

(1) Number of pages 16
(2) Date of repair 18-10-38
(3) Initials of the Referencer eg

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT

G.O. No.	Pres. Mat.
Dated	to

Not to be folded or roughly handled

28/10/38

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

No. 161. Proceedings of the Madras Government, dated 30th January 1860, No. 236.

Paragraph 1. Ordered that the letter from the Right Honorable the Secretary of State in the Public Works Department dated 24th November 1859 No. 36 be forwarded to the Chief Engineer, and that his attention be specially drawn to the observations communicated in paragraphs 2 and 7.

To HIS EXCELLENCY THE HONORABLE THE GOVERNOR IN COUNCIL, FORT SAINT GEORGE.

INDIA OFFICE,

London, 24th November 1859.

No. 36.

Paragraph 1. Your letters dated in the months of April, May, June, and July last, having been under my consideration in Council, such of them as have not been already answered will now be replied to.

Letter dated 11th April (No. 6) 1859.

Relative to the Ballari and } 2. The prosecution of these works has been properly suspended
Coondair road, and to the } for the present, their importance not being considered such as to justify
bridging of the Pennar. } their being exempted from the restrictive orders of July 1857. Before
operations are resumed, it may be well to enquire further into the relative advantages and disadvantages of the two lines proposed for the section of road between Iddapenkub and Permadaventhully, one of which would run through black cotton soil, where road making would be very expensive, while the other, though traversing red soil, and consequently, likely to be constructed much more cheaply, would be liable to be covered, in stormy weather, by sand drifts from the bed of the Haggri.

Letter dated 17th May (No. 11) 1859.

Alterations in the rules and } 3. The alterations alluded to, are the following. That the office
practice relative to Execu- } establishments of Executive officers shall be regarded as permanently
tive officers and their office } attached to their respective executive ranges, instead of accompanying
establishments, and to the } the Executive officer on his transfer to another district. That office
appointment, promotion } establishments shall be assigned to every class of executive ranges, fixed
and punishment of mem- } with reference to the importance of the office, and not to the rank of the
bers of the subordinate } officer in charge. That in filling up acting appointments, the principle
branches of the Public } observed in the Revenue and Judicial departments shall be followed,
Works Department. } viz. that of nominating the officer who may have the best claims to advancement, due regard being had to the public interests; and, that the power of posting Executive officers, and of transferring them from district to district, be withdrawn from the Chief Engineer, but that, on the other hand, the power of appointing, promoting and dismissing, or otherwise punishing, subordinate officers of the department below the rank of Sub-Engineers, be exercised, sometimes by the Chief Engineer, sometimes by District Engineers, and sometimes by both conjointly.

4. All these changes appear eminently judicious. The additional powers vested in the District Engineers are certainly, as you have not failed to perceive, susceptible of abuse, but the balance of advantages is, I am persuaded, on the side of the new arrangement.

5. I may here intimate my concurrence in the opinion expressed in the orders of your Government of the 8th February last, where, after observing that officers of the Public Works Department have been accustomed to regard it as a grievance, if a junior officer is in a better position than themselves, any where and in any branch of the department, and concessions to this feeling have led to numerous transfers, you add: "The Public Works Department is a civil department, and it is necessary that all its members should understand that their supposed claims in virtue of mere seniority, must give way, as in other departments, to the good of the public service."

Letter dated 19th May (No. 12) 1859.

Proposed arrangements for } 6. The papers transmitted with the letter under reply, shew con-
the reception, custody and } clusively that the arrangements for these purposes hitherto in force, are
issue of stores, and ma- } exceedingly objectionable, and that a radical change of system is im-
chinery belonging to the } peratively called for. No opinion, however, need here be offered upon
Public Works Department. } the details of the particular change proposed by you. The Government
of India, to whom you have applied for immediate sanction to some of the measures comprised in

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

your plan will be the better able to judge of the expediency of your recommendation, from having themselves had occasion recently to give a good deal of consideration to questions connected with the landing and custody of stores at Calcutta.

Letter dated 20th May (No. 13) 1859.

Report and statement showing the operations of the Department Public Works for the official year 1857-58. 7. The information afforded by these papers is valuable and interesting, but would have been more useful if it had arrived earlier. It is not until the middle of 1859 that a report is obtained of the operations of the Department of Public Works in your Presidency for the year 1857-58, and during the interval, this office has been kept in almost complete ignorance on the subject. A good deal of time is no doubt required to combine, arrange and condense the reports of the several District Engineers; but it is very desirable that the great delay which has taken place in this instance, should, if possible, be avoided in future.

Letter dated 6th June (No. 15) 1859.

Condition of the Public Works Department in North Arcot. 8. This subject is disposed of with so much judgment and discrimination in the Proceedings of your Government, recorded on the 5th April last, that it is needless here to say more than to express a confident hope, that a rigid enforcement of the orders passed by you will suffice to correct some of the most glaring defects of a vicious system, which, though its evils may have been more observable in North Arcot than elsewhere, has existed to a greater or less extent in most other districts.

Letter dated 7th June (No. 16) 1859.

Retention by Mr. G. Taylor, C. Es., of the records of the Goringa Survey, which had been lent to him at his request, to enable him to make copies of them for his own use. 9. Mr. Taylor, it appears, after obtaining possession of his field books and surveys on false pretences, declares his intention to retain them, as evidence of a pecuniary claim against Government, the groundlessness of which may be inferred from the tone of his previous correspondence. Such behaviour on his part needs no comment, and it is not very satisfactory to find him, after receiving pay for more than two years, terminate his connection with Government by carrying off the only tangible results of his services.

10. I should have supposed that there would have been no difficulty in obtaining from him, by legal proceedings, documents for which he has not only given a written receipt, but which he has pledged himself in writing to restore. If, however, there be any doubt on the subject, you have judged wisely in declining to resort to legal measures, more especially as, according to your Chief Engineer, Mr. Taylor's survey, "though made with extreme and elaborate care, is very incomplete, and wanting in the details which would make it useful."

Letter dated 7th June (No. 17) 1859.

Forwarding papers on the improvements to the Port of Fuddri. 11. The explanation here afforded shews that no blame can be attached to any department of Government for past delay in providing the buoys, required at Fuddri, to facilitate entrance into the port.

Letter dated 7th June (No. 18) 1859.

Reporting the circumstances connected with the disbursement of Lieutenant Haig's pay both in India and in England. 12. Care will be taken to prevent a recurrence of the inadvertence here referred to.

Letter dated 8th June (No. 20) 1859; and

" 21st " (" 24) "

Gauge of the lines of railway to be laid down on the Madras Pier. 13. It is satisfactory to find that the advantages of the change ordered by Lord Stanley, are very generally recognized at Madras.

Letter dated 11th June (No. 21) 1859.

Steps taken for the preparation of a Code of Rules for the Government of the Public Works Department. 14. The measures adopted for this purpose are approved.

Letter dated 21st June (No. 23) 1859.

Proposed trial of the river Godavari for the transport of Military stores to Nagpur. 15. It appears that, in pursuance of an intention formed sometime previously, and which has lately received the approval of Her Majesty's Government, you had made every preparation for the despatch from Kakinada to Nagpur, during the past wet season, of 333 tons of shot and shell, which were to be conveyed more than half the distance by water. The sum of Ru-

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

pees 12,000 was placed at the disposal of Captain Rundall, to enable him to remove from the river channel isolated rocks, or other minor obstacles to navigation, and to procure the requisite boats and stores; and a private contractor, Mr. Robert Watson of Chanda, was found willing to undertake, at five annas per ton per mile, the transport of the shot and shell from Mahadeopore, or any other place on the Godavari, at which they might be landed, to their ultimate destination.

16. It is much to be regretted, that these judicious arrangements were temporarily frustrated by the inability of the Marine Department to convey the shot and shell sufficiently early to Kakinada, and that apparently, therefore, an important and interesting experiment must be deferred until next summer. By that time, however, your preparation may be still more complete. The Enclampilly barrier may have been made passable for vessels of moderate size, by means of temporary locks, similar to those which appear to have answered so well at Sintrai, and vessels better adapted to the special service in view may have been provided. I may here mention that Captain Haig has been authorized to procure, and to be dispatched to Captain Rundall, two small boilers for steamers which the latter officer is understood to be building for the Godavari. With these aids and appliances it may reasonably be hoped that every obstacle to the navigation of a considerable portion of the river, will be successfully overcome; since you mention that last spring, when the water was at its lowest, Captain Young was able to take a steamer up the stream to a distance of 143 miles from the sea.

Letter dated 21st June (No. 24) 1859.

17. See paragraph 13 of this despatch.

Letter dated 25th June (No. 25) 1859.

Submitting Chief Engineer's opinion regarding the height of the Madras Pier above high water mark. 18. It is satisfactory to find an Engineer of Colonel Bell's local knowledge and experience, of opinion that the height of the Pier, as prescribed in the contract, will be sufficient to secure the structure against injury from the rise of the waves during a storm or hurricane.

Letter dated 7th July (No. 27) 1859.

Forwarding an indent for tools in use in the Daulatwarum workshops. 19. This indent will be complied with.

Letter dated 22nd July (No. 29) 1859.

Proposal of the Government of India to constitute one uniform system of Accounts and Audit for the Public Works Department throughout India. 20. Your objections to abandon the system of Accounts and Audit already in force in the Madras territories, which is stated to be "carefully devised, well suited to its purpose, and adapted to local peculiarities," appear to me just, and your representations on the subject will no doubt have met with merited attention from the Government of India.

(Signed) C. WOOD.

2. The Chief Engineer will likewise direct the attention of the Engineer of the Godavari district to the remarks in paragraphs 15 and 16 respecting the arrangements for the transport of stores by the Godavari and the improvement of that river.

3. Paragraph 12 will be communicated to the Civil Auditor with reference to the representation in his letter dated 30th May 1859 No. 269.

(True Extract and Copy.)

(Signed) T. PYCROFT,

Chief Secretary.

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

No. 161. Proceedings of the Madras Government, dated 30th January 1860, No. 236.

Paragraph 1. Ordered that the letter from the Right Honorable the Secretary of State in the Public Works Department dated 24th November 1859 No. 36 be forwarded to the Chief Engineer, and that his attention be specially drawn to the observations communicated in paragraphs 2 and 7.

To His EXCELLENCY THE HONORABLE THE GOVERNOR IN COUNCIL, FORT SAINT GEORGE.

INDIA OFFICE,

London, 24th November 1859.

No. 36.

Paragraph 1. Your letters dated in the months of April, May, June, and July last, having been under my consideration in Council, such of them as have not been already answered will now be replied to.

Letter dated 11th April (No. 6) 1859.

Relative to the Ballair and Cochrane road, and to the bridging of the Pennar. } 2. The prosecution of these works has been properly suspended for the present, their importance not being considered such as to justify their being exempted from the restrictive orders of July 1857. Before operations are resumed, it may be well to enquire further into the relative advantages and disadvantages of the two lines proposed for the section of road between Iddapenkub and Permadavenhully, one of which would run through black cotton soil, where road making would be very expensive, while the other, though traversing red soil, and consequently, likely to be constructed much more cheaply, would be liable to be covered, in stormy weather, by sand drifts from the bed of the Naggi.

Letter dated 17th May (No. 11) 1859.

Alterations in the rules and practice relative to Executive officers and their offices, establishments, and to the appointment, promotion and punishment of members of the subordinate branches of the Public Works Department. } 3. The alterations alluded to, are the following. That the office establishments of Executive officers shall be regarded as permanently attached to their respective executive ranges, instead of accompanying the Executive officer on his transfer to another district. That offices shall be assigned to every class of executive ranges, fixed with reference to the importance of the office, and not to the rank of the officer in charge. That in filling up acting appointments, the principle observed in the Revenue and Judicial departments shall be followed, viz. that of nominating the officer who may have the best claims to advancement, due regard being had to the public interests; and, that the power of posting Executive officers, and of transferring them from district to district, be withdrawn from the Chief Engineer, but that, on the other hand, the power of appointing, promoting and dismissing, or otherwise punishing, subordinate officers of the department below the rank of Sub-Engineers, be exercised, sometimes by the Chief Engineer, sometimes by District Engineers, and sometimes by both conjointly.

4. All these changes appear eminently judicious. The additional powers vested in the District Engineers are certainly, as you have not failed to perceive, susceptible of abuse; but the balance of advantages is, I am persuaded, on the side of the new arrangement.

5. I may here intimate my concurrence in the opinion expressed in the orders of your Government of the 8th February last, where, after observing that officers of the Public Works Department have been accustomed to regard it as a grievance, if a junior officer is in a better position than themselves, any where and in any branch of the department, and concessions to this feeling have led to numerous transfers, you add: "The Public Works Department is a civil department, and it is necessary that all its members should understand that their supposed claims in virtue of mere seniority, must give way, as in other departments, to the good of the public service."

Letter dated 19th May (No. 12) 1859.

Proposed arrangements for the reception, custody and issue of stores and machinery belonging to the Public Works Department. } 6. The papers transmitted with the letter under reply, shew conclusively that the arrangements for these purposes hitherto in force, are exceedingly objectionable, and that a radical change of system is imperatively called for. No opinion, however, need here be offered upon the details of the particular change proposed by you. The Government of India, to whom you have applied for immediate sanction to some of the measures comprised in

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

your plan will be the better able to judge of the expediency of your recommendation, from having themselves had occasion recently to give a good deal of consideration to questions connected with the landing and custody of stores at Calcutta.

Letter dated 20th May (No. 13) 1859.

Report and statement showing the operations of the Department Public Works for the official year 1857-58. 7. The information afforded by these papers is valuable and interesting, but would have been more useful if it had arrived earlier. It is not until the middle of 1859 that a report is obtained of the operations of the Department of Public Works in your Presidency for the year 1857-58, and during the interval, this office has been kept in almost complete ignorance on the subject. A good deal of time is no doubt required to combine, arrange and condense the reports of the several District Engineers; but it is very desirable that the great delay which has taken place in this instance, should, if possible, be avoided in future.

Letter dated 6th June (No. 15) 1859.

Condition of the Public Works Department in North Arcot. 8. This subject is disposed of with so much judgment and discrimination in the Proceedings of your Government, recorded on the 5th April last, that it is needless here to say more than to express a confident hope, that a rigid enforcement of the orders passed by you will suffice to correct some of the most glaring defects of a vicious system, which, though its evils may have been more observable in North Arcot than elsewhere, has existed to a greater or less extent in most other districts.

Letter dated 7th June (No. 16) 1859.

Retention by Mr. G. Taylor, C. E., of the records of the Coringa Survey, which had been lent to him at his request, to enable him to make copies of them for his own use. 9. Mr. Taylor, it appears, after obtaining possession of his field books and surveys on false pretences, declares his intention to retain them, as evidence of a pecuniary claim against Government, the groundlessness of which may be inferred from the tone of his previous correspondence. Such behaviour on his part needs no comment, and it is not very satisfactory to find him, after receiving pay for more than two years, terminate his connection with Government by carrying off the only tangible results of his services.

10. I should have supposed that there would have been no difficulty in obtaining from him, by legal proceedings, documents for which he has not only given a written receipt, but which he has pledged himself in writing to restore. If, however, there be any doubt on the subject, you have judged wisely in declining to resort to legal measures, more especially as, according to your Chief Engineer, Mr. Taylor's survey, "though made with extreme and elaborate care, is very incomplete, and wanting in the details which would make it useful."

Letter dated 7th June (No. 17) 1859.

Forwarding papers on the improvements to the Port of Tuddri. 11. The explanation here afforded shews that no blame can be attached to any department of Government for past delay in providing the buoys, required at Tuddri, to facilitate entrance into the port.

Letter dated 7th June (No. 18) 1859.

Reporting the circumstances connected with the disbursement of Lieutenant Haig's pay both in India and in England. 12. Care will be taken to prevent a recurrence of the inadvertance here referred to.

Letter dated 8th June (No. 20) 1859; and

" 21st " (" 24) "

Gauge of the line of railway to be laid down on the Madras Pier. 13. It is satisfactory to find that the advantages of the change ordered by Lord Stanley, are very generally recognized at Madras.

Letter dated 11th June (No. 21) 1859.

Steps taken for the preparation of a Code of Rules for the Government of the Public Works Department. 14. The measures adopted for this purpose are approved.

Letter dated 21st June (No. 23) 1859.

Proposed trial of the river Godavari for the transport of Military stores to Nagpur. 15. It appears that, in pursuance of an intention formed sometime previously, and which has lately received the approval of Her Majesty's Government, you had made every preparation for the despatch from Kakinada to Nagpur, during the past wet season, of 333 tons of shot and shell, which were to be conveyed more than half the distance by water. The sum of Ru-

*Proceedings of the Madras Government, Public Works Department,
for the month of January 1860.*

pees 12,000 was placed at the disposal of Captain Randall, to enable him to remove from the river channel isolated rocks, or other minor obstacles to navigation, and to procure the requisite boats and stores; and a private contractor, Mr. Robert Watson of Chanda, was found willing to undertake, at five annas per ton per mile, the transport of the shot and shell from Mahadeopore, or any other place on the Godavari, at which they might be landed, to their ultimate destination.

16. It is much to be regretted, that these judicious arrangements were temporarily frustrated by the inability of the Marine Department to convey the shot and shell sufficiently early to Kakinada, and that apparently, therefore, an important and interesting experiment must be deferred until next summer. By that time, however, your preparation may be still more complete. The Enchampilly barrier may have been made passable for vessels of moderate size, by means of temporary locks, similar to those which appear to have answered so well at Sinfra, and vessels better adapted to the special service in view may have been provided. I may here mention that Captain Haig has been authorized to procure, and to be dispatched to Captain Randall, two small boilers for steamers which the latter officer is understood to be building for the Godavari. With these aids and appliances it may reasonably be hoped that every obstacle to the navigation of a considerable portion of the river, will be successfully overcome; since you mention that last spring, when the water was at its lowest, Captain Young was able to take a steamer up the stream to a distance of 143 miles from the sea.

Letter dated 21st June (No. 24) 1859.

17. See paragraph 13 of this despatch.

Letter dated 25th June (No. 25) 1859.

Submitting Chief Engineer's opinion regarding the height of the Madras Pier above high water mark. 18. It is satisfactory to find an Engineer of Colonel Bell's local knowledge and experience, of opinion that the height of the Pier, as prescribed in the contract, will be sufficient to secure the structure against injury from the rise of the waves during a storm or hurricane.

Letter dated 7th July (No. 27) 1859.

Forwarding an Indent for tools in use in the Dauliswaram workshops. 19. This Indent will be complied with.

Letter dated 22nd July (No. 29) 1859.

Proposal of the Government of India to constitute one uniform system of Accounts and Audit for the Public Works Department throughout India. 20. Your objections to abandon the system of Accounts and Audit already in force in the Madras territories, which is stated to be "carefully devised, well suited to its purpose, and adapted to local peculiarities," appear to me just, and your representations on the subject will no doubt have met with merited attention from the Government of India.

(Signed) C. WOOD.

2. The Chief Engineer will likewise direct the attention of the Engineer of the Godavari district to the remarks in paragraphs 15 and 16 respecting the arrangements for the transport of stores by the Godavari and the improvement of that river.

3. Paragraph 12 will be communicated to the Civil Auditor with reference to the representation in his letter dated 30th May 1859 No. 260.

(True-Extract and Copy.)

(Signed) T. PYCROFT,

Chief Secretary.

Fortuit Accident

J. P. 2

C 12/161

From the Chief Engineer
to the Secretary to the Government

Home Department
24th Nov 59 for an enclosure
- please subject, communication
- dated to Chief Engineer

Ch. of the Madras Govt
Dated 30th January 1860

Ch. of the Madras Govt
Dated 30th January 1860

PUBLIC WORKS DEPARTMENT.
Public.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Dated 30th January 1860, No. 236.

Paragraph 1. Ordered that the letter from the Right Honorable the Secretary of State
On Miscellaneous subjects. in the Public Works Department dated 24th November 1859
No. 36 be forwarded to the Chief Engineer, and that his atten-
tion be specially drawn to the observations communicated in paragraphs 2 and 7.

To HIS EXCELLENCY THE HONORABLE THE GOVERNOR IN COUNCIL, FORT SAINT GEORGE.

INDIA OFFICE,
London, 24th November 1859.

No. 36.

Paragraph 1. Your letters dated in the months of April, May, June, and July last, having
been under my consideration in Council, such of them as have not been already answered will
now be replied to.

Letter dated 11th April (No. 6) 1859.

Relative to the Ballast and } 2. The prosecution of these works has been properly suspended
Coolair road, and to the } for the present, their importance not being considered such as to justify
bridging of the Pennar. } their being exempted from the restrictive orders of July 1857. Before
operations are resumed, it may be well to enquire further into the relative advantages and
disadvantages of the two lines proposed for the section of road between Iddapenkab and Per-
madavenhully, one of which would run through black cotton soil, where road making would be
very expensive, while the other, though traversing red soil, and consequently, likely to be con-
structed much more cheaply, would be liable to be covered, in stormy weather, by sand drifts
from the bed of the Haggri.

Letter dated 17th May (No. 11) 1859.

Alterations in the rules and } 3. The alterations alluded to, are the following. That the office
practice relative to Execu- } establishments of Executive officers shall be regarded as permanently
tive officers and their office } attached to their respective executive ranges, instead of accompanying
establishments, and to the } the Executive officer on his transfer to another district. That office
appointment, promotion } establishments shall be assigned to every class of executive ranges, fixed
and punishment of mem- } with reference to the importance of the office, and not to the rank of the
bers of the subordinate } officer in charge. That in filling up acting appointments, the principle
branches of the Public } observed in the Revenue and Judicial departments shall be followed,
Works Department. } viz. that of nominating the officer who may have the best claims to advancement, due regard
being had to the public interests; and, that the power of posting Executive officers, and of trans-
ferring them from district to district, be withdrawn from the Chief Engineer, but that, on the
other hand, the power of appointing, promoting and dismissing, or otherwise punishing, subor-
dinate officers of the department below the rank of Sub-Engineers, be exercised, sometimes by
the Chief Engineer, sometimes by District Engineers, and sometimes by both conjointly.

4. All these changes appear eminently judicious. The additional powers vested in the
District Engineers are certainly, as you have not failed to perceive, susceptible of abuse, but
the balance of advantages is, I am persuaded, on the side of the new arrangement.

5. I may here intimate my concurrence in the opinion expressed in the orders of your
Government of the 8th February last, where, after observing that officers of the Public Works
Department have been accustomed to regard it as a grievance, if a junior officer is in a better
position than themselves, any where and in any branch of the department, and concessions to
this feeling have led to numerous transfers, you add: "The Public Works Department is a
civil department, and it is necessary that all its members should understand that their sup-
posed claims in virtue of mere seniority, must give way, as in other departments, to the good
of the public service."

Letter dated 19th May (No. 12) 1859.

Proposed arrangements for } 6. The papers transmitted with the letter under reply, shew con-
the reception, custody and } clusively that the arrangements for these purposes hitherto in force, are
issue of stores and ma- } exceedingly objectionable, and that a radical change of system is in-
chinery belonging to the } peratively called for. No opinion, however, need here be offered upon
Public Works Department. } the details of the particular change proposed by you. The Government
of India, to whom you have applied for immediate sanction to some of the measures comprised in

your plan will be the better able to judge of the expediency of your recommendation. From having themselves had occasion recently to give a good deal of consideration to questions connected with the landing and custody of stores at Calcutta.

Letter dated 20th May (No. 13) 1859.

Report and statement showing the operations of the Department Public Works for the official year 1857-58.

7. The information afforded by these papers is valuable and interesting, but would have been more useful if it had arrived earlier. It is not until the middle of 1859 that a report is obtained of the operations of the Department of Public Works in your Presidency for the year 1857-58; and during the interval, this office has been kept in almost complete ignorance on the subject. A good deal of time is no doubt required to combine, arrange and condense the reports of the several District Engineers; but it is very desirable that the great delay which has taken place in this instance, should, if possible, be avoided in future.

Letter dated 6th June (No. 15) 1859.

Condition of the Public Works Department in North Arcot.

8. This subject is disposed of with so much judgment and discrimination in the Proceedings of your Government, recorded on the 5th April last, that it is needless here to say more than to express a confident hope, that a rigid enforcement of the orders passed by you will suffice to correct some of the most glaring defects of a vicious system, which, though its evils may have been more observable in North Arcot than elsewhere, has existed to a greater or less extent in most other districts.

Letter dated 7th June (No. 16) 1859.

Retention by Mr. G. Taylor, C. E., of the records of the Coringa Survey, which had been lent to him at his request, to enable him to make copies of them for his own use.

9. Mr. Taylor, it appears, after obtaining possession of his field books and surveys on false pretences, declares his intention to retain them, as evidence of a pecuniary claim against Government, the groundlessness of which may be inferred from the tone of his previous correspondence. Such behaviour on his part needs no comment, and it is not very satisfactory to find him, after receiving pay for more than two years, terminate his connection with Government by carrying off the only tangible results of his services.

10. I should have supposed that there would have been no difficulty in obtaining from him, by legal proceedings, documents for which he has not only given a written receipt, but which he has pledged himself in writing to restore. If, however, there be any doubt on the subject, you have judged wisely in declining to resort to legal measures, more especially as, according to your Chief Engineer, Mr. Taylor's survey, "though made with extreme and elaborate care, is very incomplete, and wanting in the details which would make it useful."

Letter dated 7th June (No. 17) 1859.

Forwarding papers on the improvements to the Port of Tuddri.

11. The explanation here afforded shows that no blame can be attached to any department of Government for past delay in providing the buoys, required at Tuddri, to facilitate entrance into the port.

Letter dated 7th June (No. 18) 1859.

Reporting the circumstances connected with the disbursement of Lieutenant Haig's pay both in India and in England.

12. Care will be taken to prevent a recurrence of the inadvertence here referred to.

Letter dated 8th June (No. 20) 1859; and

" 21st " (No. 21) "

Gauge of the lines of railway to be laid down on the Madras Pier.

13. It is satisfactory to find that the advantages of the change ordered by Lord Stanley, are very generally recognized at Madras.

Letter dated 11th June (No. 21) 1859.

Steps taken for the preparation of a Code of Rules for the Government of the Public Works Department.

14. The measures adopted for this purpose are approved.

Letter dated 21st June (No. 23) 1859.

Proposed trial of the river Godavari for the transport of Military stores to Nagpur.

15. It appears that, in pursuance of an intention formed sometime previously, and which has lately received the approval of Her Majesty's Government, you had made every preparation for the despatch from Kakinada to Nagpur, during the past wet season, of 333 tons of shot and shell, which were to be conveyed more than half the distance by water. The sum of Ru-

pees 12,000 was placed at the disposal of Captain Rundall, to enable him to remove from the river channel isolated rocks, or other minor obstacles to navigation, and to procure the requisite boats and stores; and a private contractor, Mr. Robert Watson of Chanda, was found willing to undertake, at five annas per ton per mile, the transport of the shot and shell from Mahadeopore, or any other place on the Godavari, at which they might be landed, to their ultimate destination.

16. It is much to be regretted, that these judicious arrangements were temporarily frustrated by the inability of the Marine Department to convey the shot and shell sufficiently early to Kakinada, and that apparently, therefore, an important and interesting experiment must be deferred until next summer. By that time, however, your preparation may be still more complete. The Enchampilly barrier may have been made passable for vessels of moderate size, by means of temporary locks, similar to those which appear to have answered so well at Sintul, and vessels better adapted to this special service in view may have been provided. I may here mention that Captain Haig has been authorized to procure, and to dispatch to Captain Rundall, two small boilers for steamers which the latter officer is understood to be building for the Godavari. With these aids and appliances it may reasonably be hoped that every obstacle to the navigation of a considerable portion of the river, will be successfully overcome; since you mention that last spring, when the water was at its lowest, Captain Young was able to take a steamer up the stream to a distance of 143 miles from the sea.

Letter dated 21st June (No. 24) 1859.

17. See paragraph 13 of this despatch.

Letter dated 25th June (No. 25) 1859.

Estimating Chief Engineer's opinion regarding the height of the Madras Pier above high water mark.

18. It is satisfactory to find an Engineer of Colonel Bell's local knowledge and experience, of opinion that the height of the Pier, as prescribed in the contract, will be sufficient to secure the structure against injury from the rise of the waves during a storm or hurricane.

Letter dated 7th July (No. 27) 1859.

Forwarding an Indent for tools in use in the Daulwarum workshops.

19. This Indent will be complied with.

Letter dated 22nd July (No. 29) 1859.

Proposal of the Government of India to constitute one uniform system of Accounts and Audit for the Public Works Department throughout India.

20. Your objections to abandon the system of Accounts and Audit already in force in the Madras territories, which is stated to be "carefully devised, well suited to its purpose, and adapted to local peculiarities," appear to me just, and your representations on the subject will no doubt have met with merited attention from the Government of India.

(Signed) C. WOOD.

2. The Chief Engineer will likewise direct the attention of the Engineer of the Godavari district to the remarks in paragraphs 15 and 16 respecting the arrangements for the transport of stores by the Godavari and the improvement of that river.

3. Paragraph 12 will be communicated to the Civil Auditor with reference to the representation in his letter dated 30th May 1859 No. 269.

(True Extract and Copy.)

(Signed) T. PYCROFT,

Chief Secretary.

To the Chief Engineer.

" Civil Auditor.

Exd. Wm. Thomas.

No 236.
 Proceedings of the Madras Government
 Under date the 30th January 1860.

On Miscellaneous Subjects.

Ordered that the letter from the Right Honorable the Secretary of State in the Public Works Department dated 24th Novr 1859 N^o 36 be forwarded to the Chief Engineer, and that his attention be specially drawn to the observations communicated in paras 2 and 7.

2 The Chief Engineer will likewise direct the attention of the Engineer of the Godavery District to the remarks in paras 15 and 16 respecting the arrangements for the transport of stores by the Godavery and the improvement of that river.

3. Para 12 will be communicated to the Civil Auditor with reference to the representation in his letter dated 30th May 1859 N^o 269.

J.P.

10 Copies to the Chief Engineer P.H.D. 31-
 J. A. C. C.

Quine North 1860 & 1861
Quine North 1861 & 1862

1862 236.

Quine North 1860 & 1861

1861 30 January 1860.

Quine North 1860 & 1861
Quine North 1861 & 1862

Quine North 1860 & 1861
Quine North 1861 & 1862

Quine North 1860 & 1861

Quine North 1860 & 1861
Quine North 1861 & 1862

No. 161.