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MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**G.O. No. 22110Press
Mis.Dated 10-2-43

18

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*Proceedings of the Madras Government, Public Works Department,
3rd October 1862.*

No. 49. Read the following List from the Chief Engineer:—

List of Orders of Government of more than three months
standing remaining unanswered for the half-year ending } (Here enter 2nd September 1862, No. 2,912.)
31st March 1862, for the half year ending 30th June 1862.

No. 50. ORDER THEREON, 3rd October 1862, No. 2,370.

1. The above List containing the Orders of Government of more than three months standing unanswered by the Central Office refers to the half-year ended 31st March 1862.

Southern Circle.

31st December 1861, No. 2,463.

25th June 1862, No. 1,470.

7th August 1862, M. No. 15.

To submit a plan for connecting Cochin with the Railway either by the Canal or by a good road.

25th February 1862, No. 301.

To submit the estimate for the improvement of the line between Avanachy and Metapoliem in Coimbatore.

Northern Circle.

20th April 1861, No. 799.

To give detailed information regarding the exploration of the Upper Godavary.

3. On an examination of the List a number of orders of long standing are found to remain unanswered and the Government now proceed to record a few observations with reference thereto.

CHIEF ENGINEER.

4th October 1861, No. 1,825.

Awaits the further report promised by the Chief Engineer as to the manner in which Mr. Kennedy's services may be profitably utilized when submitting the report on the establishment required for the Presidency Workshops and Store Department.

30th October 1861, No. 2,007.

To ascertain by Circular what machinery now lies useless in the Districts.

4. This should be reported on in connection with the necessity for the erection of an Engineer's Store Yard and Workshop referred for report in paragraph 9 of Proceedings No. 1,376, dated 17th June 1862.

5. It is nearly one year since this information was called for. The District Engineers should be instructed to report on the subject immediately.

SOUTHERN CIRCLE.

17th January 1861, No. 112.

21st May " " 9.

To instruct "Mr. Fraser to take the plans and surveys, &c., for the Reservoirs at Palavur on the Bhowani and to complete and submit them with carefully prepared estimate as early as possible.

6. Permission is solicited for omitting these orders. The Government being unwilling to lose the result of Mr. Fraser's labours desired the Chief Engineer to instruct that Officer to take the plans with him from Coimbatore to Tanjore, and to complete and submit them. The Deputy Chief Engineer in charge of the Central Office in his Endorsement of 5th July 1861, No. 2,376, stated that the plan and estimate might be expected by the end of that month. This promise however has never been fulfilled. In asking permission to omit these orders the Deputy Chief Engineer of the Southern Circle appears to have lost sight of the Endorsement above quoted and of Colonel Horsley's letter dated 29th November 1861, No. 7,737. Colonel Ouchterlony is requested to state what progress has been made in the preparation of the plans, &c., and if there is any likelihood of the project, the investigation of which has cost much labor and money, ever being laid before Government.

2 *Proceedings of the Madras Government, Public Works Department,*
3rd October 1862.

5th November 1861, No. 2,048.

Requests re-consideration of the Nerunjee-
patt Anicut project.

6th November 1857, No. 2,077.

23rd April 1860, " 834.

16th August, " " 1,744.

5th March 1858, No. 390.

Calls for a plan and esti-
mate for a Central Jail at Can-
nanore.

6th Nov. 1858, No. 2,345.

Requests to submit after
the removal of existing restric-
tions, estimates for construct-
ing a bridge over the Mulla-
taur in the South Arcot Dis-
trict.

The Inspector of Jails
reports that until funds are
available nothing seems neces-
sary in regard to the Central
Prison at Cannanore.

Will be attended to.

3rd December 1858, No. 2,600.

30th September 1859, No. 2,341.

Calling for a report from Mr. Fraser on
the Vilanthevalum Bridge in Coimbatore after
the completion of the work.

5th June 1859, No. 1,470.

Calling for a plan and estimate for a
building which would answer the joint purpose
of a General Dispensary and Civil Hospital at
Ootacamund.

7. In his letter of 14th November 1861,
No. 7,170, the late Chief Engineer reported
with reference to the Order of 5th November
1861, No. 2,018, that the plans and estimates
had been sent to the District Engineer of
Coimbatore, and that as soon as they were re-
turned they would be submitted to Government.
In Colonel Horsley's letter dated 29th Novem-
ber 1861, No. 7,737, it was stated that this
project was dependant upon the result of Mr.
Fraser's investigation in connection with the
Palavur Reservoir, and in the present List a
remark is entered to the effect that the subject
is under reference to the District Engineers of
Salem and Coimbatore. Measures should there-
fore be adopted for the submission of the re-
port at an early date.

8. The cause of delay in submitting the
estimate of the Central Jail at Trichinopoly
should be explained. Explanation is also nec-
essary for the delay in the submission of the
plans and estimates for Church accommodation
for the Christian population at Ootacamund re-
ferred to in the Orders marginally noted.

9. This remark will be
referred to the Judicial Depart-
ment, where it will be consider-
ed whether the order should re-
main or be removed from the
List.

10. Under the present
system the Government of India
fix a certain limit within which
works should be proposed for
execution. As this practice re-
moves all restrictions similar to
that referred to in Government
Order No. 2,345, the Chief
Engineer is requested to issue
Circular instructions to District
Engineers that in the prepara-
tion of future Budgets care
should be taken to select old
projects which have been
approved and sanctioned by
Government in preference to
new ones. This order is appli-
cable only in cases in which the
works are of equal importance
at the present time and where
the rates allowed in the
estimates already sanctioned
are considered sufficient for
the completion of the works.

11. This entry is unnecessary. The whole
subject connected with the Vilanthevalum
Bridge has been before Government and the
matter was finally disposed of in Proceedings
No. 1,624, dated 10th July 1862. The Order
calling for revised plans and estimates for the
work should appear in its proper place.

12. The Deputy Chief Engineer's remark
opposite this Order is the same as that entered in
the last List. The purport of the corres-
pondence between the District Engineer and
the Deputy Chief Engineer should have been
stated.

Proceedings of the Madras Government, Public Works Department, 3
3rd October 1862.

23rd February 1860, No. 401.

Calls for an estimate of the cost of erecting
an Office for the Electric Telegraph Depart-
ment at Tuticorin.

24th October 1859, No. 2,502.

Calls for information regarding certain
lines of road in Trichinopoly connected with
the Railway.

9th March 1860, No. 501.

Paragraph 7. Requests that a report be
submitted at the close of one year from
commencement of operations from both the
District Engineer of Coimbatore and
Captain Farewell on the planting of trees in
rows or clumps as suggested by Doctor Cleg-
horn.

21st October 1856, No. 1,932.

2nd June 1857, No. 1,042.

17th January 1861, No. 112.

Directs that Mr. Fraser's survey of one of
the two sites for Reservoirs for the storage of
water in Coimbatore and an estimate for a Dam
and subsidiary works be submitted.

5th October 1861, No. 1,843.

Directs to call upon Mr. Fraser through
the District Engineer of Tanjore, to state how
he proposes to make good the sum declared to
be due by him.

7th December 1861, No. 2,246.

Requests to report on paragraphs 6, 14 and
15, Proceedings of the Board of Revenue on
the subject of the Collector's report on Public
Works in the Coimbatore District during the
Official year 1860-61.

6th November 1860, No. 2,280.

To call upon Mr. Fraser for any explana-
tion which he may wish to offer as to why he
did not take upon himself the duty of inspecting
Mr. Bake's cash and accounts with the aid of
his accountant, and why he left the Gumáshta
of Mr. Supervisor Martin's Office to do so, also
why he took Royappa Pillai Mr. Martin's
Gumáshta, from his proper work and used
him as his private Moonshee.

24th December 1860, No. 2,393.

Calls for plans and esti-
mates for a Mill and Bakery at
Jackatalla.

Held in abeyance E. M. C.
No. 1,736, 26th August 1858.
Authority is solicited to remove
this from future Lists.

NORTHERN CIRCLE.

13th March 1861, No. 508.

To furnish for submission to the Home
Government Photographic views of the works
in the Godavery and Kistna.

13. It is upwards of two years since this
Order was issued. The Deputy Chief Engineer
is requested therefore to submit the estimate
as soon as possible.

14. The information called for in this
Order is important and should have been sub-
mitted some time ago. The Deputy Chief
Engineer is requested to forward the report as
soon as possible.

15. In the last List of unanswered refer-
ences a separate report was promised. The
Officers concerned should be directed to com-
ply with the Order.

16. As Mr. Fraser is about to leave the
service it should now be ascertained what he
has done with reference to these orders.

17. Permission is solicited to remove this
order from future Lists as Mr. Fraser has not
answered the call made on him by the Central
Office. The Chief Engineer will see that all
outstanding balances against Mr. Fraser are
recovered before that gentleman quits the ser-
vice of Government.

18. The long explanation said to have
been received from the District Engineer should
ere this have been laid before Government.
The Deputy Chief Engineer is requested to
submit the report as soon as possible.

19. Permission is granted for omitting
this order from future Lists.

20. This will be referred
to the Military Department
from which Department the call
was originally made.

21. The Government would wish to be
informed what has been done subsequent to the
sanction accorded in their Order No. 738, dated
11th April 1862.

**4 Proceedings of the Madras Government, Public Works Department,
3rd October 1862.**

19th March 1861, No. 639.

To submit plan and estimate for a Tálug Kacheri at Atwaken in the Nellore District.

17th June 1861, No. 1,116.

Calls for a report of the expeditions of the "May Flower" up to the Devulmurry Barrier.

10th September 1861, No. 1,684.

28th October 1861, No. 1,989.

Requests that after the expiration of three months Colonel Horsley will submit, with his further views on the subject of a postal communication between Dumagudiem and Ellore, a return showing the number of letters, &c., distinguishing official from private letters and papers.

31st December 1861, No. 2,459.

Communicating for the Chief Engineer's report a letter from Mr. Dykes, regarding Trunk Road, No. 6 in the Nellore District.

14th February 1862, No. 208.

Enquires if the Medical Warrant Officers' Quarters are at present required at Dowlaishwaram, if so, to state the source from which funds to carry out the work are to be obtained.

30th August 1859, No. 1,157.

Calls for an estimate for the road from Nowpada Salt Pans to Petta Teekali.

4th April 1860, No. 712.

To submit estimate for a bridge to connect the two parts of the town of Masulipatam now to be separated by the Canal.

CENTRAL CIRCLE.

27th August 1859, No. 2,060.

30th July 1860, " 1,618.

Calls for an estimate for a bridge to be hereafter built at Arcot in connection with the road from Arnee to Arcot.

5th January 1860, No. 30.

Calls for certain information respecting the road from Triveloor to the Cortilliar river.

26th November 1857, No. 2,181.

17th July 1858, " 1,389.

Calls for plans and estimates for the construction of a Cavalier Tower in the Barracks at Bangalore.

25th February 1858, No. 323.

Requests that the effect of the remedy to be applied for the evils resulting from the existence of Dam stones in Calingulais in North Arcot may be reported.

6th January 1860, No. 46.

Calls for a survey and estimate of roads from the Gooty Station house to the best point on the North West Railway.

22. The cause of the delay in replying to these orders should be explained.

23. The Deputy Chief Engineer states that the necessity for these buildings is doubtful. This should form the subject of a separate letter.

24. Permission is requested to omit this order from future Lists, but the reason for its omission is not given. The Order, moreover, does not appear to have been issued from the Public Works Department.

25. The Proceedings of Government calling for an estimate for the bridge should be quoted by the Deputy Chief Engineer Northern Circle, when orders will be passed regarding its removal from future Lists.

26. The District Engineer should be called upon to prepare the estimate which should be laid before Government by the Deputy Chief Engineer as soon as possible.

27. Should be submitted at an early date to enable Government to give sanction for the entry of the estimate in the next Budget.

28. The Deputy Chief Engineer should have referred to his letter No. 33, dated 20th August 1862, now before Government.

29. This report should have been submitted to Government long ere this.

30. As these roads are connected with the North West Railway now in progress the estimates should be submitted to Government without delay.

**Proceedings of the Madras Government, Public Works Department, 5
3rd October 1862.**

26th January 1860, No. 196.

22nd May " " 1,067.

11th June " " 1,225.

10th July 1861, " 1,280.

Calls for plans and estimates for Barrack accommodation required at the Mount on the removal of Depôts of European Troops from Arcot and Poonamallee to that Cantonment.

31. The plans and estimates reported to be under preparation in the Central Office should be submitted at an early date. The Government observe that a temporary establishment was sanctioned for this work under date the 13th August 1861, No. 1,545.

28th February 1862, No. 328.

Requests to submit an estimate of the probable cost of completely eradicating the Prickly Pear at Palaveram.

32. As it is very necessary that the Prickly Pear should be eradicated. The estimate should be submitted at an early date.

16th November 1858, No. 2,414.

Calls for information as to the transfer of the Lantern intended for the Coompta Light House to Tuddri.

29th October 1861, No. 2,002.

Requests to submit plan and estimate for works connected with the Sedasheghur Harbour.

8th November 1861, No. 2,071.

Paragraph 2. Captain Walker to report without delay on the improvements effected by the Bombay Government to the road from Iddagunji eastwards to Hoobly under the arrangement assented to in Government Order, 27th March last, No. 630, 7th December 1861, No. 2,255.

33. Permission is granted for omitting these orders from future Lists in consequence of the transfer of North Canara to the Bombay Presidency.

Awaits the report promised regarding Lieutenant Fraser's new traces of the lower part of the Kaiga Ghât and from its foot to Mulla-poor.

31st December 1861, No. 2,452.

Requests to call upon Captain Walker to state what progress has been made on the Kaiga Ghât road and to submit the report as soon as possible.

AUDIT DEPARTMENT.

5th May 1859, No. 1,061.

21st July " " 1,757.

17th Sept. " " 2,240.

Paragraph 2. Calls for a careful statement showing under distinct heads the entire cost of Cochrane's Canal from the time it came into the possession of Government to the close of the past official year.

23rd November 1860, No. 2,426.

To report in communication with the Civil Auditor on the claim advanced by Lieutenant Tyrrell stating on what duty he was kept at the Presidency; the circumstances which rendered it necessary that he should send for his tents to Madras, and the year for which the claim is advanced.

34. These subjects should be speedily disposed of.

PERIODICAL RETURNS.

Two Statements showing the higher grades of Uncovenanted Servants one European and East-Indian and the other Native as they stood on the 1st May 1862.

35. More than one Reminder was sent to the Central Office calling for these Returns. It is hoped that there will be no further delay in submitting them.

6 Proceedings of the Madras Government, Public Works Department,
3rd October 1862.

36. Throughout the List the Government observe the entry of the same general remark. "In correspondence with the District Engineer." This is very indefinite. The date of the last correspondence should be quoted as done by the Board of Revenue.

37. The present List is submitted earlier than the last, but still there has been a delay of three months which should hereafter be avoided:

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

List of Orders of Government of more than three months standing remaining unanswered on the 31st March 1862 for the half year ending 30th June 1862.-
General Subject.-

13 th March 1857 No 255	Desires that when the boundaries of the several Zemindarries shall have been laid down the omission which still exists in the tabular Statement of area of each collectorate may be supplied.-	Awaiting Captain Priestley's survey.
27 th March/57 No 563 1 st May/57 No 839 11 th Aug ^r /57 No 1559 9 th July/62 No 1601	Calls for Lists of Naranicums Establishment	The Statements have been sent to the District Engineer for corrections up to the present date.
23 rd December/58 No 2777-	Calling for a report on the records of the Cantonment plans kept in the Central and Executive Engineers' Offices	Report will be submitted.-
8 th January/59 No 268 2 nd October/60 No 2046	Calls for a report relative to the experiment on the surface friction of Boats about to be undertaken under Colonel Cotton's direction	In correspondence with the District Engineer Upper Godavery.-
12 th May/59 No 548	Requests to consider the subject of honorary prefixes for Vernacular proficiency to the names of Officers of the Department of P.W.	The attention of the Board of Examiners will again be drawn to this subject.-
18 th June/61 No 1287	Communicating for remarks or suggestions para 6 of an Order of Government in the Military Department regarding the ventilation required to Hospitals.-	A report will be submitted shortly.-
20 th July 1861 No 1347	To report separately on the subject of Mechanical Engineers not required at the Presidency.-	Under consideration.-

30 th July 1861 No 1509 Requests	Requests to be furnished with information on the subject of Officers holding purely Civil appointments receiving a fixed consolidated salary not varying with their Military rank. -	Vide letter to Govt. dated 23 rd Jan ^y 1862 requesting the subject may be deferred pending the reorganization of the D. P. W.	28 th February 1862 No 328 Requests to know what funds will be available for completely erecting the prickly pier plant from the Palaveram Cantonment. -	Will be reported when submitting the Estimate. -
4 th October 1861 No 1825	Awaits the further report promised by the Chief Engineer as to the manner in which Mr. Kennedy's services may be profitably utilized when submitting the report on the Establishment required for the Presidency Workshops and Store Department. -	Will be attended to. -	Central Office D. P. W. Chepauk 2 nd Sept ^r 1862 -	Colonel R. E. Chief Engineer D. P. W.
7 th October 1861 No 1854	Requests to call for and submit reports from the District Engineers on the subject of reducing Establishments and to state why immediate reductions cannot be effected in Vizagapatam, Tinnevely and South Canara and also in Madura regarding which a report has already been called for. -	The subject held in abeyance pending the reorganization of the D. P. W.		
15 th October 1861 No 1900.	Requests to consider and report how the Establishment charges in South Canara can be reduced. -	Do		
30 th October 1861 No 2007.	To ascertain by circular what Machinery now lies useless in the Districts	Replies are being received		
20 th December 1861 No 2341	Awaits the further promised report as to the necessity of withdrawing from the Districts such of the Articles of Machinery as are not likely at present to be found useful. -	Will be attended to. -		

Comd. J. P. W.

List of Orders of Government for more than three Months standing remaining unanswered for the half year ending 31st March 1862.

23rd Feb/56. 265 Calls for certain information with Deferred C.M.C. regards to 4 roads in Rajahmundry. 2158, 14th October 1858.

17th Sept. " 1674 Calls for a revised estimate for Will be submitted effecting the junction of the East Coast on the receipt of the Canal with the Southern High level Project of the Southern Channel at Inkoole. Canal.

8th July 1857. 1313 Calls for Plans and Estimates. Awaiting the receipt of plans for a prison at Vizagapatnam. and Estimates. 5th Aug 5/58. 1542 24th July 1862. 1782

19th Nov 57. 2128 Calls for a revised estimate for Plans and estimates a metalled road from Narsa poor received and will be submitted at a more favorable opportunity. 16th Nov 5/61. 2130 to Uttali in Rajahmundry.

8th Jan 1859. 68 Calls for a report relative to the Under reference experiment on the surface friction of the District Roads about to be undertaken under Engineer Officer Colonel Cotton's directions. Godavery.

5th April 1857. 806 Requests that estimates may be The attention of the submitted for the completion of certain Dist. Engrs. will be drawn to this subject. roads in Vizagapatnam.

11th May 1859. 1130 P.Y. Calls for an estimate of the cost Will be attended for fitting up the Steamer Trevelyan - ed to. purchased for the use of the Godavery.

21st June " 1521 7. To ascertain and report the sui. Will be re-ported on, on 6th August. 1891. - tables of the Krishna upwards from receipt of Dist. Engrs report Berwade for Navigation.

*Same
The Chief Engineer
to the Secy to Govt
of the
22nd Feb 1862
P.O.
29/11
List of Orders of Govt
of more than three Months
standing remaining
unanswered under 31st
March 1862 for the
half year ending 30th
June 1862.*

21 st July 1859. 1751	Requesting to report on the present depth and general condition of the Northern part of the Dordozpatam Canal in the Nellore District.	Will be reported on in connection with the Order of Govt. 5 th May 1859. N ^o 1061.	tendered for sale by Mr. Watson for Government 15 th Commisariat godown at Cocanada October 1860, 2141.
17 th Sept. " 2240			
29 th July " 1891	Calls for Plans and Estimates for a Cantonment at Vizagapatam.	Will be reported in connection with the Order of Govt. of 31 st March 1862 N ^o 623.	Calls for an Estimate for extending the road from Burrampuzza Salurn to Aligum in Ganjam. Will be submitted at a more favorable opportunity.
30 th Aug. " 1157	4 - Calls for an estimate for the road from Noupada salt pans to Petta Seckali.	Orders are requested to omit this reference from future lists.	To report whether a Canal independent of the Coast Canal could be carried out from the Pennair towards Madras. Under reference to Consulting Engineer Irrigation and Canal Company.
26 th October. 2524	Communicating a Minute by the Honorable the Governor and calling attention to the following points.		
4 th Nov. " 2594	To submit Estimates for completing roads and water communications between Cocanada and Coringa.	Awaiting Estimates.	To submit Estimate for a Bridge to connect the two parts of the town of Masulipatam now to be separated by the Canal. The Bridge having been sanctioned, authority is requested to omit this reference from future lists.
	For the remaining works for the completion of the irrigation system of the Krishna and Godavery deltas.	In communication with the District Engineer.	
	Plans and Estimates for the proposed new workshops at Dowaiswaram.	Deferred, the old workshop having been repaired.	
	To submit a scheme for laying out the entire angle between the river and Canal as building land.	The Dist ^l Eng ^r 's attention will be drawn to this subject.	
7 th Dec. " 2850	Directs that the District Engineer and the Officer who is to report on the harbours of the Godavery and Krishna deltas shall make a joint report on the best means of converting the Fort ditch into a Circular Canal and improving the approach to it from the sea in connection with the Bergwarda and Masulipatam Canals in course of construction and to furnish an Estimate of the cost.	Will be reported on, on receipt of Dist ^l Engineer's reply.	
13 th Dec. " 2891	Requests to submit an Estimate of the value of the building and ground tendered.	Ordered to be submitted.	
19 th January 60 - 137			
2 nd May " 458			
4 th April. 712			
24 th April. 840			
2 nd May. 905			
30 th Dec. 1124	4 - Calls for a report on the means of keeping open the Godavery navigation.	Will be submitted on receipt of Dist ^l Engineer's reply.	
2 nd June " 1149	7 - To bear in mind, Major Horsley's remarks on the approach to the Nagoli Bridge when submitting the Estimate for the road to Chittivela in Vizagapatam.		
25 th June " 1331	2 - Enquires of the progress made with the groynes to protect the lands endangered by encroachment of the Pennair at Nellore.		
	3. To report after the monsoon as to the effect of the Groynes in preventing further damage.	Will be reported.	Asks

8th Novemb^r 1860 - 2309 Asks to know when the two Bridges in the Kistna District were completed and whether they have been regularly used in the Channel since. The attention of the Dist^l Engineer will be drawn to this subject.

12th Dec^r " 2379 To submit explanation respecting the accounts of the sale of salt up the Godavery shewing what was the cost by wastage, if any. Awaiting the receipt of the reply from the Dist^l Engineer his attention will again be drawn to this subject.

30th April 1861. 870 To explain why a sum of Rs. 293-3- is charged for superintendence for repairing the Nellore tank and the Channel supplying the same and to explain particularly what items compose the charges for superintendence referred to in Chief Engineer's letter N^o 8939, dated 17th January 1861. Will be reported on receipt of reply from Dist^l Engineer whose attention will be again drawn to this subject.

19th Dec^r 1860. 2603 To explain why a sum of Rs. 293-3- is charged for superintendence for repairing the Nellore tank and the Channel supplying the same and to explain particularly what items compose the charges for superintendence referred to in Chief Engineer's letter N^o 8939, dated 17th January 1861. Bill is received.

21st Jan^y 1861. 145 To explain why a sum of Rs. 293-3- is charged for superintendence for repairing the Nellore tank and the Channel supplying the same and to explain particularly what items compose the charges for superintendence referred to in Chief Engineer's letter N^o 8939, dated 17th January 1861. Bill is received.

22nd Feb^y 1861. 359 Calling for an Estimate of the outlay required for the experiment of re-establishing a sanitarium at or near Grants range on the Eyaliparavattuni and for information as to cost incurred on the experiment at Harris' valley. Fide letter to Gov^t of 30th Sept^r 1861 N^o 4457, submitting a statement shewing the cost of the several Hill Stations within the Madras Presidency.

27th Dec^r - 391 Calls for the report regarding the existing establishment which can be dispensed with to meet the extra charge for working the Nellore tidal sluice. The attention of the Dist^l Engineer will be again drawn to the subject.

13th March 1861. 508 To furnish for submission to the Home Government Photographic views of the works in the Godavery and Kistna. The views when received will be submitted.

19th Dec^r - 639 To submit Plan and Estimate for a Salag Cutcherry at Anaken in the Nellore District. A particular attention of the Dist^l Engineer will again be called to the subject.

Calling

5th April 1861. 679 Calling for a report on certain points connected with the vessels employed in the navigation of the Upper and Lower Godavery and Delta Canals. Will be submitted shortly.

22nd Dec^r 811 To submit further promised report of the particulars of the accident which proved fatal to lives by the ferry steamer at Rajahmundry coming into collision with a passenger boat. The attention of the Dist^l Engineer will be again called to this subject.

25th Dec^r - 837 To call upon the District Engineer Vizagapatnam to go fully into the investigation so as to give a reliable Estimate of the cost of executing different portions of works and an approximate Estimate of the amount of water held up by the proposed amount available for irrigation. Will be reported on receipt of reply from Dist^l Engineer whose attention will be again drawn to this subject.

23rd May 1861. 973 Requests that the survey and Estimate for constructing a road from Anakarakul to Sennapore on the Mahanuddy river may be laid before Government at an early date. Fide letter to Gov^t N^o 240, 3rd April 1862.

17th June " - 1116 Calls for a report of the expedition of the "May Flower" up to the Devulmurry barrier. Will be reported.

21st Dec^r - 1135 Requests to submit Estimate of the cost of the entire scheme in furtherance of the Upper Godavery Navigation Project. Will be submitted on receipt of Estimate called for from Dist^l Engineer Upper Godavery.

11th July 1861. 1285 Calls for a fresh plan and Estimate for a Jail at Chitterpore in Ganjam providing for the health, secure custody &c of the prisoners, at much less expense. Awaiting Plan and Estimate from Dist^l Engineer.

12th August " 1530 Requests the Chief Engineer to give his opinion on the proposal to double the maintenance allowance for the East Coast Canal. Will be attended to.

Asks

5th Sept. 1861. - 1664
Asks whether it would not be better to abandon the road from Masur to District Eng. - lipatam to Bezguda on completion of the Canal. Under reference

10th Dec. 1861. - 1684
28th Oct. 1861. - 1989
Requests that after the expiration of 3 months Colonel Boreley will submit with his further views on the subject of a postal communication between Durnagudim and Ellore, a return shewing the number of letters distinguishing Official from private letters and papers. Returns are being received and will be submitted.

14th Sept. 1861. - 1690
Requests to expedite the submission of the report regarding the establishment necessary to supervise the distribution of the water in the Godavery and Kistna. Will be reported in connection with the Kistna Establishment.

21st Sept. 1861. - 1765
Requests that after a period of 12 months a report will be furnished with regard to the qualifications of Sub Overseers W. Parthasarathi, D. Sambia and Abdul Kadir of the Kistna District. Will be attended to.

19th November 1861. - 2146
Requests to endeavour to obtain a further supply of the Mineral No. 2 in order that its gas-yielding capabilities may be further tested. Awaiting a supply from the Dist. Engineer of Upper Godavery.

23rd Dec. 1861. - 2360
Requests to furnish in due course a report on the exploration of the river Wurda in Upper Godavery. The attention of the Dist. Eng. has just been called to the subject.

31st Dec. 1861. - 2436
Requesting opinion of the Chief Engineer on a letter from the Collector of Nellore stating that the Zemindar prefers

prefers the Zemindar in the South of Nellore and being brought in communication with the Railway by a road from Turka-Tagiri to Karambadi near Tripati. North Arcot. 17

31st Dec. 1861. - 2461
Requests that the surveys of the Jypore and Ryaguddah in Vizagapatnam may be expedited and that Plans and Estimates for the same be submitted without delay. Will be reported in connection with the Order of Govt. dated 8th February 1862 No. 161.

31st Dec. 1861. - 2459
Communicating for the Chief Engineer's report a letter from Mr. Dykes reporting on Trunk Road No. 6, in the Nellore District. Will be shortly reported upon.

11th January 1862. - 63
Requests to submit any progress Report of the operations on the Upper Godavery. Awaiting the receipt of the report from the District Engineer.

24th Dec. 1861. - 62
Requests to obtain and submit from the District Engineer of Nellore a full report on each of the roads referred to by the Collector, together with full explanation of the circumstances mentioned in paragraph 4 with regard to the Maintenance allowance of a portion of Trunk road No. 6. In correspondence with the District Engineer.

To submit Plans and Estimates to Kistnapatnam and Escapilly Roads. Estimates received and awaiting for further information called for.

31st Dec. 1861. - 99
Requests to submit the revised Estimate for the road from Ongole to Kotapatnam. In communication with the Dist. Eng. and awaiting the receipt of the Estimates.

8th February 1862. - 161
Requests to submit the survey of the Survey in

of the line from Harris' valley to in progress.
purpose as soon as it is completed

16th February 1862. 208.

Enquires if the Medical Warrant Officers' Quarters are at present required at Dowlaivaram, if so, to state the source from which funds to carry out the work are to be obtained. The Dist. Engr. states the necessity for the building is doubtful as the Sappers and Miners are likely to be removed to Mercara.

14th Dec. 214

Requests to instruct the District Engineer Kistna to dispose of the fuel belonging to the Steamer Pioneer for such sum as he may be able to obtain and to submit Bill for the balance of the expenditure incurred. Will be submitted when received.

19th Dec. 254

Expects the necessary Plans and Estimates being prepared by Captain Searle for the improvement of the Cocanada Harbour. Will be reported on the receipt of Plan and Estimates.

20th Dec. 275

Requests to call upon the District Engineer of Kistna for a Survey and Estimate of the proposed new line of road from Inkele to Guntur and also to state what portion of it can be carried into effect next year if funds be forthcoming. Awaiting the receipt of Plans and Estimates from the District Engineer.

24th Dec. 292

Requests to be furnished with a Quarterly Statement showing the Officers and Subordinates employed in the Upper Godavari and the mode of their employment. The return was returned to the Dist. Engineer for certain corrections and will be submitted after its receipt.

28th July 1862. 324.
22nd July " 1753

Directs to call upon Captain Haig to revise the Estimate for the work at the Central Barrier and to send in detailed Plans and Estimates for the works at the 2nd and 3rd Barriers. The attention of the Dist. Engineer has been called upon to expedite the Plans and Estimates.

28th July " 352

Requests the Deputy Chief Engineer to communicate with the Inspector General Mysore Police with a view to select sites for the construction of Station Houses. In communication with the District Engineer concerned.

4th March " 353

Requests to forward at the close of each official year a statement of actual receipts and disbursements of the Printing Press attached to the Godavari District. Submitted for 1861/62. Side letter to Govt. of 22nd June 1862. N^o 340.

12th Dec. 316

Requests to instruct the District Engineers of Godavari and Kistna to submit once a year carefully prepared Charts of the bed of the rivers for some miles both above and below the ariants by which they are crossed. Will be submitted.

19th Dec. 485

To submit a Statement Annually exhibiting the effects of the Pennar ariant works on the Cultivation and Land Revenue of the Nellore District. Side letter to Govt. of 15th May 1862. N^o 306.

24th Dec. 547

Awaiting the receipt of the Survey Plans and Estimates for the formation of a road from Madras frontier at Sankrakal to Sonepur on the river Mahanadi. Will be submitted when received. Side letter to Govt. of 3rd April 1862.

Requests

31st March 1862

Requests to submit Estimate in communication with the
Board of Revenue
for the erection of the new
Artillery Barracks at Waltair.

Northern Circle Office
Chepauk
August 1862

Mummy
Captain R.E.

For Deputy Chief Engineer N.E.

To

Colonel W. J. Birdwood R.E.

Chief Engineer D. P. W.

List of Orders of Government for more than three months standing remaining unanswered for the half year ending 31st March 1862

5th April/55. N. 142. Calls for Lieut. Chambers final Project suspended
6 March/58. 397. Report regarding the branch Canal to the W. D. O. of Govt. N. 2345
13 May/58. 335. Beach. dated 1st December
28th Sept/59. 2326 1859 Page 6.

15 May/56. 703 Calls for a carefully considered Under reference
15 Sept/56. 1649 Estimate for effectual operations at the with the District
23 May/62. 1121 Northern outlet of the Mangalore harbour Kannara. Engineers of South

2 May/57. 845 Requests that in communication Will be sub.
19th Nov/57. 2181 with the Mysore Authorities a fresh submitted at a
Scheme for a road from Bellary to more favorable
Bangalore may be submitted. opportunity

12 Sept/57. 1739 Calls for Estimates for a Central
Jail at Bellary. Sg.

29th Dec. 1847 Calls for a report on the most eligible Ordered to lie over
Site for a landing place at the Adyar Pro. of Govt. 14 Nov.
1860 N. 2359.

26 Nov/57. 2181 Calls for plans and estimates for the Under reference
17 July/58. 1389 Construction of a Cavalier Tower in the Parrothe Bangalore with the S. C. Eng.
at Bangalore Order 3491-12

1st Dec/57. 2260 Requests that on the resubmission of the Will be submitted
Estimates for the additional masonry and earth at a more favorable
work required to complete the road from Pootalpet opportunity
to Rencumbady in N. Acob information on certain
points may be furnished.

1862 Dec 1855

From
The Sg. & Eng. Engineers
Sg.
Sg. & Eng. Engineers
S. C. E.

2882 2326 } August 1862

N. 145

Order of Government for more
than 3 months standing
not remaining unanswered
- issued for the half year
ending 31st March 1862

25th July/58 N:323

Requests that the effect of the remedy Report received to be applied for the evils resulting from the and will be shortly existence of Dam Stones in Calingulake. Submitted in N. Arcob may be reported.

28th July/58. 1475

Desires that when the estimate Postponed Note of Rupees 8580 Sanctioned for restoring the Pro. of Gooty 13th Banks of the Coom river has been worked Sept. 1860 N:1913 out application be made for a maintenance allowances.

16th Nov/58. 2414

Calls for information as to Permission is he- the transfer of the lantern intended for from the list of the Coom light house to Tuddu. Unanswered, re- ference to N. Arcob transferred to Dom bay

2nd April/59. 7906

Desires that the Estimate stated Will be reported

23rd June/59. 1535

to have been prepared for completing the in connection road from Bellary to Mollu be laid before 2nd May/59. N:845 Government at a proper time.

26th July/59. 1803

Requests the Garrison Engineer Held in abeyance to report on the proposed lines at London's 21st Dec/59 N:2972 gardens after completion.

27th Aug/59. 2060

Calls for an Estimate for a

25th July/60. 1618

Bridge to be hereafter built at Arcob in connection with the road from Arnee to Arcob

The Dist. Engr. points out impracticability of carrying out this work there being very little probability of funds being available.

20 Sept/59. 2242

Requesting to submit plans and

12 Dec/59. 2876

Estimates of the canal from the Medical College at this S. E. end of Black Town to the Light House

Held in abeyance vide Pro. of Govt. dated 23rd July 1860 N:1578

19th Nov/59 N:1575

Requesting that the District Engineer Map not new be called upon to prepare a sketch of the District according to the new distribution proposed by Mr. Pelly and submit the same for information of Government.

5th Jan/60. 30

Calls for certain information respecting the road from Trivelour to the Cortelair river

Plans & Estimates received & returned with a request to resubmit in proper time for entry in the Budget of 1862/63 but has not been done.

6th Jan/60. 46

Calls for a Survey and Estimates of roads from the Gooty Station house to the best points on the N. W. Railway

Will be submitted when the state of the finances will admit as required by Government.

26th Jan/60. 195

Calls for an Estimate for enlarging St. Mark's Church at Bangalore

Under reference with the Dist. Engr. Bangalore.

26th Jan/60. 176

Calls for plans and Estimates for Barrack accommodation required at the Mount on the removal of Depots of

32 May. 1867

11 June. 1225

10th July/61. 1280

European Troops from Arcob and Ponnammallu to that Cantonment.

27th Aug/60. 1816

To prepare and submit in communication with the Quarter Master General plans and estimates for buildings for the Married men and families of the Regiment in the Barracks in Fort Saint George.

11th Feb/61. 543

Plans and Estimates received under examination

7th Jan/61. 29

Request to report result of the available space for the Wood Wharf at Chintadripet

Under reference to the Collector of Madras.

28th March/61 - 91

Call for plans and estimates for a Bell tower in Lamb George's Cathedral. Subscribed under Order of Govt. dated 26th July 1862 No 1774.

25th April/61 - 845

Call for report on the state of the Gunder Sailer's House. Under reference with the District Engineer.

11th June/61 - 1080

Call for plan and estimate for the repair of the Pommel tank. Progress.

14th June/61 - 1101

Call for plans and estimates for the buildings Required for the Gun powder Manufactory at the Mount. The attention of the Dist. Engr. Madras will be specially drawn to this subject.

9th Augth/61 - 1511 5

Desires that the District Engr. near Cuddalore be asked to suggest any other plan by which the Talook futeheries plan under ab fulecadda and Rajampett may be constructed at a lower cost. Estimate in accordance with the District Engineer's revision.

15th Augth/61 - 1529 5

Asks to know if the maintenance of some of the roadways over Government bridges may not be transferred to the Municipal Commissioners. In correspondence with the District Engineer, Presidency.

19th Augth/61 - 1578

To report with regards to the restoration of the Goolloor tank in the Bellary District. Will be submitted at a more favorable opportunity.

17th Octth/61 - 1912

Requests to report whether the Lantern for the Palicat Light House has been fixed and the light exhibited as yet. The Report not received as yet.

29th Octth/61 - 2002

Requests to submit Plan and Estimate for Works connected with the Sedashghur. Permission is requested to remove this requisition from the Lib. 27

8th Novth/61 - 2071 P. 2.

Requested Captain Walker to report without delay on the improvements effected by the Bombay Government to the road from Vaddagunja eastwards to Bombay, under the arrangement opened to in Government Order 27th March last No 630. Permission is requested on account of the North Canara transferred to the Bombay Presidency.

4th Decth/61 - 2255

Awaits the report promised regarding Lieut. Travers new traces of the Lower part of Ryga Ghaub and from its foot to Mullapoor. Permission is requested to remove this requisition from the Lib. having been transferred to Bombay.

18 Decth/61 - 2328

Requests the Chief Engineer to have the requisite surveys and Plans for the restoration of the Pommel Tank near Palaverum. Surveys & Plans in progress.

24th Decth/61 - 2402

Requests to forward survey with the necessary Plans and Estimates for improving the Hambankal Channel shortly in the District of Madras. Survey in progress will be forwarded.

31 Decth/61 - 2452

Requests to call upon Captain Walker to state what progress has been made on the Ryga Ghaub Road and submit the same as soon as possible. Permission is requested to omit this requisition from future issues.

13 Feb 62 N. 194

Asks to know if, the res-
maining Overseer sheds in the Bellary District are to be built during the current year and if so the probable cost.

25 Feb 62 - 398

Referring for revision of estimate for the present Lunatic Asylums and Presidency for erection of certain additional Cells at Madras.

26 Feb 62 - 317

Requesting the Deputy Chief Engineer to expedite the submission of the Estimate for the removal of the Arsenal, Gun Powder, Gun Carriage, Manufactories to St. Thomas Mount.

13 March 62 - 432

Asks to know the period which will elapse before the additional land required for the Amicut across the Jiggley Nullah in Bellary will be taken up.

17 March 62 - 461

Government will reserve their opinion regarding necessity or otherwise of continuing to maintain the District workyard, until receipt of the report promised by the Deputy Chief Engineer Central Circle.

20 March 62 N. 507

Calling for plans and estimates for additions required to the present gas works in the Fort.

13 July 59 - 1694

7 Dec 59 - 2843

Calls for Plans and Estimates for the accommodation of married Soldiers of the Artillery at the Mount.

28 Feb 62 - 328

Requests to submit an Estimate of the probable cost of completely eradicating the Pichly near at Palaveram.

Central Circle Office P.M.

Chepauk

23 August 1862.

To

Colonel W. S. Birdwood M.C.
Chief Engineer S. P. W.

Ex 2

31

List of orders of Government for more than 3 months standing remaining unanswered for the half year ending 1st March 1862.

9th June 1741 Calls for a report on the Estimate and report retained
8th Feb 4/174 project for an ancient acrost the in this Office on account of
Munymootanuddy river — the restriction on expenditure —

8th May/86 "607
15th Sep/57 "602
26th May/58 "997
5th Nov/61 "1048

Requests reconsideration
of the Meringpelt aincub project
District Engineers Salem and
Coimbatore:-

Under reference to the

21st Decr/56 N^o 1932
22nd June/57 - 1042
17th June/61 - 112

Directs that Mr. Fraser's survey of one of the two sites for reservoirs for the storage of water in Poimbatore and an estimate for a Dam and subsidiary works be submitted -

vide letter to Govt dated 29th November/56 N^o 7737 reporting Mr. Fraser's ommissions to reply to requisitions from this Office. Authority to omit this in future lists is solicited as Mr. Fraser's connection with the Dept^y is on the point of being ended -

12th Sep^r/57 1739
Balls for Estimates for a
Central Jail at Trichinopoly.
The District Engineer's attention
will be specially directed to the
subject.

6 th Nov/.	2077	Call for a report on the	Awaiting the receipt of Plans
23 rd Apr/60	836	subject of providing Church	and Estimates from the District
16 th Aug/61	1764	accommodation for the Christian	Engineer. A remainder will be
		population at Colacaminud.	sent to him.

2nd Dec. 1857/2393 Calls for plans and Estimates for a Mill and Bakery 26th 1858. Held in abeyance E. No. C. 1736. Authority is solicited to remove this from future lists.

From
Messrs. J. B. Keith & Co.
Engineers
No. 100
St. Louis, Mo.
March 1862.

5th March/68. 2330 Calls for a Plan and Estimate for a Central Jail at Cannanore. The Inspector of Jails reports that until funds are available, nothing seems necessary in regard to the Central Prison at Cannanore.

1st Nov/68 2345 Requests to submit after the removal of existing restrictions Estimates for constructing a Bridge over the Muttatur in the South Arcot district. Will be attended to.

3rd Dec/ 2600 Calling for a report from Mr. Fraser on the Vettanthevalam Bridge in Coimbatore after its completion. Estimate received and will be submitted after examination.

15 June/69. 1470 Calling for the submission of a plan and Estimate for a building which would answer the joint purpose of a general dispensary and Civil Hospital at Estacumund. Under reference to the District Engineer, revenue & planning having been called for.

26th Oct/69. 2502 Calls for certain information regarding certain lines of road in Trichinopoly, connected with the Railway. Will be submitted.

2nd Dec/ 2812 Requests to submit the opinions of the Collector on the proposal to abandon the Lspoor station & the construction of one at Adamancotta in lieu. Collector's report promised after the effect of the Railway this.

23rd Feb/69. 401 Calls for an Estimate of the cost of erecting an Office for the Electric Telegraph Dept. at Estacumund. Under reference to the District Engineer, revenue & planning.

9th Nov/60 501 27 Requests that a report be submitted at the close of one year from commencement of operations from both the District Engineer of Coimbatore and Captain Farewell on the planting of trees in rows on clumps as suggested by Doctor. Telegraphy. The attention of the District Engineer will be called to this subject.

1st Nov/ 2270 To call upon Mr. Fraser for any explanation which he may wish to offer why he did not take upon himself the duty of inspecting Mr. Baker's cash and accounts with the aid of his accountant and why he left the Bhoonastath of Mr. Supervisor Martin's office to do so, also why he took Royappa Pillay Mr. Martin's Gomas-tath from his proper work, and needs him as his private mooncher. Vide letter to Govt dated 29th November 1861 N-7737 reporting on Mr. Fraser's omisions to reply to requisitions from this office. Authority is solicited to remove this from future lists.

28th Nov/ 1715 To report what has been done by the District Engineer in the matters of the preparation of a plan and Estimate for the Sherruway Dispensary called for in the order of Govt May 15/60. 1-733. Plans and Estimate returned to the Zillah surgeon for submission thro' the Principal Inspector General Medical Department.

17th Jan/61 112 To instruct Mr. Fraser to take the plans and surveys for the reservoirs at Palavar on the Bhawanis & to complete & submit them with carefully prepared estimates as early as possible. Vide letter to Govt dated 29th November/61 N-7737 reporting on Mr. Fraser's omisions to reply to reference from this office. Authority is solicited to remove this from future lists.

30th Apr/61 863 To state when and on whose design the two Bridges one between Coimbatore and Metapolliem and when submitting Bills for the other at Echaniy on the the Bridge - Coimbatore Palachy road were built. Explanations will be furnished.

1st June/61 712 P. 4. Requests to know whether in place of building a new and separate jail near Jakkatallah the Prison now in course of construction at Coimbatore could not be enlarged and added so as to accommodate in all one hundred convicts. Will be reported on in connection with the order of Govt. 20th June/61 & 1st 7/75.

20th 6th 7/5 P. 3. Calls for a detailed Plan and Estimate of the additional buildings required in connection with the jail at Coimbatore. Plans & Estimates received and are under examination.

1st July/61 1338 Requests to prepare a Plan & Estimate for the construction of a Salubrious Cutcherry on the site of the old one in the Coimbatore District. Plans and Estimates were reviewed but as they were not prepared according to the standard & they were returned to the District Engineer with instructions to submit fresh ones.

18th 8th 1305 Requests to report after reference to the Inspector General in what manner that officer's plan could be carried out at two of the stations where jails are most urgently needed, viz in Madurai & Coimbatore & what would be the cost of a jail of such size as may be needed at those places allowing for the aid of convict labor and the value of materials of the present jails and within what time they could be built. Estimates have been received from the District Engineer of Coimbatore and Madurai and are under consideration.

1st July/61 1125 States that when a copy of the Deceer in the matter of the suit to be instituted by M^r Overseeer Edmonds is submitted, Govt will adjudge whether the costs shall be borne by the Overseeer or Government. Deceer will be submitted when received.

1st Aug/61 1369 Requests to ascertain the cause why credit for only Rs 500 is taken for the materials of the old New Custom House at Nagasatam. Will be reported on shortly.

14th 2nd 1128 Forwards for consideration letter from the Collector of Tanjore forwarding the salt report of his Deputy regarding the improvement of the roads leading to the same. The District Engineer's promised report will again be called for.

3rd Sept/61 1766 To know why with the large Public Work establishment in Madurai the salt roads have been neglected. Will be reported.

16th 2nd 1834 To desire the District Engineer to have the locality where it was proposed to lay down Vadaramiam salt at Nagasatam carefully examined by a competent officer if he cannot conveniently attend to it himself. In communication with the District Engineer.

24th 2nd 1779 States that further orders will be passed on the submission of the Plan & Estimate for the Magazine for the European Detachment at Calicut. In communication with the Quarter Master General of the Army.

5th Dec/11 2043 Directs to call upon Mr. Fraser through the District Engineer of Sanyre to state how he proposes to make good the sum declared to be due by him. *Vide letter to Govt. of 29th November/61 127737 reporting on Mr. Fraser's omission to reply to requisitions from this Office. Authority is solicited to remove this from future lists.*

22nd Dec/11 2025 Requests to instruct the District Engineer Coimbatore to prepare the necessary estimates for the works which may be required for the drainage of the bazar the supply of water, & other arrangements connected with the sanitary state of the town, Coatacamund which will be inserted in the Budget for 1862/63. *Estimate received, and returned to the District Engineer owing to certain defects therein.*

15th Dec/11 2035 Requests to submit Plan and Estimate of the building to answer the joint purpose of a Dispensary and Civil Hospital at Coatacamund. *Plans & Estimate received & returned to the District Engineer of Coimbatore for revision.*

7th Dec/11 2246 Requests to report on paras 6-14 and 15 Proceedings of the Board of Revenue on the subject of the Collector's report on Public Works during the official year 1860/61. *A very long explanation was received from the District Engineer Coimbatore showing that he had not been in charge 4 months & that the District was in a bad state when he succeeded to it. Permission is solicited to omit this in future lists.*

11th Dec/11 2278 Awaits the promised report of the result of the three remaining suits in the Moonsiff's Court at Dindigul. *District Engineer will be called upon to expedite the submission of the report.*

20th Jan/62 32 Requests the Deputy Chief Engineer Southern Circle to obtain & submit the necessary Estimates for forming the roads leading to the Nagapattam Railway station & for maintaining them in a proper state of repair. *Estimates received & will be submitted after examination.*

22nd Dec/11 42 Requests that a report on the state of the Arasadi salt road in Sinnerelly sanctioned to be covered with coral stones, may be furnished after the experience of a year's traffic. *Will be attended to.*

5th Feb/62 150 Government will determine on the submission of the decree in the suit brought by the dumb ara stack against the District Engineer of Krishnopoly whether the cost shall be borne by Government or the officers concerned. *Awaiting the receipt of the Decree from the District Engineer.*

17th Dec/11 262 Desires that the Estimate sanctioned in November/57 for the road between Mercanum & Indi-vaanum may be revised agreeably to the prevailing rates & resubmitted. *Will be submitted on receipt of Estimate from District Engineer to whom a remainder will be sent.*

28th Dec/11 332 Requests the Deputy Chief Engineer to communicate with the Inspector General of Police with a view to select sites for the construction of station houses. *In communication with the Inspector General of Police.*

14th March/62 356 Awaits Estimates promised by the District Engineer Malabar for opening a new line of road 6 1/2 miles wide between Chumbur & Chelumbor. *A remainder will be sent to the District Engineer calling for the Estimate.*

9th Dec/11 371 Calls for a report on the year's operations in Pambur when the detachment of 4th M. is removed. *Will be submitted.*

3. Aug 62 387 Calls for an Estimate for
extending the apron below the Estimate received and
lockroom, Amich and doubling its under examination -
present width

11. 8. 442 Requests to know the use
to which the building at Kadambade In correspondence with
in Sangre occupied up to this the District Engineer -
time as a Salook cutcherry
may be applied -

Calls for an Estimate
of the cost of the necessary repairs
to the building at Negapatam
lately occupied by the Industrial
school of arts -

Circular Office S.M.
Madras 18 August 1862

Richtermy M. G. R. S.

Deputy Chief Engineer S.C.

To

Colonel W. L. Birdwood R.E.
Chief Engineer S.M.

Audit Department
 List of orders of Government for more than three
 months standing remaining unanswered for the
 half year ending 31st March 1862..

From
 The Chief Engineer
 Southern Circle

The Chief Engineer
 N.C.

Jan 189
 Recd 19th August 1862
 P.N. 39
 Mr. Hudson

List of orders of
 Government for more than
 3 months standing
 remaining unanswered
 for the half year ending
 31st March 1862.

7th May 1859
 N. 1885. Requests that when
 the Bill for the New Low Salute
 Catchment is submitted, explain. With to be attend
 nation may also be afforded receipt of final
 as to the balance of excess over the bill is received
 Estimate

5th May 1859 N. 1861 Para 2 Calls for a careful
 21 July 1859 Statement showing under dis.
 17th Sept 1859 distinct heads the entire cost of The attention of the
 Cochranes Canal from the time will be again
 it came into the possession of called upon to
 Government to the close of the submitted the re-
 past official year.. quired information..

23 Aug 1859
 1860. Directs that the Offi-
 cers concerned in the adjustment
 of the Andersons account be called upon to ex-
 plain the unsatisfactory
 manner in which the ac-
 count appears to have been
 kept..
 Vide Proceedings
 of Govt. 27th June 1862
 N. 1401 Passing
 orders on this
 subject.

Requests

7th Nov/61 N^o 2052

Requests to call upon Mr. Fraser for a more detailed explanation of the irregularity on his part in incurring an expenditure of nearly 45 per cent. in excess of the Estimate for repairing road from Coimbatore to Ambavetty River via Palachee and for repairing from D^o to D^o via Palachee and Coadamalcollah.

Will be reported on the receipt of reply from Mr. Fraser and his attention will again be drawn to this subject

16th Dec/61 N^o 2316

Requests that the Bill may be submitted for constructing a Cinchona propagating house at Coimbatore

Awaiting the receipt of Bill from the District Engineer.

23rd Dec/61 N^o 2361

Requests to require Mr. Fraser forthwith to account for the balance of money standing against him.

In correspondence with the District Engineer of Coimbatore.

31st Dec/61 N^o 2466

To submit a full report after the expiration of one year on the adjustment of the Public Works expenditure incurred previous to 1st May/86 for which a temporary Establishment has been sanctioned

Will be submitted shortly

31st Dec/61 N^o 2486

Requests to submit a Return of expenditure up to 31st December 1861 Submitted on the 18th February 1862

7th March/62 N^o 377

Calls for a quarterly return of all outstanding Bills in the Madras district for 1860/61 with the name of the Executive Agents by whom they are due &c

Awaiting the receipt of Paper from the Dist. Engr. and his attention will again be drawn to this subject.

10th Feb/62 N^o 175

Requests the early submission of a report on Major Selby's Accounts

Awaiting the report from the District Engineer

23rd Nov/60 N^o 2126

To report in communication with the Civil Auditor on the claim advanced by Lieutenant Tyrrell stating on what duty he was kept at the Presidency the circumstances which rendered it necessary that he should send for his tent to Madras and the year for which the claim is advanced.

The attention of the Civil Paymaster will again be called to this subject

10th March/62 N^o 393

14th July/61 N^o 1659

Para 3. As to how much of the deficiency is to be recovered from the Estate of the late Sergeant Wright Overseer in Coimbatore for defalcation and how much is to be written off

5. And to call upon
Mr. Foster (if not already fur-
nished) - to furnish without
delay the explanation re-
quired of him in several
places in the accounts of the
Carroll range with the ^{awaiting} the prompt
result of Mr. Lowry's in- ^{of reply from}
-vestigation into the expense Mr. Foster
- has in that range up
to 31st December 1860.

Central Office of Mr.
Chepman
23rd August 1862

H. L. Lusk Lieut. Col. R. I.

In charge of the Audit and
Account Departments

To Colonel W. J. Birdwood R. E.
Chief Engineer
D. O. W.

Particulars

Remarks

Annual.

Charts of the beds of the rivers Godavery and Kistnah
Bauvery and Coleroon for some miles both above
and below the Anicuts by which they are crossed—

Will be
submitted

Half Yearly.

Return of Dismissals and Suspensions—

Submitted up to
31st March '62

Quarterly.

A Statement showing the Officers and Subordinates
in the Upper Godavery and the mode of their
employment—

A return was receiv-
ed & returned for
certain correction

A Nominal Roll of Registered Candidates for Assistant
Overseers—

Submitted.

A Report of Progress made on the Railway feeders
in the Madras Presidency—

Will be
submitted.

Monthly.

Return of Estimates for new Works and repairs sanction-
ed during the Month—

Submitted

Statement of payments made to the labourers who
proceeded to the Alguada Reef Light House—

Will be
submitted.

Report of expenditure Bills and List of works es-
timated at Rupees 20,000 or upwards—

Submitted

Statement showing how the Steamer on the Godavery
have been employed—

Submitted

Do do for the Upper Godavery—

Will be submitted

Central Office P.W.
Chopank 2d Sept^r
1862

[Signature]

Colonel R. E.

Chief Engineer D. P. W.

[Signature]

From
The Chief Engineer,
U. S. Navy,
Mr. George H. Cook,
U. S. Navy,
San Francisco,
Calif.
Sept 12,
1891.
Received
of the
U. S. Navy,
San Francisco,
Calif.
Sept 12,
1891.
Returned due from
the Central Office.

1849

1862-31 Dec 1862

List of orders of Govt
of more than three months
standing remaining unanswered
as on 31st Dec 1862 for the half
year ending 30th June
1862.

1862-31 Dec 1862
The Chief Engineer
of
The Supt. to Govt. S.M.
Dated 2nd Sept 1862
Recd 3rd Sept 1862

Proceedings of the Madras Government
Under date the 3rd ^{October} September 1862.

Read the following
List from the Chief Engineer

List of orders of Government
of more than three months
standing remaining unanswered
for the half-year ending 31st
March 1862 for the half year
ending 30th June 1862 -

Here enter 2 Sept 1862 N 2912

The above list
containing the orders of
Government of more than 3
months standing unanswered
by the Central Office refers to
the half-year ended 31st March
1862.

Southern Circle
31st December 1861 N 2163.
25th June 1862 N 1470.
7th August 1862 N 15.

To submit a plan for connecting
Belur with the Railway either by the
Canal or by a good road.

25th February 1862 N 304

To submit the estimate for the
improvement of the line between Srirangapatna
and Kelapollam in Coimbatore -

The orders noted
in the margin are omitted
from

Northern Circle.

20th April 1861 N 799.

To give detailed information regarding the exploration of the Upper Godavary.

from the List without any explanation. The Deputy Chief Engineers of the Northern and Southern Circles ^{see separate} will include them in their next lists.

3 On an examination of the List a number of orders of long standing are found to remain unanswered and the Government now proceed to record a few observations with reference thereto.

Sd/- Mr Chief Engineer

4th October 1861 N 1825.

I wait the further report 1: promised by the Chief Engineer as to the manner in which Mr Kennedy's services may be profitably utilized when submitting the report on the establishment required for the Residency Workshops and Store Department.

This should be reported in connection with the necessity for the erection of an Engineer's Store yard and Workshop referred for report in para 9 of Pro ~~Memorandum~~ ^{Order} N 1376 dated 17th June 1862.

30th October 1861 N 2007

To ascertain by Circular 5. what machinery now lies useless in the District.

It is nearly one year since this information was

was called for. The District Engineers should be instructed to report on the subject at an early date. ~~unavoidably~~ ^{unavoidably}

Southern Circle

17th January 1861 N 112
21st May " " " 9.

To instruct Mr Fraser to take the plans and surveys for the reservoir at Palavur on the Bhovani and to complete and submit them with carefully prepared Estimate as early as possible.

6- Permission is solicited for omitting these orders. The Government being unwilling to lose the result of Mr Fraser's labours desired the Chief Engineer to instruct that officer to take the plans with him from Coimbatore to Tanjore and to complete and submit them. The Deputy Chief Engineer in charge of the Central Office in his endorsement of 5th July 1861 N 2376 stated that the plan and estimate might be expected by the end of that month. This promise ^{however} has never been fulfilled. In asking permission to omit these

these orders the Deputy
Chief-Engineer of the Southern
Circle appears to have lost
sight of the Endorsement
and of Col. Horsley's letter dated 29th Sept 1857
above quoted. Col. Buchtelong
is ~~now~~ requested to state
what progress has been made
in the preparation of the plans
and if there is any likeli-
hood of the project, the invest-
igation of which has cost
much labor and money, ever
being laid before Govt -

5th November 1861 N 2048
Requests reconsideration of
the Nernjupatt Annual project.

In his letter of
11th November 1861 N 1770 the
late Chief-Engineer reported
with reference to the order of
5th November 1861 N 2048 that
the plans and Estimates
had been sent to the District
Engineer of Coimbatore and
that as soon as they were
returned they would be
submitted to Government.
~~Nothing further has since~~
~~been heard from the District~~

* 12th September 1857 N 1739.

6th November 1857 N 2077
23rd April 1860 — 834
16th Augt — 1744

In Col. Horsley's letter dated
29th November 1861 N 1777 it was
stated that this project ^{was} dependant
upon the result of Mr. Fraser's
investigation in connection with
the Palawan Reservoir, and in the
present list a remark is entered
to the effect that the subject is
under reference to the District
Engineers of Salem and Coimbatore.
Measures should ^{therefore} be adopted
for the submission of the report
at an early date.

8. ~~Advice~~ ~~is~~ ~~again~~
~~and the estimate for the District~~
~~proceeds~~ ~~is~~ ~~explained~~ —
~~is~~ ~~explained~~. The cause of delay
should be ~~explained~~ explained.
Explanation is also necessary
for the delay in the submis-
sion of the Plans and
Estimates for church
accommodation for the
Christian population at
Ootacamund referred to in
the orders marginally noted.

This

5th March 1858 N 390

Calls for a Plan and Estimate for a Central Jail at Cannanore. The Inspector of Jails reports that until funds are available nothing seems necessary in regard to the Central Prison at Cannanore.

9- This remark will be referred to the Judicial Department where it will be considered whether the order should remain or be removed from the List.

6th November 1858 N 2345

Requests to submit after the removal of existing restrictions - Estimates for constructing a Bridge over the Muttatur in the South Arcot Dist.

10- Under the present system the Government of India fix a certain limit within which works should be proposed for execution. As this practice removes all restrictions similar to that referred to in Government order N 2345 the Chief Engineer is requested to issue circular instructions to District Engineers

3rd December 1858 N 2600
30th September 1859 N 2341

Calling for a report from Mr. Fraser on the Velanthevalam Bridge in Coimbatore after the completion of the work.

Engineers that in the preparation of future Budgets care should be taken to select old projects which have been approved and sanctioned by Government in preference to new ones. This order is applicable only in cases in which the works are of equal importance at the present time where the rates allowed in the Estimates already sanctioned are considered sufficient for the completion of the works.

11- This entry is unnecessary. The whole subject connected with the Velanthevalam Bridge has been before Govt and the matter was finally disposed of in ^{Parliamentary} ~~Government~~ order N 1624 dated 10th July 1862.

The

The order calling for Revised Plans and Estimates ^{for the work} should appear in its proper place ~~as directed~~ ~~in the last list~~.

15th June 1859 N 1470.

Calling for ~~plans and estimates~~ of a plan and Estimate for a building which would answer the joint purpose of a general dispensary and Civil Hospital at Octacammund.

12. The Deputy Chief Engineer remark opposite to this order is the same as that entered in the last list. The nature of the correspondence between the District Engineer and the Deputy Chief Engineer ^{have} should be stated.

25th February 1860 N 401.

Calls for an Estimate of the cost of erecting an Office for the Electric Telegraph Department at Tuticorin.

13. It is upwards of 2 years since this order was issued and the Government ~~has not yet received the estimate~~ ~~that the Deputy Chief Engineer has not yet submitted the estimate~~.

21st October 1859 N 2502.

Calls for information regarding certain lines of road in Trichinopoly connected with the Railway.

14. The information called for in this order being important as connected with the Railway, ought to have been submitted long ago. The Deputy Chief Engineer is ~~now~~ requested to ~~forward~~ the report ~~as soon as possible~~.

9th March 1860 N 501

P. 7. Requests that a report be submitted at the close of one year from commencement of operations from both the District Engineer of Coimbatore and Captain Howell on the planting of trees in rows or clumps as suggested by Doctor Elphinstone.

15. It was promised in the last list of unanswered references that a separate report would be submitted. ~~It has not yet been received~~ ~~as the District Engineer has not yet submitted it~~. The officers concerned should be directed to at once to comply with the order.

21st October 1856 N 1932.

2nd January 1857 - 1042
17th January 1861 - 112
Directs that the Frasers Survey of one of the two sites for reservoirs for the storage of water in Coimbatore and an Estimate for a Drain and Subsidiary works be submitted.

15. As Mr Fraser is about to leave the service, it should now be ascertained ~~from~~ ^{by} what he has ~~done~~ ^{done} with reference to these orders.

5th October 1861 N 1843.

Directs to call upon Mr Fraser through the District Engineer of Tanjore to state how he proposes to make good the sums declared to be due by him.

17. Permission is solicited to remove this order from future lists. ~~As~~ ^{as} Mr Fraser has not answered the call made on him by the Central Office. The Chief Engineer will see that all outstanding balances against Mr Fraser are recovered before that gentleman quits the service of Government.

7th December 1861 N 2246.

Requests to report on paras 6, 14 & 15. Proceedings of the Board of Revenue on the subject of the Collector's report on Public Works in the Coimbatore District during the official year 1860/61.

18. The long explanation said to have been received from the District Engineer should be ~~paid before~~ ^{paid before} this have been ~~submitted~~ ^{submitted}. The Deputy Chief Eng. ~~will~~ ^{will} ~~be~~ ^{be} ~~requested~~ ^{requested} to submit the report ~~as soon as possible~~ ^{as soon as possible} it is submitted without delay. ^{Termis.}

6th November 1860 N^o 2280.

To call upon Mr. Fraser for any explanation which he may wish to offer why he did not take upon himself the duty of inspecting Mr. Baker's cash and accounts with the aid of his accountant and why he left the Gymnastah of Mr. Supervisor Martin's Office to do so; also why he took Rayappa Pillay Mr. Martin's Gymnastah from his proper work, and used him as his private Munshi.

24th Dec^r 1857 N^o 2393

Calls for plans and Estimates for a Mill and Baking at Jackhattalla.

Held in absence E.M.C. N^o 1736-26 Aug^r 1858. Authority is solicited to remove this from future lists.

19. Permission is granted for omitting this from future lists.

13th March 1861 N^o 508.

To furnish for submission to the Home Government photographic views of the works in the Godavery and Krishna.

19th March 1861 N^o 639.

To submit Plan and Estimate for a Salubrious ut. Attraction in the Nellore District.

17th June 1861 N^o 1116.

Calls for a report of the expeditions of the "May Flower" up to the Devulmury barrier.

10th September 1861 N^o 1684.

23rd October " " 1989

Requests that, after the expiration of 3 months Col. Horsley will submit, with his further views on the subject of a postal communication between Dummagudem and Ellore, a return showing the number of letters &c. distinguishing Official from private letters and papers.

31st December 1861 N^o 2459.

Communicating for the Chief Engineer's report a letter from Mr. Dykes regarding Tank Road N^o 6 in the Nellore Dist.

14th February 1862 N^o 208.

Enquires if the Medical Transport Officers' Quarters are at present repaired at Dowlaismam if so, to state the source from which funds to carry out the work are to be obtained.

20. This will be referred to the Military Department from which Department the call was originally made.

21. The Govt would wish to be informed as to what has been done subsequent to the sanction accorded in Govt Order N^o 738 dated 11th April 1862.

22. The cause of the delay in replying to these orders should be explained.

23. The Deputy Chief Engineer states that the necessity for these buildings is doubtful. This should form the subject of a separate letter.

30th August 1859 N^o 1157

Calls for an Estimate for the road from Nowpada salt pans to Patta Chikali.

24.

Permission is requested to omit this order from future lists, but the reason for its omission is not given. The order moreover does not appear to have issued from the Public Works Department.

4th April 1860 N^o 712.

To submit Estimate for a Bridge to connect the two parts of the town of Masulipatnam now to be separated by the canal.

25.

The Proceedings of Govt. This Bridge should be quoted by the Deputy Chief Engineer Northern Circle, when orders will be passed regarding its removal from future lists.

Central Circle

27th August 1859 N^o 2060.

30th July 1860 " 1618.

Calls for an Estimate for a Bridge to be hereafter built at Arest in connection with the road from Anner to Arest.

26.

The District Engineer should be called upon to prepare the Estimate which should be laid before Government by the Deputy Chief Engineer as ~~soon as~~ ^{as possible} ~~it is required~~ possible.

5th January 1860 N^o 30

Calls for certain information respecting the road from Trivelour to the Cortelour river at an early date to enable Govt. to sanction the Estimate.

27.

The plans and Estimates should be submitted in time to enable Government to sanction them for entry in the next Budget.

26th November 1857 N^o 2181.

17th July 1858 " 1389.

Calls for plans and Estimates for the construction of a Cavalier Tower in the Barachis at Bangalore.

28.

The Deputy Chief Engineer should have referred to his letter N^o 38 dated 20th August 1862 now before Government.

This

Requests that the effect of the remedy to be applied for the evils resulting from the existence of Dam Stones in Calingulais in North Arcot may be reported.

Calls for a Survey and Estimate
of roads from the Gusty Station house to the
best point on the North West Railway.

Bills for plans and Estimates for
Barrack accommodation required at the
Mount on the removal of Depôts of
European Troops from Agra and Poona to
that Cantonment -

Requests to submit an Estimate of the probable cost of completely eradicating the Presby^{rian} near at Palawan -

29. This report should have
been submitted to Government long
^{ago} before having been delayed
and neglected.

30. ^{are} As these roads ~~are~~ ^{are} ~~connected~~ ^{connected} with the North West ~~is~~ ^{is} Railway now in progress the Estimates should be submitted to Government without delay.

31- The plans and Estimates reported to be under preparation in the Central Office should be submitted at an early date. The Govt observe that a temporary Establishment was sanctioned for this work under date the 13th August 1861 N^o 1545.

32. As it is very
necessary that the Privately
hear should be eradicated —
~~before it is ever widely spread~~
the Estimate should be
submitted at an early
date —

Permission

10th November 1881.
Balls for information as to the transfer
of the lantern intended for the Coompla light-
house to Buddri-

29th October 1861 A 2602
Requests to submit Plan and Estimate
for works connected with the Sedro-Argus Harbour

8th November 1861. P. 2. Captain Walker to report without delay on the improvements effected by the Bombay Government to the road from Iddagunje eastward to Hoobly under the arrangement consented to in Government order 27th March last N^o 630.

7th December 1861. Awaits the report promised regarding
Sultan's House's new towers of the Lower part of the
Sizza Ghant and from its foot to Mullipoor.

31st December 1881 N 2402
Requests to call upon Captain
Walker to state what progress has been made
on the Nygga Island Road and to submit the report
as soon as possible -

33. Permission is granted for omitting these orders from future lists in consequence of the transfer of North Canara to the Bombay Presidency.

Audit Department

17th Sept. 2240
Para 2. Calls for a careful statement showing under distinct heads the entire cost of Insurance canal from the time it came into the possession of Government to the close of the past official year.

23^d November 1860 A. 1860

To report in communication with
the Civil Auditor on the claim advanced by
Lieut. Tyrell stating on what duty he
was kept at the Presidency; the circum-
stances which rendered it necessary
that he should send for his tools to
Mushog, and the year for which the
claim is advanced -

24- It is now more than
3 years since this information was
called for and it should therefore be
supplied at once-

54d 25

25. These ~~various~~ ^{subject} ~~and~~ ^{questions} should be ~~carefully~~ ^{openly} ~~disposed of~~ ^{disposed of}.

Periodical

Periodical Returns.

Two statements showing the higher grades of Unconquainted Servants one European and East-Indian and the other Native as they stood on the 1st May 1862.

~~Copy of Periodical Returns~~

36. More than one reminder was sent to the Central Office calling for these Returns. It is hoped that there will be no further delay in submitting them.

37. ~~It is to be regretted that the returns for the year 1861 have not been submitted.~~

38. Throughout the list the Government observe the entry of the same general remark. "In correspondence with the Dist Engrs." This is very indefinite. The date of the last correspondence should be quoted as done by the Board of Revenue.

39. The present list is submitted earlier than the last but still there ^{is} a delay of 3 months which should hereafter be avoided.

[Signature]

7 Copies.

To the Chief Engineer Dist ¹

2 Dy Chief Engrs. A. C. ✓

3 " " S. C. ✓

3 " " C. C. ✓

4 Officer in Charge of the Audit and Accts Dept^s of the Central Office ✓

7 Military Department ✓

11 Judicial Department ✓

Orders upon the
List of unanswered
references.

Public Works 1862 Dep^{ty}
Pro: of Govt for October

N^o 2370
Pro: of the General Govt
Dep^{ty} 3 October 1862

Trans of the S. B. of
the Dec 12 1862 in Pro