8
Ichâpur	11·0	10·3	11·0	14·1	10·1	11·0	10·0
Sómpet	11·5	11·4	12·2	16·6	11·4	12·0	11·4
Tekkali	10.1	12·1	11·3	19·0	12·1	11·3	12·1
Narsannapet	11·3	12·4	11·3	15·7	12·8	11·6	12·1
Parlâkimedi	12·0	12·1	12·1	17·1	12·1	12·0	12·1
Chicacole	10·0	11·0	10·0	14·3	11·0	10·8	10·0
Average ..	11·7	11·2	11·7	15·9	11·4	11·7	11·1
Ragi.							
Rambha	18·2	14·7	17·9	26·7	14·7	19·0	13·9
Russellkonda	17·2	18·2	16·4	27·3	19·1	15·8	17·3
Surâda	17·3	19·0	19·0	24·9	17·0	19·7	15·8
Aska	15·8	16·8	16·8	27·8	16·8	16·2	16·8
Purushottapur	18·8	20·3	19·1	30·0	21·9	17·3	16·8
Berhampore	18·0	18·2	17·6	24·9	18·7	19·5	18·6
Ichâpur	16·7	16·2	16·2	26·7	16·2	18·0	16·2
Sómpet	19·6	19·4	20·0	29·6	19·8	21·6	17·6
Tekkali	19·1	21·0	19·0	29·0	20·3	21·0	19·0
Narsannapet	19·4	20·7	19·4	29·8	21·7	21·0	19·0
Parlâkimedi	20·5	20·3	20·3	30·1	20·3	22·5	20·3
Chicacole	18·0	20·7	18·0	28·1	19·8	16·4	18·0
Average ..	18·2	18·8	18·3	27·9	18·8	19·2	17·4

The exports by sea, which had been large up to March, shrank to 3,934 cwts. only in April. No reference is made by the Collector to the trade by land from Orissa or towards Vizagapatam. The people are reported to show no change in their condition, and, on the 16th April, 46,326 persons were employed on the various public works going forward in the district. These works have for months past given employment to many thousands on good wages, which must have allowed of their making considerable savings which will help them to tide over till the monsoon. Of the above number 27,640 were employed on those sections of the railway works which were to be closed on the 10th current, owing to the want of funds. The necessity for closing the works is to be regretted, but it is hoped that the heavy rains which are now due will afford agricultural employment to all in need and do away with the necessity for starting relief works. Should it be otherwise, no better relief work could be found than the carrying out of the earth-work of the railway, at famine rates.

4. In the Chicacole taluk and Tekkâli division, 62 loans for well-sinking have been granted and on 61 advances to the amount of Rs. 5,431 have been made and 51 wells are in progress by the aid of these loans. The Commissioner is glad to observe the progress and trusts that the efforts of the Divisional officer and the Taluk officers will in the future meet with increasing success in this most useful work.

(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department.
„ Collector of Ganjam.

Lxd. A. D. Xxavier.

Annexure to G.O., No. 2122 W., dated 8th August 1891.

OFFICES FOR SUB-COLLECTOR, HEAD ASSISTANT COLLECTOR OR DEPUTY COLLECTOR ACCORDING TO SHEET NOS. I AND II SIGNED BY THE CONSULTING ARCHITECT ON 25th MARCH 1891.

TERRACED ROOFING.

Descriptive Specification.

Foundation.—A depth of 5 feet is provided in the quantities, but this should be settled locally in accordance with the nature of soil.

Walling.—The walls should be built in English bond, $2\frac{1}{2}$ bricks, 2 bricks and $1\frac{1}{2}$ bricks thick. It may be necessary to mould special bricks for the verandah piers shown 18″ square.

Stone work.—Stone slabs should be placed at the bearings of all beams and over the terrace to receive water falling from the spouts. The steps may also be of stone, if procurable without great expense.

Wood work.—The beams and joists may be of well seasoned Burma teak or any other durable country wood proof against white-ants.

Doors and Windows.—The doors and windows to be of well seasoned Burma teak-wood. All doors opening into verandahs will be of $\frac{1}{3}$ panel and $\frac{2}{3}$ venetians. Inner doors to be panelled throughout. The windows will have outer venetianed shutters and glazed shutters opening inside. The windows for the record-room will have venetianed shutters opening outside with fixed glazed gothic top and 1″ inch square iron-bars fixed diagonally. The ventilators will be of galvanized iron wire netting fixed inside, with $\frac{1}{2}$″ mesh stretched across to prevent bats or birds from entering, and outside Cuddapah (or any other similar) slab venetians fixed 8″ inches from centre to centre leaving clear space of about 6″ inches. The two ventilators at back wall of court will be fixed glazed sashes to throw light on the Judge's seat.

Coping.—Cuddapah slabs coping resting on brick corbels will be fixed throughout the building to the level of the terrace instead of cornice. The stones to be well fitted at every joints and angles and then pointed with Portland cement as shown in detail.

Roofing.—The roofing will consist of "pucka terracing," care being taken that proper slopes are made for drainage towards the weep-holes, the water will flow over the Cuddapah slabs and fall clear of the building.

Flooring.—The floor may be laid with square bricks on 6″ concrete, or stone slabs, if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand. Asphalte flooring is provided for the record-room.

Interior and exterior finishing.—The interior walls will be fine plastered with shell lime and polished or plastered and white-washed. Where good bricks or stone obtainable, the exterior should be pointed. In damp soil the plinth and interior walls, about 3 feet above floor level, should also be plastered with cement.

The different kinds of work to be done will be executed in conformity with the standard specification of the Public Works Department.

(Signed) H. IRWIN,
Consulting Architect to Government.

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	5	7
Excavation for foundations.						
Court walls, four sides	..	108 0	4 6	5 0	2,430	
Dais for four sides	1	20 10½	1 6	0 6	16	
Do. steps	2	4 6	3 0	0 6	14	
Front, rear and end walls of head clerk's and clerk's room	..	141 6				
Cross walls of do. do.	1	13 6				
Front, rear and end walls of private room	1	52 6	4 0	5 0	13,220	
Verandah all round	..	319 6				
Cross walls all round	2	4 0				
Porch	1	43 6				
Tower	..	5 9	5 9	5 0	165	
Steps	1	20 0	2 0	1 6	198	
Do. porch	4	11 6	0 6	1 6	10	
	1	13 6				
Cubic feet	..	..	..	..	..	16,053
Concrete in foundations.						
Court walls, four sides	..	108 0	4 6	2 0	972	
Record-room outer wall, three sides	..	86 6				
Front, rear and end walls of head clerk's and clerk's room	..	141 6				
Cross walls to do. do.	1	13 6	4 2	2 0	5,288	
Front, rear and end walls of private room	..	52 6				
Verandah, front, rear and ends all round	..	319 6				
Cross walls to do. do.	2	4 0				
Porch	1	43 6				
Tower	1	5 9	5 9	2 0	66	
Steps	1	20 0	3 0	1 6	297	
Do. porch	4	11 6	1 6	1 6	30	
	1	13 6				
Total, cubic feet	..	..	..	..	..	6,653
Brickwork in foundations.						
Footings—						
Court walls, four sides	..	108 0	3 3	1 6	527	
Record-room outer wall, three sides	..	87 9				
Front, rear and end walls of Head clerk's and clerks' rooms	..	142 9				
Cross wall to head clerk's and clerks' rooms.	1	14 9	2 9	1 6	2,784	
Front, rear and end walls of private room.	..	53 9				
Verandah all round	..	320 9				
Cross walls all round	2	5 3				
Porch	1	44 9				
Tower	..	6 4½	6 4½	1 6	61	
Above footings to ground level court walls, four sides	..	108 0	2 6	1 6	405	
Record-room outer wall, three sides	..	88 6				
Front, rear and end walls of clerks' rooms.	..	143 6				
Cross walls to do.	1	15 6				
Front, rear and end walls of private room.	..	54 6	2 0	1 6	2,043	
Verandah front and rear and ends	..	321 6				
Cross walls to do.	2	6 0				
Porch	1	45 6				
Tower	1	6 9	6 9	1 6	68	
Basement—						
Court walls, four sides	..	108 0	2 6	2 0	540	
Dais wall	1	22 10½	1 6	2 0	69	
Do. steps	2	4 0	3 0	1 0	24	
Record-room outer wall, three sides	..	88 6				
Front, rear and end walls of head clerk's and clerk's room	..	143 6				
Cross wall of head clerk's and clerk's room.	1	15 6	2 0	2 0	2,724	
Front, rear and end wall of private room.	..	54 6				
Verandah all round	..	321 6				
Cross wall of verandah	2	6 0				
Porch wall all round	1	45 6				
Tower	1	6 9	6 9	2 0	91	
Steps	1	19 6	3 0	0 6	29	
	1	17 6	2 0	0 6	18	
	1	15 6	1 0	0 6	8	
	4	11 0	3 0	0 6	66	
	4	9 0	2 0	0 6	36	
	4	7 0	1 0	0 6	14	
Do. porch	1	16 0	1 3	1 0	20	
						9,527

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
Brickwork in foundations—cont.						
Deductions—						
Archways in porch	2	9 6	2 0	2 0	76	
For steps	1	9 6	2 0	1 0	19	
Cut stone for steps	1	19 6	3 0	0 6	29	
	4	11 0	3 0	0 6	66	
Do. in porch	1	15 6	1 6	0 6	12	
	1	9 6	1 6	0 6	7	209
Total, cubic feet of brickwork	..	..	..	..	..	9,318
Brickwork in superstructure.						
Court, walls four sides	..	108 0	2 0	20 0	4,320	
Dais	1	23 9	1 1½	2 0	53	
Steps	2	4 0	3 0	1 0	24	
Record-room outer walls, three sides	..	89 0				
Front, rear and end walls of head clerk's and clerks' rooms	..	144 0	1 6	16 0	7,296	
Cross walls to head clerk's and clerks' rooms	..	16 0				
Front rear and end walls of private room	..	55 0				
Verandah all round	..	322 0	1 6	12 0	5,913	
Cross walls to verandah	1	6 6				
	1	6 6	1 1½	12 0	88	
Porch	..	46 0	1 6	12 0	828	
Tower up to the level of court terrace	1	7 0	7 0	20 0	980	
Do. above do. 5½ square	1	27 6	1 3	9 3	318	
Binding walls over cross walls	2	16 0	1 3	1 0	48	
Do. verandah	1	6 6				
Do. do.	1	6 6	1 1½	1 0	7	
Masonry projection inside arches	27	12 0	1 0	0 6	162	
	4	10 0	1 0	0 6	20	
String course over arches	27	13 0	0 3	3 0	22	
Do. do.	4	20 0	0 3	0 3	5	
Do. gothic windows, record-room	13	7 0	0 3	0 3	6	
Do. do.	2	8 6	0 3	0 3	1	
Do. do. tower	6	7 0	0 3	0 3	3	
Do. ventilators	10	5 0	0 3	0 3	3	
Corbels below Cuddapah slabs coping	80	1 3	0 9	0 6	38	
						20,135
Deductions—						
Doors to court	4	4 6	2 0	9 0	324	
Do. clerk's and private room	10	4 6	1 6	9 0	608	
Do. bath-room in verandah	1	3 0	1 1½	6 0	20	
Windows in court	2	4 6	2 0	6 0	108	
Do. recess	2	4 6	0 9	3 0	20	
Do. clerk's and private room	10	4 6	1 6	6 0	405	
Do. recess	10	4 6	0 9	3 0	101	
Do. bath-room	1	3 0	1 6	5 6	25	
False windows on end verandah	1	3 0	0 9	5 6	12	
Do. recess	2	3 0	0 9	3 0	14	
Do. record-rooms do.	13	2 0	1 6	5 6	215	
Do. recess	13	2 0	0 9	3 0	59	
Ventilators to court	4	4 0	2 0	4 0	128	
Do. do.	6	4 0	2 0	1 6	72	
Do. clerk's and private room	16	4 0	1 6	1 6	144	
Do. bath-room	1	3 0	1 6	1 6	7	
Tower hollow portion	1	23 9	area.	20 0	475	
Do. doorway in ground	1	2 6	1 6	6 0	23	
Do. do. on court terrace	1	2 6	1 6	6 0	23	
Do. windows	6	1 6	1 3	4 0	45	
Do. Loop-holes	2	0 6	1 6	2 6	4	
Verandah G. arches—						
Rectangular portion	27	7 0	1 6	4 6	1,276	
Gothic portion	27	21 6	area.	1 6	871	
Do. end rectangular portion	1	10 0	1 6	3 0	45	
Gothic portion	1	40 0	area.	1 6	60	
Porch rectangular portion	3	10 0	1 6	3 6	158	
Gothic portion	3	40 0	area.	1 6	180	
Arch work as per details	..	..	..	..	1,539	
					6,961	
Total, cubic feet superstructure	..	..	..	..	..	13,174

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
Ornamental parapet walls.						
Court walls	..	108 0				
Record-room	..	89 0				
Head clerk's and clerk's room	..	144 0				
Private room	..	55 0	1 3	2 3	2,213	Cubic feet.
Verandah, all round	..	322 0				
Porch	..	46 0				
Tower	..	23 0				
Archwork, flat.						
Doors in court	4	6 0	2 0	1 1½	54	
Do. clerks' and private rooms	10	6 0	1 6	1 1½	101	
Do. bath-room in verandah	1	4 6	1 6	1 1½	8	
Do. tower on ground floor	1	4 0	1 6	1 1½	7	
Do. do. over terrace	1	4 0	1 6	1 1½	7	
Windows in court	2	6 0	2 0	1 1½	27	
Do. clerks' and private rooms	10	6 0	1 6	1 1½	101	
Ventilators in court	4	6 0	2 0	1 1½	54	
	6	6 0	2 0	1 1½	81	
Do. clerks' and private rooms	16	6 0	1 6	1 1½	162	
Total, cubic feet	..	..	..	..	..	602
Archwork, circular.						
Gothic windows in end verandah (3 feet)	2	7 3	1 6	1 1½	24	
Do. record-room 2 feet	13	5 7½	1 6	1 1½	123	
Do. tower (1½ feet)	6	4 7½	1 6	1 1½	47	
Do. archways in verandah (7 feet)	27	13 7½	1 6	1 1½	622	
Do. end do. (10 ,,)	1	18 0	1 6	1 1½	30	
Do. porch (10 ,,)	3	18 0	1 6	1 1½	91	
Total, cubic feet	..	..	..	..	..	937
Cornice work.						
Around inside of court	..	112 0	..	..	112	
Do. head clerk's room	..	68 0	..	..	68	
Do. clerks' rooms	..	138 0	..	..	138	
Do. private do.	..	72 0	..	..	72	
Total, running feet	..	..	..	..	..	390
Cut stone work.						
Slabs under beams for court	4	2 0	2 0	0 6	8	
Do. clerks', private and record rooms	16	1 6	1 6	0 4	12	
Do. for steps	1	19 6	3 0	0 6	29	
Do. do.	4	11 0	3 0	0 6	66	
Do. do.	1	16 0	1 6	0 6	20	
		10 0	1 6			
Do. on terrace below shoot	32	2 0	2 0	0 3	32	
Total, cubic feet	..	..	..	..	..	167
Cuddapah slabs for coping.						
Court	..	124 0				
Tower	..	44 0				
Record-room	..	78 0	3 6	..	2,884	
Clerks' and private rooms	..	204 0				
Verandah	..	374 0				
Ventilators to court	2	5 0	5 0	1 9	88	
Do. do.	6	2 0	5 0	1 8	100	
Do. clerks' and private rooms	16	2 0	5 0	1 8	267	
Total, square feet	..	..	..	..	..	3,339
Teakwood, wrought and put up.						
Court—						
Beams	2	22 6	1 0	1 6	67 6 0	
Joists, 18″ centre to centre	15	22 6	0 3	0 6½	66 2 0	
Head clerk's room—						
Beam	1	18 6	0 10½	1 2	18 10 7	
Joists, 18″ centre to centre	12	18 0	0 3	0 5	22 6 0	

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
Teakwood, wrought and put up—cont.						
Clerk's room—						
Beams	4	18 6	0 10½	1 2	75 6 6	
Joists, 18″ centre to centre	12	48 6	0 3	0 6	72 9 0	
Private rooms—						
Beam	1	18 6	0 10½	1 2	18 10 7	
Joists, 18″ centre to centre	12	20 0	0 3	0 6	30 0 0	
Record-room—						
Beams	2	18 6	1 0	1 2	43 2 0	
Joists, 18″ centre to centre	12	38 0	0 3	0 7½	71 3 0	
Verandah—						
Beams at angles	6	11 0	0 5	0 7½	17 2 3	
Joists, 18″ centre to centre	164	8 0	0 3	0 5	136 8 0	
Joists at angles	12	7 3	0 3	0 5	9 9 0	
Do. do.	12	5 9	0 3	0 5	7 2 3	
Do. do.	12	4 3	0 3	0 5	5 3 9	
Do. do.	12	2 9	0 3	0 5	3 5 3	
Tower—						
Joists	5	7 0	0 3	0 4	2 11 0	
Porch—						
Joists	12	15 0	0 3½	0 8½	37 2 3	
Total, cubic feet	..	..	..	..	706 5 5	706
Terraced roofing.						
Court	1	31 0	21 0	..	651	
Head clerks' room	1	17 0	17 0	..	289	
Clerks' room	1	46 0	17 0	..	782	
Private room	1	19 0	17 0	..	323	
Record-room	..	36 0	17 0	..	612	
Verandah, front, back and ends	..	290 0	7 6	..	2,175	
Tower	1	6 6	6 6	..	42	
Porch	1	17 0	14 6	..	247	
Total, square feet	..	..	..	..	..	5,121
Teak, venetian and panel doors with frames.						
Doors opening into verandah	8	4 6	..	9 0	324 0 0	Square feet.
Teak pannelled doors with frames.						
Inner doors	6	4 6	..	9 0	243	
Inner doors for bath-room and spiral stair case room	1	3 0	..	6 0	18	
	2	2 6	..	6 0	30	
Total, square feet	..	..	..	..	..	291
Teak venetian windows with frames including glazed inner shutters and fittings, &c.	12	4 6	..	6 0	324	Square feet.
Venetian windows with frames, Gothic glazed head iron bars and brass fastenings.						
Bath-room	1	3 0	..	6 3	19	
Record-room	13	2 0	..	6 3	153	
Tower	6	1 6	..	4 0	36	
Total, square feet	..	..	..	..	..	218
Ventilators with fixed glazed shutters, frames, &c., to courts	2	4 0	..	4 0	32	Square feet.
Ventilators with fixed wire netting and frames &c., to courts clerks' and private rooms	2	4 0	..	4 0	32	
	22	4 0	..	1 6	132	
Ventilators with fixed wire netting for bath-room	1	3 0	..	1 6	5	
Toal, square feet	..	..	..	..	..	169
Filling in basement.						
Court	1	29 6	19 6	1 6	863	
Dais	1	6 10½	7 9	2 0	107	
Head clerks' rooms	1	15 6	15 6	1 6	360	
Clerk's room	1	44 6	15 6	1 6	690	
Private room	1	17 6	15 6	1 6	407	

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
Filling in basement—cont.						
Record-room	1	34 6	15 6	1 6	802	
Bath-rooms	1	13 0	6 0	1 6	117	
Verandah, front, rear and ends	..	264 6	6 0	1 6	2,381	
Total, cubic feet	..	..	..	..	..	7,527
Flooring basement with 6 inches concrete under 8-inch square bricks.						
Court	..	29 6	19 6	..	575	
Head clerks' room	1	15 6	15 6	..	240	
Clerks' room	..	44 6	15 6	..	690	
Private room	..	17 6	15 6	..	271	
Record-room	1	34 6	15 6	..	535	
Verandah, front, back and ends	..	278 0	6 0	..	1,668	
Total, square feet	..	..	..	..	..	3,979
Paving with 8-inch square bricks.						
Court	1	30 0	20 0	..	600	
Head clerk's room	1	16 0	16 0	..	256	
Clerks' room	1	45 0	16 0	..	720	
Private room	1	18 0	16 0	..	288	
Verandah, front, back and ends	..	280 0	6 6	..	1,820	
Court doorways	4	4 6	2 0	..	36	
Doorways	9	4 6	1 0	..	41	
	1	3 0	0 9	..	2	
Window sides	12	4 6	0 9	..	41	
	1	3 0	0 9	..	2	
Verandah arches	27	7 0	1 9	..	331	
Total, square feet	..	..	..	..	..	4,137
Flooring with asphalte, ¾ inch thick.						
Record-room	1	35 0	16 0	..	560	
Doorway	1	4 6	1 0	..	5	
Window sills	13	2 0	0 9	..	20	
Total, square feet	..	..	..	..	..	585
Plastering interior.						
Court	1	100 0	..	19 3	1,925	
Dais sides	2	8 0	..	2 0	32	
Head clerks' room	1	64 0	..	15 3	976	
Clerks' room	..	122 0	..	15 3	1,861	
Private room	..	68 0	..	15 3	1,037	
Record-room	1	102 0	..	15 3	1,556	
Bath-room	1	40 0	..	11 3	450	
Tower	1	17 3	..	20 0	345	
	1	22 0	..	9 3	204	
Door, jambs and soffits	4	22 6	..	2 0	180	
Do. do.	10	22 6	..	1 6	338	
Do. do. Bath room	1	15 6	..	1 1½	17	
Do. do. Tower	..	15 6	..	1 6	23	
Do. do.	..	15 6	..	1 3	19	
Windows do.	2	16 6	..	2 0	66	
Do. do.	10	16 6	..	1 6	248	
Do. do.	1	15 0	..	1 6	23	
Do. do.	13	12 6	..	1 6	244	
Do. do.	6	9 6	..	1 6	86	
Ventilators to court	4	16 0	..	2 0	128	
Do.	6	11 0	..	2 6	132	
Do. clerk's and private room	16	11 0	..	1 6	264	
Do. bath-room	1	9 0	..	1 6	14	
Binding wall	2	16 0	..	3 6	112	
	1	6 6	..	3 6	23	
	1	6 6	..	3 1½	20	
Deduction—						10,323
Doors	20	4 6	..	9 0	810	
	1	3 0	..	6 0	18	
	2	2 6	..	6 0	30	
Windows	12	4 6	..	6 0	324	
	1	3 0	..	6 2	19	
Do. for tower	13	2 0	..	6 3	163	
	6	1 6	..	4 0	36	

Estimate Form—Detail meas urements—*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
Plastering interior—cont.						
Ventilators	4	4 0	..	4 0	64	
	22	4 0	..	1 6	132	
	1	3 0	..	1 6	5	1,601
Total, square feet	..	..	..	..	..	8,722
Pointing exterior.						
All round the basement	..	445 6	..	2 0	891	
Do. verandah walls and porch inside.	..	365 10½	..	11 3	4,116	
Do. do outside	..	358 0	..	12 0	4,296	
Partition walls in verandah	9	6 6	..	11 3	658	
Court-room, clear storey	..	69 0	..	19 3	1,328	
	..	36 6	..	4 0	146	
Clerks' room do.	..	122 6	..	15 3	1,868	
Private room do.	..	55 4½	..	11 3	623	
Do. do.	..	58 0	..	4 0	232	
Record-room do.	..	76 0	..	12 0	912	
Do. over verandah terrace	..	16 0	..	4 0	64	
Tower wall above verandah roof	1	32 0	..	9 3	296	
	1	23 0	..	8 9	201	
Jambs and soffits of arches in verandah	27	21 0	..	1 6	567	
Do. do. and porch	4	24 0	..	1 6	144	
Parapet walls in court	..	108 0				
Do. record-room	..	89 0				
Do. clerk's room	..	144 0				
Do. private do.	..	55 0	..	5 9	4,525	
Do. verandah	..	322 0				
Do. porch	..	46 0				
Do. tower	..	23 0				20,867
Deductions—						
Doors	8	4 6	..	9 0	324	
	1	3 0	..	6 0	18	
	2	2 6	..	6 0	30	
Windows	12	4 6	..	6 0	324	
	1	3 0	..	6 0	18	
Do. record-room	13	2 0	..	6 0	156	
Do. tower	6	1 6	..	4 0	36	
Ventilators	4	4 0	..	4 0	64	
Do.	22	4 0	..	1 6	132	
Do.	1	3 0	..	1 6	5	1,107
Total, square feet	..	..	..	..	..	19,760
Painting doors and windows with three coats of Carson's oak paint.				Times.		
Venetian and panel doors	8	4 6	2⅔	9 0	891	
	6	4 6	2¼	9 0	547	
Panelled doors	1	3 0	2¼	6 0	41	
	2	2 6	2¼	6 0	68	
Venetian windows	12	4 6	3	6 0	972	
	1	3 0	3	6 3	56	
Do. tower	6	1 6	3	6 0	162	
Do. with iron bars	13	2 0	3½	6 3	569	
Ventilators	4	4 0	2	4 0	128	
	22	4 0	2	1 6	264	
	1	3 0	2	1 6	9	
Total, square feet	..	..	..	..	..	3,707
Painting with three coats of zinc white paint.						
Glazed shutters for windows	12	4 6	..	6 0	324	
Court—						
Beams	2	20 0	..	4 0	160	
Joists	15	30 0	..	1 4	600	
Head Clerk's room—						
Beams	1	16 0	..	3 2½	51	
Joists	12	16 0	..	1 1	208	
Clerks' room—						
Beams	4	16 0	..	3 2½	205	
Joists	12	45 0	..	1 3	675	
Private room—						
Beams	1	16 0	..	3 2½	51	
Joists	12	18 0	..	1 3	270	

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 with three coats of zinc white paint—cont.						
Record-room—						
Beams	2	16 0	..	3 4	107	
Joists	12	35 0	..	1 6	630	
Verandahs—						
Beams at angles	6	9 0	..	1 8	90	
Joists	164	6 3	..	1 1	1,110	
Do. angles	12	4 9	..	1 1	62	
Do.	12	3 3	..	1 1	42	
Do.	12	1 9	..	1 1	23	
Tower joists	5	5 6	..	0 11	25	
Porch joists	12	13 6	..	1 8½	277	
Total, square feet ..	..	..	..	..	..	4,910
Teakwood railings around dais	..	..	..	..	26	Running ft.
Spiral staircase complete	1	5 6	Dia.	20	Say Rs.	160
Gravelling 6″ thick—						
Porch	1	13 0	..	15 6	202	
Do. archway	2	9 6	..	2 0	38	
Front and rear of porch	2	15 0	..	8 0	240	
Total, square feet ..	..	..	..	..	..	480
Punkah, 10″ long, complete	..	..	..	..	No. 1	

Estimate Form—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
16,053 C. ft.	Excavation for foundation	4 10 0	1,000 C. ft.	75	
6,653 ,,	Concrete	14 0 0	100 ,,	931	
9,318 ,,	Foundation and basement with stock bricks in chunam	19 8 0	,,	1,817	
13,174 ,,	Superstructure with stock bricks in chunam ..	20 8 0	,,	2,701	
2,213 ,,	Ornamental parapets with stock bricks in chunam	25 0 0	,,	553	
602 ,,	Flat archwork with stock bricks in chunam ..	22 8 0	,,	135	
937 ,,	Circular archwork with stock bricks in chunam..	23 8 0	,,	220	
390 R. ft.	Cornice work with stock bricks in chunam ..	0 5 0	R. ft.	122	
167 C. ft.	Cutstonework	2 0 0	C. ft.	334	
3,339 Sq. ft.	Cuddapah slabs for coping, including fixing and pointing with cement	24 8 0	100 Sq. ft.	818	
706 C. ft.	Teakwood, wrought and put up	3 8 0	C. ft.	2,471	
5,121 Sq. ft.	Terracing with brick on edge, jelly 3″ thick, 3 courses of flat tiles and 3 coats of plastering on top and ceiling	27 0 0	100 Sq. ft.	1,383	
324 ,,	Pairs of teak panel and venetian doors with frames 3½″ × 5″ hinges, hooks and other fittings complete	1 1 0	..	344	
291 ,,	Pairs of teak panel doors with frames 3½″ × 5″ hinges and other fittings complete ..	0 14 0	Sq. ft.	255	
324 ,,	Pairs of teak venetian windows with glazed shutters inside frames 3½″ × 5″ hinges, hooks, bolts and other fittings complete	1 13 0	..	587	
218 ,,	Teak venetian windows with glazed top, frames, iron bars and other fittings complete ..	1 12 0	..	382	
32 ,,	Fixed glazed ventilators with frames complete ..	1 3 0	..	38	
169 ,,	Fixed wire-netting for ventilators with frames complete	0 11 0	..	116	
5,727 C. ft.	Filling in basement	5 0 0	1,000 C. ft.	29	
3,979 Sq. ft.	Levelling course of concrete, 6″ thick under flooring	7 0 0	100 Sq. ft.	279	
4,137 ,,	Flooring with 8″ square bricks in chunam and pointing with Portland cement	7 3 0	..	297	
585 ,,	Flooring with asphalte ¾″ thick, well rubbed over	17 5 0	..	101	

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
8,722 Sq. ft.	Plastering with 2 coats of chunam polished inside	2 8 0	..	218	
19,760 ,,	Pointing with cement outside	2 0 0	100 Sq. ft.	395	
3,707 ,,	Painting doors and windows with 3 coats of Carson's oak paint	2 12 0	..	102	
4,910 ,,	Painting woodwork with 3 coats of zinc white paint	2 12 0	..	135	
26 R. ft.	Teakwood turned rails for dais	1 8 0	R. ft.	39	
1 No.	Spiral staircase to be built of masonry, with plastering complete, 5½′ diameter and 20′ in height	..	..	160	
480 Sq. ft.	Gravelling 6″ thick, well watered and rammed	3 2 0	100 Sq. ft.	15	
1 No.	Teakwood punkah, 10′ long, with brown holland fringes, brass wheels, hooks and other fittings, including suspenders and pulling ropes, &c., complete	20 0 0	Each	20	15,072
	Petty supervision at 2½ per cent.	..	..	375	
	Contingencies at 5 per cent.	..	..	753	1,128
	Grand total of estimate ..	..	..	..	16,200

Chepak,
25th March 1891.

(Signed) H. IRWIN,
Consulting Architect to Government.

OFFICES FOR SUB-COLLECTOR, HEAD ASSISTANT COLLECTOR OR DEPUTY COLLECTOR ACCORDING TO PLAN SIGNED BY THE CONSULTING ARCHITECT ON THE 25TH MARCH 1891.

Alternative Design with Tiled Roofing.

Descriptive Specification.

Foundations.—A depth of 5′ is provided in the quantities, but this would be settled locally in accordance with the nature of soil.

Walling.—The walls should be built in English bond, 2½ bricks, 2 bricks, 1½ bricks thick.

Stone work.—Stones, 12″ × 12″ × 12,″ with mortice holes, 2″ square and 2″ deep, cut into them, into which the verandah posts will be tenoned. Slabs will also be placed at the bearings of trusses. The steps may also be of stone if procurable without great expense.

Wood work.—The trusses and verandah posts should be of well-seasoned Burma teak ; the rafters and minor roof timbers may be approved country wood proof against white ants.

The verandah posts may be of stone if procurable without great expense.

Doors, windows and ventilators.—The doors and windows to be of well-seasoned Burma teak wood. All doors opening into verandahs will be of ⅓ panel and ⅔ venetians ; inner doors to be pannelled throughout.

The windows will have outer venetianed shutters and glazed shutters opening inside. The windows for the record room will have venetianed shutters opening outside with fixed glazed gothic top, 1″ square iron bars fixed diagonally.

The ventilators will be of galvanized iron wire netting fixed inside, with ½″ mesh stretched across to prevent bats or birds from entering, and outside

Cuddapah (or any other similar) slab venetians fixed 8″ from centre to centre, leaving clear space of about 6″. The two ventilators at back wall of court will be fixed glazed sashes to throw light on Judge's seat.

Roofing.—The roof will be covered with flat and pan tiles; if the quality of these are good, the usual unsightly "chunam bands" might be dispensed with. All valleys should be protected with sheet lead. If Mangalore tiles are used, a ceiling of $\frac{1}{2}$″ teak planking should be placed under rafters.

Flooring.—The floor may be laid with square bricks on 6″ concrete or stone slabs if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand. Asphalte flooring is provided for the record room.

Interior and exterior finishing.—The interior walls will be fine plastered with shell lime and polished or plastered and white washed. Where good bricks or stones are obtainable, the exterior should be pointed. In damp soil, the plinth and interior walls about 3′ above floor-level should also be plastered with cement.

The different kinds of work to be done will be executed in conformity with the standard specification of the Public Works Department.

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.						
Court walls, four sides	1	108 0	4 6	5 0	2,430	
Dais for do.	1	21 0	1 6	0 6	16	
Do. for steps	2	4 6	3 0	0 6	14	
Record room, three sides	..	86 6				
Head clerk's and clerks' rooms	..	141 6				
Cross wall	1	13 6				
Private room	1	52 6	4 0	5 0	7,713	
Porch walls	2	21 6				
	2	11 0				
Bath-room wall in verandah	1	22 7½				
Cross wall of verandah	1	4 0				
	..	385 7½	..	..	..	
Cross wall of verandah	1	4 0	3 6	5 0	70	
Verandah all round	..	276 7½	3 6	5 0	4,841	
Steps	1	21 6				
	2	12 6				
	1	11 9	2 0	1 6	215	
	1	13 6				
Do. porch	1	13 6	0 6	1 6	10	
Total cubic feet	..	..	..	..	..	15,309
Concrete in foundations.						
Court walls, four sides	1	108 0	4 6	2 0	972	
Record room, three sides	..	86 6				
Head clerk's and clerks' rooms	..	141 6				
Cross wall	1	13 6				
Private room	..	52 6				
Porch walls, two sides	2	21 6	4 0	2 0	3,085	
	2	11 0				
Bath-room wall in verandah	1	22 7½				
Cross wall of verandah	1	4 0				
	..	385 7½	..	..	..	
Cross wall of verandah	1	4 0	3 6	2 0	28	
Verandah all round	..	276 7½	3 6	2 0	1,936	
	1	21 6				
Steps	2	12 6				
	1	11 9	3 0	1 6	323	
	1	13 6				
Do. porch	1	13 6	1 6	1 6	30	
Total cubic feet	..	..	..	..	..	6,374

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
Brick work in foundations.						
Footings—						
Court walls, four sides	1	108 0	3 3	1 6	527	
Record-room, three sides	..	87 9				
Head clerk's and clerks' rooms	..	142 9				
Cross wall	..	14 9				
Private room	..	53 9	2 9	1 6	1,616	
Porch wall, two sides	2	20 3				
	2	12 3				
Bath-room wall in verandah	1	22 7½				
Cross walls for verandah	4	5 3				
	..	391 16½	..	..	..	
Cross walls for verandah	1	5 3	2 3	1 6	18	
Verandah all round	..	279 1½	2 3	1 6	942	
Above footings to ground level—						
Court wall, four sides	..	108 0	2 6	1 6	405	
Record-room, three sides	..	88 6				
Head clerk's and clerks' rooms	..	143 6				
Cross wall	..	15 6				
Private room	..	54 6	2 0	1 6	1,187	
Porch wall, two sides	2	19 6				
	2	13 0				
Bath-room wall in verandah	1	22 7½				
Cross walls in verandah	1	6 0				
	..	395 7½	..	..	..	
Cross walls in verandah	1	6 0	1 6	1 6	14	
Verandah all round	..	280 7½	1 6	1 6	631	
Basement—						
Court wall, four sides	..	108 0	2 6	2 0	540	
Dais wall	1	22 6	1 6	2 0	68	
Do. steps	2	4 0	3 0	1 6	36	
Record-room, three sides	..	88 6				
Head clerk's and clerks' rooms	..	143 6				
Cross wall do.	1	15 6				
Private room	..	54 6	2 0	2 0	1,583	
Porch wall, two sides	2	19 6				
	2	13 0				
Bath-room wall in verandah	1	22 7½				
Cross walls of verandah	1	6 0				
	..	395 7½	..	..	..	
Cross walls of verandah	1	6 0	1 6	2 0	18	
Verandah all round	..	280 7½	1 6	2 0	842	
Steps	1	21 0	3 0	0 6	32	
	1	19 0	2 0	0 6	19	
	1	17 0	1 0	0 6	9	
	2	12 0	3 0	0 6	36	
	2	10 0	2 0	0 6	20	
	2	8 0	1 0	0 6	8	
	1	13 0	3 0	0 6	20	
	1	11 0	2 0	0 6	11	
	1	9 0	1 0	0 6	5	
	1	11 3	3 0	0 6	17	
	1	9 3	2 0	0 6	9	
	1	7 3	1 0	0 6	4	
Do. porch	1	16 0	1 3	0 9	15	
						8,632
Deduction—						
Archway in porch	2	9 6	2 0	2 0	76	
Do. step	1	10 0	2 0	1 0	20	
	1	21 0				
Cut-stone for steps	2	12 0				
	1	13 0	3 0	0 6	104	
	1	11 3				
Do. steps in porch	1	15 6	1 6	0 6	12	
	1	10 0	1 6	0 6	8	
Total deduction	..	..	..	..	..	220
Net total, cubic feet	..	..	..	..	..	8,412
Brick work in superstructure.						
Court walls, four sides	..	108 0	2 0	18 6	3,996	
Dais	1	23 9	1 1½	2 0	53	
Steps	2	4 0	3 0	1 3	30	

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
Brick work in superstructure—cont.						
Gables, front and rear	2	24 0	2 0	3 6	336	
Do. sides	2	9 0	2 0	1 6	54	
Record-room, three sides	1	89 0	1 6	12 6	1,669	
Gable	1	19 0	1 6	2 9	78	
Gable	1	16 0	1 6	2 9	66	
Head clerk's and clerks' rooms	1	144 0	1 6	15 6	3,348	
Cross walls do.	1	16 0	1 6	15 6	372	
Gables do.	2	19 0	1 6	2 9	157	
Private room	1	55 0	1 6	15 6	1,279	
Gable do.	1	19 0	1 6	2 9	78	
Porch walls	2	19 0	1 6	12 6	713	
	2	13 6	1 6	12 6	506	
Gables to do.	2	19 0	1 6	2 9	157	
Bath-room wall in verandah	1	16 1½	1 6	7 6	181	
Cross wall	3	6 6	1 6	9 6	278	
	1	6 6	1 1½	9 6	69	
						13,420
Deduction—						
Doors to court	4	4 6	2 0	9 0	324	
Do. clerks' and private rooms	10	4 6	1 6	9 0	608	
Do. bath-room in verandah	1	3 0	1 1½	6 0	20	
Windows to court	2	4 6	2 0	6 0	108	
Do. recess do.	2	4 6	0 9	3 0	20	
Do. to clerks' and private rooms	10	4 6	1 6	6 0	405	
Do. recess do.	10	4 6	0 9	3 0	101	
Do. bath-room in verandah	1	3 0	1 6	5 6	25	
Do. recess do.	1	3 0	0 9	3 0	7	
Do. record-room	13	2 0	1 6	5 6	215	
Do. recess do.	13	2 0	0 9	3 0	59	
Ventilators to court	4	4 0	2 0	4 0	128	
	2	4 0	2 0	2 0	32	
Do. clerks' and private rooms.	16	4 0	1 6	1 6	144	
Do. bath-room	1	3 0	1 6	1 6	7	
Archway in verandah—						
Rectangular portion	1	6 6	1 6	6 0	59	
Gothic portion	1	20 0	Area	1 6	30	
Arches in porch—						
Rectangular portion	4	10 0	1 6	3 6	210	
Gothic portion	4	40 0	Area	1 6	240	
Archwork as per details	..	..	..	..	766	
						3,508
Total, cubic feet of superstructure	..	..	..	..	..	9,912
Archwork.						
Doors to court	4	5 9	2 0	1 1½	52	
Do. clerks' and private rooms	10	5 9	1 6	1 1½	97	
Do. bath-room in verandah	1	4 3	1 1½	1 1½	5	
Windows to court	2	5 9	1 6	1 1½	19	
Do. clerks' and private rooms	10	5 9	1 6	1 1½	97	
Do. bath-room in verandah	1	4 3	1 6	1 1½	7	
Do. record room	13	5 7½	1 6	1 1½	123	
Ventilators to court	4	5 9	1 6	1 1½	39	
	2	5 9	1 6	1 1½	19	
Do. clerks' and private room	16	5 9	1 6	1 1½	155	
Do. bath-room in verandah	1	4 3	1 6	1 1½	7	
Archway in verandah	1	14 0	1 6	1 1½	24	
Do. and porch	4	18 0	1 6	1 1½	122	
Total, cubic feet of archwork	..	..	..	..	..	766
Filling in basement.						
Court	1	29 6	19 6	1 6	863	
Dais	1	6 10½	7 9	2 0	107	
Head clerk's room	1	15 6	15 6	1 6	360	
Clerks' room	1	44 6	15 6	1 6	1,035	
Private do.	1	17 6	15 6	1 6	407	
Record do.	1	34 6	15 6	1 6	802	
Bath do.	1	13 0	6 0	1 6	117	
Verandah all round	..	257 10½	6 6	1 6	2,514	
Total cubic feet	..	..	..	..	..	6,205
Stone work dressed.						
Slabs under trusses for courts	4	2 0	2 0	0 6	8	
Do. do. clerks' and private rooms	12	1 6	1 6	0 4	9	

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
Stone work dressed—cont.						
Slabs for steps	1	21 0	3 0	0 6	104	
	2	12 0				
	1	13 0				
	1	11 3				
	1	15 6	1 6	0 6	19	
	1	10 0				
Stone for posts	41	1 0	1 0	1 0	41	
Total cubic feet	..	..	..	..	..	181
Cuddapah slabs.						
Ventilators to court	2 × 6	5 0	1 9	..	105	
	2 × 3	5 0	1 6	..	45	
Do. clerks' and private rooms	16 × 2	5 0	1 6	..	240	
Total square feet	..	..	..	..	..	390
Teak wood wrought and put up.						Rs. A. P.
Court—						
Principal rafters	4	13 0	0 4	0 6½	9 4 8	
Trusses for 20-feet span—						
Tie beam	2	22 0	0 4	0 7½	9 2 0	
Struts	4	6 6	0 4	0 4	2 10 8	
Block on head of trusses	2	1 3	0 6	0 9	0 11 3	
Purlins including over lapping	2	38 0	0 5	0 7	18 5 8	
Wall purlins do.	2	33 0	0 3	0 5	7 11 0	
Ridge beam	1	38 0	0 3	0 8	6 4 0	
Common rafters	50	16 0	0 3	0 4	66 8 0	
Clerks, private and record rooms—						
Principal rafters	16	10 0	0 4	0 5½	25 5 4	
Eight trusses for 16-feet span—						
Tie beam	8	18 0	0 4	0 6	24 0 0	
Struts	16	5 6	0 4	0 4	9 9 4	
Block on head of trusses	8	1 3	0 6	0 9	3 9 0	
Head clerk's room—						
Purlins	2	17 6	0 4	0 6	5 10 0	
Wall purlins	2	17 6	0 3	0 4	2 11 0	
Ridge beam	1	21 0	0 3	0 7	3 0 9	
Common rafters	24	13 6	0 2½	0 4	22 6 0	
Hip or valley rafters	2	9 0	0 3	0 6	2 3 0	
Jack rafters	4	5 0	0 2½	0 4	1 4 8	
Clerks' room—						
Purlins	2	50 0	0 4	0 6	16 8 0	
Wall purlins	2	50 0	0 3	0 4	8 4 0	
Ridge beam	1	50 0	0 3	0 7	7 3 6	
Common rafters	66	13 6	0 2½	0 4	61 10 6	
Private room—						
Purlins	2	24 0	0 4	0 6	8 0 0	
Wall purlins	2	24 0	0 3	0 4	4 0 0	
Ridge beam	2	27 0	0 3	0 7	7 10 6	
Common rafters	30	13 6	0 2½	0 4	28 1 6	
Hip rafters	2	9 0	0 3	0 6	2 3 0	
Jack do.	4	5 0	0 2½	0 4	1 4 8	
Record room—						
Purlins	2	40 0	0 4	0 6	13 4 0	
Wall purlins	2	40 0	0 3	0 4	6 8 0	
Ridge beam	1	44 0	0 3	0 7	6 5 0	
Common rafters	52	13 6	0 2½	0 4	48 9 0	
Hip rafters	2	9 0	0 3	0 6	2 3 0	
Jack do.	4	5 0	0 2½	0 4	1 4 8	
Porch—						
Purlins	2	25 6	0 6	0 7½	15 11 3	
Wall purlins	2	25 6	0 3	0 4	4 3 0	
Ridge beam	1	25 6	0 3	0 7	3 8 7	
Common rafters	34	13 6	0 2½	0 4	31 10 6	
Verandah—						
Posts	41	0 6	0 6	6 0	61 6 0	
	41	1 0	1 0	0 6	20 6 0	
Cap over posts		35 0	..	..	..	
		56 0	..	..	..	
		36 0	..	..	..	
		67 0	..	..	..	
	2	16 6	..	..	..	
Bressummers		40 6	..	..	..	
		21 0	..	..	..	
		8 6	..	..	..	
		297 0	0 5	0 6	61 10 6	
Rafters	155	11 6	0 3	0 5	185 8 1	

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
					RS. A. F.	
Teak wood wrought and put up—cont.						
Verandah—*cont.*						
Hip rafters	8	14 0	0 3	0 6	14 0 0	
Jack do.	80	7 0	0 3	0 5	58 4 0	
Wall plate	..	270 0	0 3	0 3	16 10 6	
Eave planks for rafters	..	640 0	0 1	0 7	31 1 4	
Barge boards for court room gables	2	34 0	0 1	0 9	4 3 0	
	4	28 0	0 1	0 9	7 0 0	
Do. other ends	12	1 6	0 1	1 6	2 3 0	
	6	3 0	0 1	3 0	4 6 0	
Total cubic feet	..	..	..	..	..	970 11 5
Venetian and panel doors with frames.						
Doors opening into verandah	8	4 6	..	9 0	324	
Total square feet	..	..	..	..	..	324
Pannelled doors with frames—						
Inner doors	6	4 6	..	9 0	243	
	1	3 0	..	6 0	18	
Total square feet	..	..	..	..	..	261
Venetian windows with frames, Gothic glazed heads, iron bars and brass fastenings	13	2 0	..	6 3	163	
	1	3 0	..	6 3	19	
Total square feet	..	..	..	..	..	182
Venetian windows with frames including glazed inner shutters and fittings	12	4 6	..	5 0	324	
Total square feet	..	..	..	..	..	324
Ventilators with fixed glazed shutters	2	4 0	..	4 0	32	
Total square feet	..	..	..	..	..	32
Ventilators, fixed wire netting and frames	2	4 0	..	4 0	32	
	2	4 0	..	2 0	16	
Do. do. do. for bathroom.	16	4 0	..	1 6	96	
	1	3 0	..	1 6	5	
Total square feet	..	..	..	..	..	149
Wrought iron work.						
1″ Dr. King rod for 20-feet trusses	2	9 0	..	2·62	47·16	
1″ hexagon nut and heads to do.	2	..	..	1·10	2·20	
3″ × 3″ × 1/8″ thick washers do.	6	..	..	·32	1·92	
1½″ × ½″ heel traps do.	4	3 0	..	2·50	30·00	
1½″ × ¼″ bearing plates do.	4	0 6¾	..	2·50	5·62	
⅝″ hexagon nuts do.	8	..	..	·267	2·13	
Caps of ⅜″ plates 6″ wide	2	2 0	..	7·51	30·04	
⅞″ Dr. King rod 16′ trusses	8	7 0	..	2·01	112·56	
⅞″ hexagon nut and bolt heads for trusses	8	..	..	0·73	5·84	
3″ dr. ⅛″ thick washers do.	24	..	..	0·32	7·68	
1½″ × ⅝″ heel straps do.	16	2 6	..	1·87	74·80	
1½″ × ⅜″ bearing plates do.	16	0 6¾	..	1·87	16·83	
⅝″ hexagon nuts do.	32	..	..	·267	8·54	
Caps of ⅜″ plates 6″ wide	8	2 0	..	7·51	120·16	
Pin for posts 1″ dr.	41	1 3	..	2·62	134·28	
Total lb.	..	..	..	..	599·76	or 600 lb.
Tiled roofing with flat and pan tiles including teak reepers.						
Court room	2	37 0	17 0	..	1,258	
Clerks' rooms	2	65 6	14 0	..	1,834	
Private room	2	21 0	14 0	..	588	
Record do.	2	38 0	14 0	..	1,064	
Porch	2	24 6	14 0	..	686	
Verandah	..	286 0	11 0	..	3,146	
Total square feet	..	..	..	..	..	8,576

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
Flooring basement 6″ concrete underneath the 8″ square bricks.						
Court	1	29 6	19 6	..	575	
Head clerk's room	1	15 6	15 6	..	240	
Clerks' room	1	44 6	15 6	..	690	
Private do.	1	17 6	15 6	..	171	
Record do.	1	34 6	15 6	..	535	
Bath do.	1	13 0	6 0	..	78	
Verandah	..	256 0	6 5	..	1,664	
Passage near porch	1	17 3	6 0	..	104	
Total square feet	..	..	..	..	..	4,057
Paving with 8″ square bricks.						
Court	1	30 0	20 0	..	600	
Head clerk's room	1	16 0	16 0	..	256	
Clerks' room	1	45 0	16 0	..	720	
Private do.	1	18 0	16 0	..	288	
Bath do.	1	13 6	6 6	..	88	
Verandahs	..	261 7½	8 3	..	2,158	
Passage near porch	1	17 6	6 6	..	114	
	4	4 6	1 6	..	27	
Doorways	9	4 6	1 0	..	41	
	1	3 0	0 9	..	2	
Window sills	12	4 6	0 9	..	41	
	1	3 0	0 9	..	2	
Deduction—						4,337
Flooring for posts	41	1 0	1 0	..	41	41
Total square feet	..	..	..	..	..	4,296
Flooring asphalte, ¾″ thick.						
Record room	1	35 0	16 0	..	560	
Doorway	1	4 6	1 0	..	5	
Window sills	13	2 0	0 9	..	20	
Total square feet	..	..	..	..	..	585
Plastering interior.						
Court	1	100 0	..	18 6	1,850	
Gable ends	2	20 0	..	3 6	140	
Dais sides	2	8 0	..	2 0	32	
Head clerk's room	1	64 0	..	15 6	992	
Do. gables	2	16 0	..	2 9	88	
Clerks' room	1	122 0	..	15 6	1,891	
Do. gable ends	2	16 0	..	2 9	88	
Private room	1	68 0	..	15 6	1,054	
Do. gable ends	2	16 0	..	2 9	88	
Record room	1	102 0	..	12 0	1,224	
Do. gable ends	2	16 0	..	2 9	88	
Bath room	2	16 0	..	8 6	340	
	1	40 0	..	2 0	180	
Door jambs and soffits	4	22 6	..	1 6	338	
	10	22 6	..	1 1½	17	
	1	15 6	..	2 0	66	
	2	16 6	..	0 9	9	
Windows do.	4	3 0	..	1 6	248	
Do. recess sides	10	16 6	..	0 9	45	
Windows	20	3 0	..	1 6	23	
Do. recess sides	1	15 0	..	0 9	5	
Windows	2	3 0	..	1 6	244	
Do. recess sides	13	12 6	..	0 9	59	
Windows	26	3 0	..	2 0	128	
Do. recess sides	4	16 0	..	2 0	48	
Ventilators to court	2	12 0	..	1 6	264	
Ventilators	16	11 0	..	1 6	14	
Do. to clerks' and private rooms	1	9 0	..			9,563
Do. to bath room						
Deduction—						
	20	4 6	..	9 0	810	
Doorways	1	3 0	..	6 0	18	
	12	4 6	..	6 3	324	
	1	3 0	..	6 3	19	
Windows	13	2 0	..	6 3	163	

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
Plastering interior—cont.						
Deduction—*cont.*						
Ventilators	4	4 0	..	4 0	64	
	3	4 0	..	2 0	24	
	16	4 0	..	1 6	96	
	1	3 0	..	1 6	5	
						1,523
Net square feet	..	..	..	..	..	8,040
Pointing exterior.						
Basement all round	..	465 6	..	2 0	931	
Court room	2	15 0	..	18 0	540	
	2	19 0	..	4 0	152	
	2	24 0	..	22 0	1,056	
Clerks' rooms	1	129 6	..	15 0	1,943	
Do. gable ends	1	19 0	..	2 9	52	
Private rooms	1	48 6	..	15 0	728	
	1	9 6	..	3 0	29	
Passage	1	45 0	..	12 0	540	
Do. gable ends	2	16 0	..	2 9	88	
Bath room in verandah	1	24 1½	..	8 6	205	
Porch all round inside	1	59 0	..	12 6	738	
Do. outside	1	49 0	..	12 0	588	
Gable ends	3	16 0	..	2 9	132	
Record room outside	1	92 0	..	15 0	1,380	
Gable end do.	1	19 0	..	2 9	52	
Archway jambs and soffits	4	25 0	1 6	..	150	
Deduction—						
Doorways	8	4 6	..	9 0	324	
	1	3 0	..	6 0	18	
Windows	12	4 6	..	6 0	324	
	1	3 0	..	6 3	19	
	13	2 0	..	6 3	163	
Ventilators	4	4 0	..	4 0	64	
	2	4 0	..	2 0	16	
	16	4 0	..	1 6	96	
Archways in porch	8	10 0	..	3 6	280	
	8	40 0	Area	..	320	
Do. verandah	2	6 6	..	6 0	78	
	2	20 0	Area	..	40	
						1,742
Total square feet	..	..	..	..	..	7,562
Painting.						
Venetian and panel doors	8	4 6	Times 2¾	9 0	891	
Pannelled doors	6	4 6	,, 2¾	9 0	547	
	1	3 0	,, 2¾	6 0	41	
Venetian windows	12	4 6	,, 3	6 0	972	
	1	3 0	,, 3	6 3	56	
Do. do. with iron bars	13	2 0	,, 3½	6 3	569	
	2	4 0	..	4 0	32	
	2	4 0	2 0	4 0	64	
Ventilators	2	4 0	2 0	2 0	32	
	16	4 0	2 0	1 6	192	
	1	3 0	2 0	1 6	9	
Total square feet	..	..	..	..	..	3,405
Painting three Coats of zinc white paint.						
Glazed shutters for windows	12	4 6	..	6 0	324	
Court room—						
Principal rafters	4	12 6	..	1 5	71	
Tie beam	2	20 0	..	1 7	63	
Struts	4	6 0	..	1 4	32	
Purlins	2	33 0	..	1 7	105	
Wall plates	2	33 0	..	0 10	55	
Ridge beam	1	33 0	..	1 7	52	
Common rafters	50	15 6	..	0 11	710	
Eight trusses for 16-feet span—						
Principal rafters	16	9 6	..	1 3	190	
Tie beam	8	16 0	..	1 4	171	
Struts	16	5 0	..	1 4	107	

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 three Coats of zinc white paint—cont.						
Head clerk's room—						
Purlins	2	16 0	..	1 4	43	
Wall purlins	2	16 0	..	0 11	29	
Ridge beam	1	16 0	..	1 5	23	
Hip rafters	2	9 0	..	1 3	23	
Jack do.	4	5 0	..	0 10½	18	
Common rafters	24	12 0	..	0 10½	252	
Clerks' room—						
Purtins	2	46 6	..	1 4	124	
Wall purlins	2	46 6	..	0 11	85	
Ridge beam	1	46 6	..	1 5	66	
Common rafters	66	12 0	..	0 10½	693	
Private room—						
Purlins	2	19 6	..	1 4	52	
Wall purlins	2	19 6	..	0 11	36	
Ridge beam	1	19 6	..	1 5	28	
Hip rafters	2	9 0	..	1 3	23	
Jack do.	4	5 0	..	0 10½	18	
Common rafters	30	12 0	..	1 4	480	
Record room—						
Purlins	2	36 6	..	1 4	97	
Wall purlins	2	36 6	..	0 11	67	
Ridge beam	1	36 6	..	1 5	52	
Hip rafters	2	8 0	..	1 3	20	
Jack do.	4	5 0	..	0 10½	18	
Common rafters	52	12 0	..	0 10½	54[illegible]	
Porch—						
Purlins	2	21 6	..	1 9	75	
Purlins on wall	2	21 6	..	0 11	39	
Ridge beam	1	21 6	..	1 5	30	
Common rafters	34	12 0	..	0 10½	357	
Verandah—						
Posts	41	2 0	..	6 0	492	
Cap over posts	41	3 0	..	0 6	62	
Bressummers	..	297 0	..	1 4	396	
Rafters	155	11 0	..	1 1	1,847	
Hip rafters	8	13 0	..	1 3	130	
Jack do.	80	5 3	..	1 3	525	
Eave board	..	640 0	..	1 3	800	
	2	34 0	..	1 7	108	
Barge boards for court room gables	4	28 0	..	1 7	177	
	24	1 6	..	0 9	27	
	6	3 0	..	1 6	27	
Reepers	..	..	..	..	1,768	
Total square feet	..	..	..	..	..	11,533
Lead sheeting for valleys	8	12 0	1 6	144	720	720 (lb.)
			5 lb. per sq. feet.			
Wooden hand railings for dais	1	26 0	..	..	26	26 (R.ft.)
Moulding work.						
Archways in porch	3	20 0	..	..	60	
Windows	13	7 0	..	..	91	
	1	8 0	..	..	8	
Total square feet	..	..	..	..	..	159
Gravelling, 6″ thick.						
Porch	1	13 0	..	15 6	202	
	2	9 6	..	2 0	38	
	2	15 0	..	8 0	240	
Total square feet	..	..	..	..	..	480
Punkah, 10 feet long	1	..	..	..	1	1 (No.)
Petty supervision	..	..	..	..	..	
Contingencies	..	..	..	..	..	

Estimate form—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
15,309 C. ft.	Excavation for foundation	4 10 0	1,000 C. ft.	71	
6,374 ,,	Concrete	14 0 0	100 ,,	892	
8,412 ,,	Stock bricks in chunam for foundation and basement	19 8 0	..	1,640	
9,912 ,,	Stock bricks in chunam for superstructure ..	20 8 0	..	2,032	
766 ,,	Do. do. for archwork.. ..	23 8 0	..	180	
6,205 ,,	Filling in basement	5 0 0	1,000 C. ft.	31	
181 ,,	Cut-stone work	2 0 0	C. ft.	362	
390 Sq. ft.	Cuddapah slabs	24 8 0	100 Sq. ft.	96	
971 C. ft.	Teak wood wrought and put up	3 8 0	C. ft.	3,399	
324 Sq. ft.	Teak venetian and panel doors with frames $3\frac{1}{2}'' \times 5''$ hinges, hooks and other fittings complete	1 1 0	Sq. ft.	344	
261 ,,	Teak panel doors with frames $3\frac{1}{2}'' \times 5''$ hinges, and other fittings complete	0 14 0	..	228	
324 ,,	Venetian windows with frames $3\frac{1}{2}'' \times 5''$ including glazed inner shutters and brass fastenings complete	1 13 0	..	587	
182 ,,	Venetian windows with frames gothic glazed heads, iron bars and brass fastenings ..	1 12 0	..	319	
32 ,,	Ventilators with fixed glazed frames complete ..	1 3 0	Sq. ft.	38	
149 ,,	Ventilators with fixed wire netting and frames..	0 11 0	..	102	
600 lb.	Wrought iron works for trusses	0 3 0	lb.	113	
8,576 Sq. ft.	Tiled roofing with flat and pan-tiles including teak reepers	14 1 0	100 Sq. ft.	1,206	
4,057 ,,	Levelling course of concrete 6″ thick under flooring	7 0 0	..	284	
4,296 ,,	Flooring with 8″ square bricks in chunam and pointing with Portland cement	7 3 0	..	309	
585 ,,	Flooring asphalte $\frac{3}{4}''$ thick well rubbed over ..	17 5 0	..	101	
8,040 ,,	Plastering interior 2 coats of chunam polished ..	2 8 0	..	201	
7,562 ,,	Pointing exterior with cement	2 0 0	..	151	
3,405 ,,	Painting doors and windows with 3 coats of Carson's oak paints	2 12 0	..	94	
11,533 ,,	Painting woodwork with 3 coats of zinc white paint	2 12 0	..	317	
720 lb.	Lead sheeting for valleys	0 3 0	lb.	135	
26 R. ft.	Teak wood turned railings for dais	1 8 0	R. ft.	39	
159 ,,	Moulding over windows, &c.	0 1 6	,,	15	
480 Sq. ft.	Gravelling 6″ thick well watered and rammed ..	3 2 0	100 Sq. ft.	15	
1 No.	Teakwood punkah, 10 feet long, with brown holland fringes, brass wheels, hooks and other fittings including suspenders and pulling ropes, &c., complete	20 0 0	Each.	20	
		..	..	13,321	
	Petty supervision at 2½ per cent.	..	..	333	
	Contingences at 5 per cent.	..	..	666	
	Grand Total ..	..	..	..	14,320

CHEPÂK,
25th March 1891.

(Signed) H. IRWIN,
Consultin g Architect to Government.