M.R.O. 1—10,006—28-2-50.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. / B.P. No.	899	Press / Mis.	Original
Dated	31-3-	1894	195

Not to be folded or roughly handled

Read the following papers:—

No. 796. From Lieutenant-Colonel R. A. ROBERTS, R.E., District Engineer, Madura, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madura, 16th February 1874, No. 4,774.

In continuation of the telegraph message forwarded this day, I have the honour to bring to your notice that Executive Engineer Lieutenant Greer, R.E., has just reported to me that he will not be able to utilize more than Rupees 35,000 out of the current year's allotment of Rupees 40,000 for the Goodalore Ghaut works.

2 Copies of letters from Lieutenant Greer and Mr. Hawksworth.

2. It will be observed from the enclosed copy of Lieutenant Greer's letter, No. 655, dated 12th instant, that, owing to the general scanty fall of rain this year in the district, the feverish season on the ghaut has set in earlier than usual, and that he already finds difficulty in getting coolies, as every day four or five of those employed leave him owing to sickness. Moreover, as there has been no rain whatever for the past three months, he fears that by the end of this month there will not be a drop of water in the Muriapanjam river.

3. Under these circumstances, a sum of Rupees 5,000 is relinquished from the current year's allotment for the road between Goodalore and the foot of the ghaut.

4. In reference to paragraph 3 of my letter, No. 4,729, of the 14th instant, I have the honour to state that a reply has this day been received from Mr. Hawksworth, and a copy of the same is herewith enclosed. It will be observed that Mr. Hawksworth now reports that a total sum of Rupees 7,000 will be utilized by him this year on the construction of the Taluq Cutcherry at Pereakolum; and it is, therefore, requested that the amount, viz., Rupees 4,000, surrendered in the statement of savings (Provincial I, New Works) may be reduced to Rupees 1,700 only.

From Lieutenant M. GREER, R.E., Executive Engineer on Special Duty, Madura District, to Lieutenant-Colonel R. A. ROBERTS, R.E., District Engineer, Madura, dated Camp at Chuckilianthooray, 12th February 1874, No. 655.

I have the honour to state that I find it will be improbable that I will be able to spend more than Rupees 35,000 out of the allotment of Rupees 40,000 on the Goodalore Ghaut works by the 31st March.

2. I would feel obliged therefore if you would be so good as to telegraph to Colonel Walker and Colonel Farewell and inform them of the above fact, so that the balance (Rupees 5,000) may be transferred to some other work.

3. The reason I am obliged to give up the above Rupees 5,000 is owing to the feverish season having set in much earlier this year than in previous years. We have had no rain at all for the past three months, and by the end of this month I am afraid there will not be a drop of water in the Muriapanjam, as it is the water is exceedingly small in quantity and of a reddish brown colour.

4. I think therefore it would be very unwise to calculate on spending more than Rupees 4,000 during the remainder of the year; in fact, I doubt if it will be possible to work anywhere except close to the village of Goodalore next month.

5. The bridge on the ghaut will be finished in about ten days, and as there is a very fair bandy road from Goodalore to the foot of the ghaut, bandies will be able to reach the Travancore frontier from the Madura side.

6. Even now I find great difficulty in getting coolies, and every day four or five of those employed leave me owing to sickness. This has been a most exceptional year, as the feverish season does not usually set in till the beginning of April.

No. 796A. From J. M. HAWKSWORTH, Esq., Executive Engineer in charge of No. 2 or Dindigul Range, to Lieut.-Colonel R. A. ROBERTS, R.E., District Engineer, Madura, dated Camp at Periacolum, 11th February 1874, No. 636—1076.

In reply to your memorandum, No. 4,569, of the 4th instant, requesting to report why the whole allotment for the current year cannot be expended upon the new Taluq Cutcherry at Periacolum, I have the honour to inform you that the amount entered in the re-distribution list and taken from the Head Accountant was entered without my knowledge. The copy signed by me was also signed as a copy given to you. I did not observe that the surrender of Rupees 5,700 had been made.

One letter with one estimate (requested to be returned).

2. On the receipt of your memorandum above quoted, I at once sent for the Taluq Overseer, but he was ill with fever and has only this morning (10th) turned up. I have also by this morning's post got a reply from Mr. Grainger, which I enclose for your perusal in reply to mine of 18th October 1873, 9th November 1873, and 10th January 1874. It was this that has caused a delay in getting through the work rapidly and in replying to you.

3. Now that the model is nearly completed contractors of all kinds are coming forward, but not all of the safest description.

4. The Taluq Overseer is certain that he will do Rs. 3,000 of masonry.
Expenditure up to 31st December ... ,, 1,124

Total ,, 4,124 and I shall be able to pay for 3,000 Rupees worth of teakwood this month to the Deputy Conservator here to whom I have this day spoken, or to the Pollachy Officer, or, if it can be done, to Mr. Grainger, to whom I have written by this day's post to inform what amount he will guarantee to get done before the 31st proximo. At any rate Rupees 7,000 may be fully relied on as the expenditure by that date. So that out of the allotment Rupees 8,700—7,000 = 1,700 Rupees may be necessary to be surrendered, and this considering that the allotment was made without any reference to the circumstances or in fact without any reference to me, I trust will be considered quite satisfactory. There has been so much trouble in connection with this work; and considering that it has been six or more years in hand and the foundation is at last to be laid, and so much time has been occupied in settling and recovering the over payments of last year, I hope it will be regarded as a fair beginning.

5. I trust now to see the final on before Christmas of this year.

Proceedings of the Madras Government, Public Works Department,
31*st March* 1874.

No. 796B. From Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Fort St. George, 7th March 1874, No. 5,616.

In obedience to your memorandum, No. 144, dated 6th ultimo, on Mr. Hawksworth's letter, No. 636-1,076, of 11th July 1874, herewith returned, I have the honour to enclose a precis of correspondence, and to report that I do not see that Mr. Grainger is to blame, except for neglect to reply promptly to Mr. Hawksworth. Mr. Grainger seems to have exerted himself.

1 Precis.
1 Original letter (Mr. Hawksworths').
1 Reply of Mr. Grainger, with 1 Estimate.

2. The main delay (for which Mr. Grainger is not responsible I think) seems to have occurred between 12th November 1873, when Mr. Hawksworth referred Mr. Grainger to Mr. Chisholm, and 2nd February 1874 (not much short of three months) when Mr. Grainger received required details from Mr. Chisholm.

3. The present reference to Government might have been avoided, I think, if Mr. Grainger had replied promptly to Mr. Hawksworth's various letters.

4. Mr. Grainger appears to have made an attempt in a letter of 13th November 1873 to elicit information from Mr. Chisholm, and on three subsequent occasions he sent his Draughtsman and Estimator to Mr. Chisholm's office for information; on one occasion the man waited from 11 A.M. till 4-30 P.M., but in vain. Mr. Grainger made another attempt by letter on the 13th January 1874 to arrange for his Draughtsman to meet Mr. Chisholm, but nothing came of it. On the 16th idem Mr. Grainger had Mr. Chisholm watched into his office and started off for a personal interview, which was effected. This resulted in the receipt of the requisite information by Mr. Grainger on the 2nd February 1874 from Mr. Chisholm.

5. The delay appears to be mainly due to want of precision in the indents, and to the difficulty of finding Mr. Chisholm at home.

6. Copy of Mr. Grainger's ultimate reply to Mr. Hawksworth is enclosed.

7. The amount of payments likely to be due to the Workshops by Dindigul Range before the 31st instant is Rupees 1,400.

No. 797. ORDER THEREON, 31st March 1874, No. 899.

CIVIL WORKS, No. 84.

	Rs.	
	* 8,700	
Transferred	5,000	
	3,700	
Probable expenditure	7,000	
	3,300	Balance required.

It is to be regretted that the amount allotted during the current year for operations on the Goodalore Ghaut cannot be fully utilized, the circumstances, however, appear to be exceptional, and the sum of Rupees 5,000 relinquished has been otherwise appropriated.

2. Rupees 5,000 having been transferred from the allotment* for the Taluq Cutcherry at Periacolum, and the Executive Engineer having now arranged for the expenditure of Rupees 7,000 in all, it will be necessary to re-allot a sum of Rupees 3,300 to make up the amount

required, and this will be provided by the transfers shown below :—

	Rs.
From	
Lighthouse at Cape Comorin	1,000
,, at Cape Kadrapatam	1,251
Lightning Conductors to the Central Jail, Cannanore.	1,049
	3,300

3. The Consulting Architect will submit an explanation of the delay imputed to him in the letter from the Presidency District Engineer and the precis of correspondence accompanying it.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the District Engineer, Madura.
,, Officiating Controller of Public Works Accounts.
,, Consulting Architect, with two enclosures.
,, District Engineer, Presidency.

Extd. E. C. Shunkor,

No. 47/74 District Engineer's Office
Madura 16th February 1874.
Despatched 18th — 280 — 280

From
Lieutenant Colonel R. H. Roberts
District Engineer
Madura

To
Colonel G. W. Walker R.E.
Secretary to Government
Public Works
Madras.

Sir,

The Continuation of the Telegraph message forwarded this day, I have the honor to bring to your notice that Executive Engineer Lieutenant Greer R.E. has just reported to me that he will not be able to utilize more than Rs 35,000 out of the Current years allotment of Rupees 40,000 for the Coodaloor Chain work.

2. It will be observed from the enclosed Copy of Lieutenant Greer's letter No. 655, dated 12th Instant that owing to the general scanty fall of rain this year

Enclosures. 2.
Copies of
letters from Lieut. Greer
dated 11th
Instant.
Countersigned.

enclosed. It will be observed that Mr Hawksworth now reports that a total sum of Rupees 7,000 will be utilized by him this year on the Construc: Store of the Valay Cutcherry at Peradolay; and it is therefore requested that the amount, viz.t Rs 4,000, surrendered on the Statement of Savings (Provincial L. New Works) may be reduced to Rs 1,700 only.—

I have the honor to be

Sir.

Your Most Obedient Sv.

Lieut.t Col.d R.E.

District Engineer

Madura

No 655.

Camp Chickiankroy
12th February 1874.

From.

The Executive Engineer on Special Duty
Madura District

To,

The District Engineer
Madura.

Sir,

I have the honor to state that I find it will be improbable that I will be able to spend more than Rs 35,000 out of the allotment of Rs 40,000 on the Goodaloor Ghaut Works by the 31st March.—

2. I would feel obliged therefore if you would be so good as to telegraph to Colonel Walker and Colonel Farewell and inform them of the above fact so that the balance (Rs 5000) may be transferred to some other work.

3. The reason I am obliged to give up the above Rs 5000 is owing to the severe season having set in much earlier this year than in previous years — we have had no rain at all for the last 3 months and by the end of this month I am afraid there will not be a

over

Rs 1000

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Dup Ltr to Executive Engineer Cuddapah
No 1039 dated 18th Feby 1874
Original Despatched
Madura

Dup Ltr to Executive Engineer
Trichinopoly
No 1040 dated 18th Feby 1874
Original Despatched
Madura

Dup Ltr to Executive Engineer
Coimbatore
No 1041 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1042 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1043 dated 18th Feby 1874
Original Despatched
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Dupd Ltr to Executive Engineer
Salem
No 1044 dated 18th Feby 1874
Original Despatched
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Dupd Ltr to Executive Engineer
Trichinopoly
No 1045 dated 18th Feby 1874
Original Despatched
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Dupd Ltr to Executive Engineer
Cuddapah
No 1046 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
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No 1047 dated 18th Feby 1874
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Dupd Ltr to Executive Engineer
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No 1048 dated 18th Feby 1874
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No 1049 dated 18th Feby 1874
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No 1050 dated 18th Feby 1874
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No 1054 dated 18th Feby 1874
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Madura

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Madura

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Salem
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Coimbatore
No 1168 dated 18th Feby 1874
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Madura

Dupd Ltr to Executive Engineer
Salem
No 1169 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1170 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1171 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1172 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1173 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1174 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1175 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1176 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1177 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1178 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1179 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1180 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1181 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1182 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1183 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1184 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1185 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1186 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1187 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1188 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1189 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1190 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1191 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1192 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1193 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1194 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1195 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1196 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1197 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1198 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1199 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1200 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1201 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1202 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1203 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1204 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1205 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1206 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1207 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1208 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1209 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1210 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1211 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1212 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1213 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1214 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1215 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1216 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1217 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1218 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1219 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1220 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1221 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1222 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1223 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1224 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1225 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1226 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1227 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1228 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1229 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1230 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1231 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1232 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1233 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1234 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1235 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1236 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1237 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1238 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1239 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1240 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1241 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1242 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1243 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1244 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1245 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1246 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1247 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1248 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1249 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1250 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1251 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1252 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1253 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1254 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1255 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1256 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1257 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1258 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1259 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1260 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1261 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1262 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1263 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1264 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1265 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1266 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1267 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1268 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1269 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1270 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1271 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1272 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1273 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1274 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1275 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1276 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1277 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1278 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1279 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1280 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1281 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1282 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1283 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1284 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1285 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1286 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1287 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1288 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1289 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1290 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1291 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1292 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1293 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1294 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1295 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1296 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1297 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1298 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1299 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1300 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1301 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1302 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1303 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1304 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1305 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1306 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1307 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1308 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1309 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1310 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1311 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1312 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1313 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1314 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1315 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1316 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1317 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1318 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1319 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1320 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1321 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1322 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1323 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1324 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1325 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1326 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1327 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1328 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1329 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1330 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1331 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1332 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1333 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1334 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1335 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1336 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1337 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1338 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1339 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Coimbatore
No 1340 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Salem
No 1341 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Trichinopoly
No 1342 dated 18th Feby 1874
Original Despatched
Madura

Dupd Ltr to Executive Engineer
Cuddapah
No 1343 dated 18th Feby 1

Sir Gilbert Scott

drop of water in the Aqueduct as this
water is exceedingly small in quantity &c.
&c. Fredrick Brown Colonel.

4 Should water therefore be required
in the Cantonments during the Rainy
season & during the Remainder of the year in such
small quantity as will be drawn by wheels any other
except Close to the villages & gardens must
cease.

5 The Bridge at Ambahawa be
finished in about five days and the Road
very fair & good from thence to the
foot of the Hills. Bullocks will be able to travel
the Kaimore frontier from the Sudra side

6. Overseers and Head persons
in getting Coolies and every assistance &c.
&c. employed Leave and every Indulgence.
This has been a most unhealthy year as
the Fevers & Season does not usually set in
till the beginning of April.

I have &c.
(Signed) Dr. Grant Colonel

(Seal)

Superscription

To
Lieut. Colo. R.E.
Dist. Engineer &c. &c. &c.
Madura

No. 636
1876.

Executive Engineers Offices.
Camp Secunderabad.
11th February 1876.
Desp. 13th D.A.Camp Secunderabad

From
The Executive Engineer
in charge of Divisional Ranges.

To
The Dist. & D.
Secunderabad

Sir,

I have reply to your Memo No. 4569
of the 4th instant, requesting to report why
the whole allotment for the Current year cannot
be expended before the next Rainy Season
&c. I have the honor to inform you
that the amount entered in the Redistribution
list and taken from the Divisional Accountant
was ordered without my knowledge. The Copy
signed by me was also signed as a Copy
given to you. Which not observing that the
surrender of Rs 5,700 had been made. —

On the receipt of your Memo above
quoted I sent once for the Rainy Overseer
but he was ill with fever and had only this
morning

Enclosures 2.
1 Letter with
1 Estimates.

2.
Requested to be returned

Copy of Letter No. 636 dated 11th Feby 1876 from the Executive Engineer in charge of Divisional Ranges to the Dist. & D. Secunderabad

Copy of Letter No. 636 dated 11th Feby 1876 from the Executive Engineer in charge of Divisional Ranges to the Dist. & D. Secunderabad

morning (10th) turned up. Please also by this morning's post ask a reply from Mr Granger which Enclosed for your friend or reply to mine of

18th October 1872.
9th November 1872.
10th January 1873.

Have this work has caused a delay or will through the work rapidly and in future days.

Now that the model is ready & published Contractors of all kinds are invited to and all of the exact description

Mr. Daly Prince to know that he will do Rs 3000 of money

Expenditure upto 31st December 1124

Total 4124.

be able to pay for 3000 Rupees worth of Teak wood this month to the Public Works here to whom I have the day before or to the Collector Office or if can be done to Mr Granger to whom I have written before days post to inform what amount he will be

guarantee

guarantee to get done before the 31st proximo. If any rate Rs 7000 may be fully relied on as the expenditure by that date. So that out of the allotment Rs 8700 – 7000 = 1700 Rupees may be necessary to be surrendered and this Considering that the allotment was made without any reference to the circumstances or in fact without any reference to me I trust will be Considered quite satisfactory. There has been so much trouble in connection with this work and Considering that it has been one or more years in hand and the foundations is at last to be laid. and so much time has been occupied in settling and recovering the overpayments of last year. I hope it will be regarded as a fair beginning.

I must now to see the finals one before x mas of this year.

I have &c.

(Signed) J. M. Hawksworth.
Executive Engineer in charge
of No 2 or Pinchingly Range.

(True Copy)

Lieut. Col R.E.
District Engineer Madura

Estimate of the probable cost of wood and Iron works, for a first class Jail, Cuttack, according to the Specification and detailed quantities enclosed of all materials for Executive Engineer Cuttack Range.

No.	Description of work.	Rate	Per	Amount
1044.	Sft. Teakwood work in trusses &c.	8	"	Sft. 3132 " "
450.	lbs. Iron work for trusses &c.	"	4	" lbs. 112 8 "
24.	Doors Venetian each 5 feet 4" x 8'	40	"	" each 960 " "
6.	Teak doors iron with wooden frames each batten Shutters 4' x 8'	80	"	" " 480 " "
7.	Record rooms Venetian windows with iron bars Rafts each hole 4' x 2'-6"	34	"	" " 238 " "
8/2	18". Circular Portions, each 4 Sqrs	12	"	" " 102 " "
6	Jack Ventilators with iron bars Rafts each hole 4' x 2'-6"	20	"	" " 120 " "
210.	lbs Zinc Sheeting for Valley 84" x 8"	"	4	" lbs 52 8 "
34.	Sqrs. painting doors and Windows &c. with 2 coats of lead color paint.	2	2	" Sqrs. 72 4 "
80	lbs 18 " Copper Sheeting and Straps of 3" wide and turrets for a length of 50 ft.	"	14	" lbs 70 " "
10.	ft. Copper no. 61" for lightening conductor	1	12	" ft. 17 8 "
1	Platina tips for — do — do —	8	"	" each 8 " "

Corrected Accn. 5382 12 "

P.W. 1859/74

Copy of Mr. Fraser's Works Estimate 1859 dated 11th February 1874.

1859

No 1961

No. Description of work. Public Works Department.

Brought forward	5382. 12 "
Contingencies @ 5 per cent	269. 4 "
Total cost delivered at Workshops	Rupees 5652 " "

Public Works Workshops,
Chepauk 6th February 1874.

Signed J. F. Spranger
Superintendent Public Works Dept.

Examined

Superintendent Public Works Dept.

Public Works Workshop Department.

Chiswick, Mddsex, 6th Feby 1874

No. 2921.

From

The General Superintendent,
P. W. Bishops and Sons

To

The Executive Engineer
Colombo Range
Colombo

Despatched 7th } 8th January 1874
Received }

P.G. 731 Enclosure
Your No. 1 dated 7th Jany 1874
P.W. 1359

Sir,

With reference to your letters marginally noted I have the honor to enclose Estimate of the probable cost of Second work Shop for a Vessel 2-0-in 8 ft - 3 to 1 ft

Letter 1/3/184 8/18th Oct 1873
4/937 7/19th Nov 1873
1/898 8/10th Jany 1874

Encls
1. Precis.
(Orig letter (no Enclosures) Reply of 10th Grainger with Estimate.

No 5616,

From

The Public Engineer
Presidency

To

The Chief Engineer
Secc. to Govt. D. P.W.

Sir,

In obedience to your memo. No. 1424 dated 26 ultimo on Mr Hawksworths letter No. 636/1076 of 11 Feby 1874 herewith returned I have the honor to enclose a precis of correspondence and to report that I do not see that Mr Grainger is to blame, except for neglect to reply promptly to Mr Hawksworth. Mr Grainger seems to have exerted himself.

2. The main delay (for which Mr Grainger is not responsible I think) seems to have occurred between 12th Nov '73 when Mr Hawksworth referred Mr Grainger to Mr Chisholm and 2nd Feby 74 (not much short of 3 months) when Mr Grainger received received details from Mr Chisholm.

3. The present reference to Government might have been avoided, I think, if Mr Grainger had replied promptly to Mr Hawksworths various letters.

4. Mr Grainger appears to have made one attempt in a letter of 13 Nov '73 to elicit information from Mr Chisholm, and on three subsequent occasions he sent his Draftsman Estimator to Mr Chisholm's office for information. On one occasion the man waited from 11 a.m. till 4½ p.m. but in vain. Mr Grainger

made

made another attempt by letter on the 13th Inst. to arrange for his Draftsman to meet Mr Chisholm but nothing came of it. On the 16th idem Mr Grainger had Mr Chisholm watched into his office and started off for a personal interview which was effected. This resulted in the receipt of the requisite information by Mr Grainger on the 21st Inst. from Mr Chisholm.

5th The delay appears to be mainly due to want of precision in the indents, owing to the difficulty of finding Mr Chisholm at home.

6th Copy of Mr Grainger's ultimate reply to Mr Hawksworth is enclosed.

7th The amount of payments likely to be due to the Workshops by Deadigal Range before the 31st instant is Rs 1,400.

I have the honor to be
Sir,
Your most obedient servt.
Jno. Fraser M.Inst.C.E.
District Engineer
Poona Division.

Fort St. Serge.
7th March '74.

No. 41.

No 5616

From

The District Engineer

Presidency

To

The Chief Engineer

& Secy to Govt D. P. W.

Sir,

In obedience to your memo No. 114 dated 26th ultimo on Mr. Hawksworth's letter No 636/1076 of 11th February 1874 herewith returned I have the honor to enclose a precis of correspondence and to report that I do not see that Mr. Grainger is to blame, except for neglect to reply promptly to Mr. Hawksworth. Mr. Grainger seems to have asserted himself.

2. The main delay (for which Mr. Grainger is not responsible Estimate) seems to have occurred between 12th November 1873 when Mr. Hawksworth referred Mr. Grainger to Mr. Cheshelm and 23 February 1874 (not much short of 3 months) when Mr. Grainger received required details from

Encls:
1 Precis.
1 Large letter
(Mr. Hawksworth)
1 Reply of Mr. Grainger, with
1 Estimate.

Recd 13th March 1874

P. Dist. Engineer
Presidency

The Asst. Engineer
Presidency

for

The Chief Engineer
D. P. W.

Dated 7th March 1874
Recd 9th March 74
No 5616.

Encl.

Reporting upon the delay in the submission of Estimate for extension of the wharf at Kyouk Phyoo Branch Range of Piers from the Jetty to Mr. Hawksworth's.

Chief Engr's Office
No 899 - 31 March 1874

Rec'd 13th March 1874

from Mr. Chisholm.

3. The present reference to Government might have been avoided, I think, if Mr. Granger had replied promptly to Mr. Hawksworth's various letters.

4. Mr. Granger appears to have made an attempt, in a letter of 13th December 1873 to elicit information from Mr. Chisholm, and on three subsequent occasions he sent his Draftsman & Estimator to Mr. Chisholm's office for information, On one occasion the man waited from 11 A.M. till 4 1/2 P.M., but in vain. Mr. Granger made another attempt by letter on the 13th January 1874 to arrange for his Draftsman to meet Mr. Chisholm but nothing came of it. On the 16th idem Mr. Granger had Mr. Chisholm watched into his office and started off for a personal interview which was effected. This resulted in the receipt of the requisite information by Mr. Granger on the 2nd February 1874

from

from Mr. Chisholm,

5 The delay appears to be mainly due to want of precision in the indents, and to the difficulty of sending Mr. Chisholm at home,

6 Copy of Mr. Granger's ultimate reply to Mr. Hawksworth is enclosed.

7. The amount of payments likely to be due to the Workshops by Dividend Range before the 31st instant is Rs. 1,400.

I have &c.

Fort St George
7th March 1874.

[Signed] J. Goddard Lt Col R E
District Engineer
Presidency.

Qr adv

G.O. No: 899 dated 31st March 1874

P. W. Departt.

Proceedings of the Madras Government

Read the following

From The District Engr. Madura. / H. E. No. 477 dt 16th Feby/74

From H. In. Harbour works Engr.
& Engr. in charge of Dundegal Range } H. E. No. 636/1076 dt 11th —"—"

From Dt. Engr. Trichinopoly H. E. No. 5660 dt 7th March/74.

It is to be regretted that the amount allotted during the current year for operations on the Coodalore Chaut cannot be fully utilized. The circumstances however appear to be exceptional and the sum of Rs. 5000 relinquished has been otherwise

otherwise appropriated

Rupees 5,000 having been transferred from the allotment for the Taluq Cutcherry at Peracoolum and the Executive Engineer having now arranged for the expenditure of Rupees 7,000 in all, it will be necessary to allot a sum of Rupees 3,300 to make up the amount required, and this will be provided by the transfers shown below

From	
Light House at Cape Comorin	1000
" " Kadrapatam	1251
Lightning Conductors to the Pentah	
Jack Cumanore	1049
	3,300

The

Rs. 8,700
Transferred 5,000
3,700
Probable Expenditure 37,000
3,300 Balance required

3. The Executive Engineer will submit an estimate on the expenditure of the

delay in the Letters from the Divisional Engineer Presidency Engineer

Rs.
Cost

Circuit Full Memo

I do not desire to enter upon an Explanation of Mr Elsdon's letter of 7th Instant, but I must take exception to the Paragraph of Mr Elsdon's letter &c & Mr Elsdon's explanation

2nd Jany

I am pained to observe by the tenor of Mr Elsdon's letter of 7th Instant & the Explanation & Mr Elsdon's letter &c & Mr Elsdon's explanation that Mr Elsdon has taken exception to the Paragraph of my Letter of 3rd Instant, and I am sorry that Mr Elsdon should have

he owes to the public, Accommodation for the Consulting Architect has been provided at Chepauk, and he is instructed to avail himself of it, and to attend there between the regular office hours. He will likewise before proceeding on any inspection of public works report fully to the Chief Engineer the object of such journey, and attend to any instructions he may receive from him with reference to the same.

Gen.

Dt Engr Madras
Cantt
Chief Architect with Govt
Dt Residency
Mil. instn to all 31/3/74
Sd. Capies despd to all 17/4/74.

796-798

R 30

Cir 13 Jan/94 R 25

1359-1036

Govt. of 1874 Madras.

PUBLIC WORKS.

To The District Engr
Madura

Rec'd 31 March No. 809

1796/1797

Funds -

Passing orders on letter from the Dy Engr Mdy re: pointing out the delay in the submission & Estimates for certain works required by the Divisional Range Officer from the Head Supdt Pay Establishment - and allotting funds by certain Revenues for the Peria Calam Salary Archers & the Cong Constables to submit an explanation & the delay complained of -

Cir 13 Mar/94 R 25