

(1) Number of pages 24

(2) Date of repair 9. 4. 43

(3) Initials of the Referecer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1753.

Press
Mis.

Dated 12 - 6 1867.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
12th June 1867.*

No. 248. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Department Public Works, dated Madras, 31st May 1867, No. 17 :—

2 Letters in original from Agent.

2 Plans.

1 Estimate.

1 Copy of a letter to Agent, No. 40, dated 13th May 1867.

* 1 Plan of Bungalow.

1 Estimate.

1 Land Plan.

1. I have the honour to submit, for the consideration of Government, a letter, No. 174 of the 18th instant, from the Chief Engineer Madras Irrigation and Canal Company, with its enclosures,* which was received with the Agent's endorsement No. 87 of the 28th instant.

2. In this correspondence sanction is asked for the erection of a bungalow, at a cost of Rupees 1,880, at Adannapully, to provide accommodation for the Engineer who has been appointed to the 10th Section, Main Canal.

3. The 10th Section of the canal, including the anicut across the Pennair at its head, has not yet been sanctioned, as, when submitted on a former occasion, the

Proceedings Madras Government, No. 889, 31st March, and No. 1,173, 25th April 1864.

Government were unwilling to allow of the commencement of works south of the Pennair, until the feasibility of construct-

ing the whole length of canal, some fifty or sixty miles, from Adannapully to Somaishwaram, had been demonstrated, and the whole probable cost ascertained. However the portion, ten miles, between Adannapully and Cuddapah, and forming the 10th Section, forms part of the work which the Company have, by the Supplementary Agreement entered into with the Secretary of State on the 2nd October last, undertaken to complete by the 1st July 1871, and the estimate formerly submitted is now undergoing revision, and will probably shortly be transmitted for sanction. It is of importance that some accommodation should be provided for the Engineer and his Office Establishment, and I think the immediate accordance of permission to construct a bungalow will facilitate the commencement of work when the estimate shall have been sanctioned.

4. The Chief Engineer appears to wish the bungalow to be sanctioned as a permanent building, but the land plan has been prepared with a view to the temporary occupation only of the ground shown therein. I do not consider also that, even were the situation convenient for the location of the anicut ticket taker, whatever may be the intended duties of that person, it would be advisable to allow such a future, possible, arrangement to influence the way in which the sanction should be given, and in the present case it would seem to be evident that a house to be built nearly half a mile from the anicut would be of no use to a ticket taker.

5. The bungalow is for the present required for the use of the Engineering staff during the construction of the works, and it is very doubtful whether it will ever be used for any permanent purposes. The proper course, therefore, would seem to be to include its estimated cost, as an item in the estimate for the works, in connection with which it is to be used, and I would therefore recommend that sanction for the erection of the building be given, and that Rupees 1,880 be included in the estimate for the 10th Section on that account.

6. I have had some correspondence with the Agent in connection with the proposed erection of a bungalow for permanent use at Dhoor in the 9th Section, and I enclose a copy of my letter, No. 40 of the 13th instant, to which I have not

the

*Proceedings of the Madras Government, Public Works Department,
12th June 1867.*

yet received a reply, as also the Agent's letter No. 54, in order that the Government may see what suggestions I have made with a view to the settlement of the principle on which the buildings, which the Company may find requisite, should be constructed, so as to provide the accommodation required in a convenient and economical manner. In paragraph 8 of my letter I have proposed that the Company's Engineers should always pay rent for the accommodation provided for

* 120 to 150 Rupees a month.

them at the Company's expense, because they receive regularly a high rate* of allowance to meet expenses, of which shelter for themselves on the works or in the divisions is one item, and the rent which they would usually be called upon to pay would not exceed the cost of living in tents.

7. I may add, in conclusion, that the cost of providing for a limited period the extent of accommodation shown in the plan of the Adannapully bungalow ought not to exceed the amount, Rupees 1,880, of the estimate, and it may be well that it should be understood that, while the Chief Engineer may consider himself at liberty to modify the details of construction, should he think it necessary to do so, the amount allowed must, under no circumstances, be allowed to be exceeded. I have no levels in the Office to show that the site chosen for the bungalow will be free from river inundation, but as it will be protected by the canal embankments, I have taken it for granted that there will be no objection to the arrangements on this account.

From the Agent and Manager, Madras Irrigation and Canal Company, to the Consulting Engineer for Irrigation and Canal Company, dated Madras, 9th May 1867, No. 54.

1 Estimate,
1 Plan,
1 Land Plan.

1. I have the honour to request you will obtain the sanction of Government for the construction of an Engineer's bungalow in the

Dhoor division as per accompanying plan and estimate.

2. I enclose copy of the Provisional Chief Engineer's letter, No. 105 of 30th April 1867, containing particulars of the proposed site and dimensions, &c., of the building.

From the Chief Engineer, to the Agent and Manager, dated Kurnool, 30th April 1867, No. 105.

1. Enclosed I have the honour to forward estimate, drawing, and land plan, for an Engineer's bungalow for the head-quarters of the Dhoor division.

2. The site is next the Department Public Works bungalow on a field just off the road. It will be accessible in all weathers, and is close by the canal, though not abutting on it, and on pretty high ground.

3. No equally accessible site on the canal occurs near Dhoor, unless it be on high ground, quite, unshaded near the diverted road, about one and a half mile below Dhoor. But there the wells did not seem satisfactory. Dhoor is conveniently situated for reaching Rajoly in fine weather by a straight cut of ten miles, and in case the site be approved, I would ask that Dhoor be made a Post Office in connection with either Podatoor or Cuddapah.

4. Full 25,000 acres of irrigation will be under the canal on the neighbourhood of Dhoor. I therefore propose that the building be sanctioned as a permanent building, but placed at the service of the Main Canal during the construction of the latter. During progress of works the bungalow to be kept in repair at the charge of the canal.

5. The bungalow is of masonry, and consists of an Engineer's Office 16 feet $\times$ 22 feet, opening into a Writer's Office 10 $\times$ 16, and Draughtsmen's Office 12 $\times$ 16 on a basement 2 feet high. There is, besides, a dining room, dressing, and bath-room 14 $\times$ 16, 8 $\times$ 10, and 8 $\times$ 6 respectively.

*Proceedings of the Madras Government, Public Works Department,
12th June 1867.*

The whole is well lighted. A verandah 8 feet high runs round—above is a spare room or sleeping room.

6. I have estimated for a tile roof. But if the Engineer will bind himself to make as effective a one, of the same average height for each room, of pukka terrace roof without exceeding the estimate, I see no objection.

7. Lime is burnt at Dhoor close by the site: I have therefore been able to put moderate rates on the work.

P. S.—Through an oversight Mr. Caruthers sent in his land plan plotted to the half inch scale. I forward it nevertheless to avoid delay.

From the Consulting Engineer for Irrigation and Canal Company, to the Agent and Manager, Madras Irrigation and Canal Company, dated Madras, 13th May 1867, No. 40.

1. I have the honour in acknowledging the receipt of your letter No. 54 of the 9th

* Letter No. 105, 30th April.
1. Plan.
1. Estimate.
1. Land Plan.

instant, with its accompaniments* from the Chief Engineer, to inform you that I am not prepared to recommend the Government to

sanction the erection of permanent buildings,

in the divisions, on any site away from the canal. The site proposed for a station building for the 9th Section is about 250 yards distant from the canal, but if this building is to be of permanent utility, it should be placed parallel to, and at about 30 yards from, the side of the canal, so as just to admit of a platform of moderate width, say fifteen to twenty yards, and of a recessed boat wharf of about ten to fifteen yards, being arranged for. I am of opinion also that the proper site for such a building is close to the point, south of Dhoor, at which the canal will cross the main road. This site is more near to the centre of the section than any other, which could be conveniently selected; it is within a moderate distance of Dhoor; the canal is there in cutting of a depth approximating to that (six feet) of the water the canal is intended to carry; and the site will be readily accessible from all points of the compass; it is therefore well suited for the construction of a permanent building.

2. As regards the design which the Chief Engineer has submitted, I may remark that I do not consider it necessary to make any particular objection to it, though as regards the upper story, and the arrangements which this addition entails, it does not seem to me that the uses to which, as a permanent building, it is intended to be put have been taken, as should be the case, sufficiently into account, so that it may be doubted whether the Company would obtain, on this plan, the most convenient and most ample accommodation which the amount of the estimate, Rupees 4,750, is capable of affording.

3. It appears to me that permanent buildings require to be constructed at the sites and on the plan best adapted to the permanent uses to which they are to be put, and that the comfort of the Officers who may be allowed temporarily to occupy them can be allowed to form only a secondary consideration.

4. On the other hand, there can be no objection to the construction of temporary bungalows for the use of Divisional and other Engineers, so as to suit their convenience and comfort, and I am disposed to consider that it will be a better and more economical plan to erect such temporary buildings, with just the accommodation which may be necessary for the Engineer and his Office, than to attempt in the generality of cases to design a permanent building so as to suit, perhaps indifferently, the requirements both of the temporary use to which it is to be immediately put, and of its permanent utility.

5. On the Madras Railway it is usual to sanction temporary bungalows for the use of Divisional Engineers during the time of the construction of the line, and I find that the estimate

Proceedings of the Madras Government, Public Works Department.
12th June 1867.

for one sanctioned for District 17 on the North-West Line was Rupees 900, the accommodation consisting of

1 Room for Office		18 feet × 14½ feet.
1 Sitting-room		18 „ × 14½ „
1 Bed room		18 „ × 14½ „
2 Bath-rooms		15 „ × 6 „

and elsewhere a verandah 6 feet 3 inches in the clear. The basement is 2 feet high, the principal walls 13 feet, and the height of the rooms inside 20 feet to the ridge. This accommodation would appear to be sufficient, and I subjoin an extract from the estimate, in order that it may be ascertained by simply applying the rates for any particular locality what the cost of a bungalow of this sort would be.

			RS. A. P.	RS. A. P.
Raw brick-work...	cubic yards	190 at	1 0 0	190 0 0
Burnt do.	do.	26 at	2 0 0	52 0 0
Flooring...	superficial yard	200 at	0 2 0	25 0 0
Roofing...	squares	34 at	2 0 0	68 0 0
Plastering		53 at	0 14 0	46 6 0
Nine doors, 3 feet 6 inches × 7 feet, superficial feet		220½ at	0 12 0	165 6 0
Ten windows, 3 feet × 5 feet 6 inches, superficial feet		165 at	0 12 0	123 12 0
Out-houses		...	...	150 0 0
Contingencies		...	...	79 8 0
Total			...	900 0 0

6. It is not very easy to discover what the actual cost of the bungalows occupied by the Railway Engineers has been. Much has depended on the views as to comfort entertained by individual Officers, many of whom have expended a good deal of their own money in improvements and additions.

7. Generally the Railway Engineers draw fixed tentage or travelling allowance of Rupees 75 a month when in charge of one district, and Rupees 105 when in charge of two districts; and, when travelling beyond their own divisions, they get, instead, 3 Rupees for each ten miles travelled. Rent is not charged for the use of temporary bungalows, but Engineers provided with them are not allowed to draw the higher scale of allowance. Rent for the occupation of permanent buildings is charged, so as to cover guaranteed interest and the cost of repairs.

8. Probably, in the Dhoor division, a temporary bungalow on the scale of that above referred to might be constructed for Rupees 1,200, and the terms on which the Company should, I think, undertake to provide their Engineers with such accommodation are as follows:—

First.—A fair estimate should be prepared, and the proportion to be considered as due to the Office accommodation should be determined. In the case of the bungalow above referred to it would be one-third.

Second.—Deducting the value of the Office accommodation provided, the remainder of the cost should be divided by the time during which it would be occupied, in the Dhoor division about four years, and this would give the monthly rent to be charged.

Third.—The cost of all repairs should be divided proportionately between the Office and the Engineer.

9. I should recommend that three bungalows be allowed for the Dhoor division. One at or near Dhoor for the Engineer in charge of the division. One at about eight miles from the commencement of the section, and, if possible, near a large aqueduct or other work, and the third about half way between Dhoor and the Pennair; these latter two for Assistant Engineers. The Divisional Engineer's bungalow might, if necessary, be a little larger, and those of the Assistants a little smaller.

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12th June 1867.

10. I request you to bring these remarks to the Chief Engineer's notice. If Mr. Latham should not approve of temporary bungalows being constructed, and being charged to the section in the first instance, another site for the permanent station building should be selected; and it will then be for him to consider whether, with reference to the observations I have made, a modification of the proposed plan of the building would not be desirable.

From the Assistant to the Chief Engineer, to the Agent and Manager, dated Kurnool, 18th May 1867, No. 174.

1. I have the honour to forward by Monday's book-post plan and estimate (in triplicate) and plan showing situation of proposed bungalow at Adannapully.

2. It was originally the Provisional Chief Engineer's intention to apply for a temporary hut with thatch roof at that place. But as a permanent hut will be required for the ticket taker at anicut, the Provisional Chief Engineer has desired me to substitute a tile roof for the thatch, which, with the increased thickness of the walls required to support the heavier roof, increases the estimate from Rupees 1,140 to Rupees 1,880. To avoid the delay caused by preparing fresh plans I send them in as they are, showing the walls 15 inches thick instead of 18 inches, the minimum thickness I consider safe for supporting a tile roof, and which has been provided for in the estimates. A note to that effect will be found on the plan.

3. The site, it will be seen, is close on the canal and convenient to the anicut, whichever site may be selected.

4. A store will be needed, and plans for it will be submitted.

5. If it be thought not well to make over the land yet, leave is requested to rent the same until such time as the plans of works shall be ready.

No. 87.

1 Plan.
1 Estimate.
1 Land Plan.
1 Schedule.

Forwarded to the Consulting Engineer with plan and estimate of proposed Bungalow at Adannapully.

(Signed) F. H. HENSLOWE,
Agent and Manager.

MADRAS,
28th May 1867.

No. 249.

ORDER THEREON, 12th June 1867, No. 1,753.

CIVIL WORKS, No. 32.

1. His Excellency the Governor in Council sanctions the erection of a bungalow at Adannapully for the accommodation of the Engineer in charge of the 10th Section of the Madras Irrigation and Canal Company's Main Canal, and directs that provision to the extent of Rupees 1,880 be made for the building in the revised estimate for that section which is now under preparation.

2. Adverting to paragraphs 6 and 7 of the letter above recorded, the Government approve generally of Captain Mullins' remarks regarding the principle on which buildings for the accommodation of Officers employed on the canal should be

Proceedings of the Madras Government, Public Works Department.
12th June 1867.

constructed, but His Excellency in Council thinks that the detail arrangements should be left to the responsible Officers of the Company.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Irrigation and Canal Company,
With two original letters, two Plans, and one Estimate.

.. Manager for do.

do.

Exd. S. T. Augustin.

At: 40

Consulting Engineer's Office,
Irrigation and Canal Co.,
Madras 13th May 1867

From

Captain John. Mullins R.E.,
Consulting Engineer Sand C.C.

To

The Agent and Manager S.C.C.

Sir

I have the honor, in acknowledging the receipt of your letter, At: 54, of the 9th Instant, with its accompaniments from the Chief Engineer, to inform you that I am not prepared to recommend the Government to sanction the erection of permanent buildings in the Divisions, on any site away from the Canal. The site proposed for a station Building for the 9th Section is about 250 yards distant from the Canal, but if this building is to be of permanent utility, it should be placed parallel to and at about 30 yards from the side of the Canal, so as just to admit of a platform of moderate width, say 15 to 20 yards, and of a recessed boat wharf of about 10 to 15 yards, being arranged for. I am of opinion also that the proper site for such a building is close to the point, South of Choor, at which

the

the Canal will cross the Main road. This site is more near to the centre of the Station than any other, which could be conveniently selected; it is within a moderate distance of Dhoo; the Canal is there in cutting of a depth approximating to that (6 feet) of the water the Canal is intended to carry; and the site will be readily accessible from all parts of the Camp; it is therefore well suited for the construction of a permanent building.

2. As regards the design which the Chief Engineer has submitted, I may remark that I do not consider it necessary to make any particular objection to it, though as regards the upper story, and the arrangements which this addition entails, it does not seem to me that the uses to which, as a permanent building, it is intended to be put have been taken, as should be the case, sufficiently into account, so that it may be doubted whether the Company would obtain, on this plan, the most convenient and most ample accommodation which the amount of the estimate Rspees 1,750- is capable of affording.

3. It appears to me that permanent buildings require to be constructed at the sites and on the plan best adapted to the permanent

permanent uses to which they are to be put, and that the comfort of the Officers who may be allowed temporarily to occupy them can be allowed to form only a secondary consideration.

4. On the other hand there can be no objection to the construction of temporary Bungalows for the use of Divisional and other Engineers, so as to suit their convenience and comfort, and I am disposed to consider that it will be a better and more economical plan to erect such temporary buildings, with just the accommodation which may be necessary for the Engineer and his Office, than to attempt in the generality of cases to design a permanent building so as to suit, perhaps indifferently, the requirements both of the temporary use to which it is to be immediately put, and of its permanent utility.

5. On the Madras Railway it is usual to sanction temporary bungalows for the use of Divisional Engineers during the time of the construction of the line, and I find that the estimate for one sanctioned for District 17 on the North West Line was Rspees 900- the accommodation consisting of

1 Room for office	18' x 14½'
1 Sitting Room	18' x 14½'
1 Bed Room	18' x 14½'
2 Bath Rooms	18' x 6'

and elsewhere a verandah 6' x 3' in the clear.

The

The basement is 2 feet high, the principal walls 13 feet and the height of the rooms inside 20 feet to the ridge. This accommodation would appear to be sufficient, and I subjoin an extract from the estimate, in order that it may be ascertained by simply applying the ratio for any particular locality, what the cost of a Bungalow of this sort would be.

Raw brickwork Cgds	190	at 1/2p.	190	"
Plumb do	26	at 2/2p.	52	"
Flooring	Sup ^{ly} 200	at 1/2p.	25	"
Roofing	Squares 34	at 2/2p.	68	"
Plastering	"	53 at 1/4p.	46	"
9 doors 3'6" x 7'0"	Sup ^{ly} feet 220 1/2	at 1/2p.	165	"
10 Windows 3'0" x 5'6"	"	165 at 1/2p.	123	"
Out houses			150	"
Contingencies			79	"
			<u>900</u>	"

6 It is not very easy to discover what the actual cost of the bungalows occupied by the Railway Engineers has been. Much has depended on the views as to comfort entertained by individual officers, many of whom have expended a good deal of their own money in improvements and additions.

7 Generally the Railway Engineers draw fixed tentage or travelling allowance of Rupees 75 a month when in charge of 1 District, and Rupees 100 when in charge of 2 Districts, and, when travelling beyond their own Divisions, they

they get, instead, 3 Rupees for each 10 miles travelled. Rent is not charged for the use of temporary bungalows, but Engineers provided with them are not allowed to draw the higher scale of allowance. Rent for the occupation of permanent buildings is charged so as to cover guaranteed interest and the cost of repairs.

8 Probably in the Dhoor Division a temporary bungalow on the scale of that above referred to might be constructed for Rupees 1200, and the terms on which the Company should, I think, undertake to provide their Engineers with such accommodation are as follows.

1st A fair estimate should be prepared, and the proportion to be considered as due to the office accommodation should be determined. In the case of the Bungalow above referred to it would be one third.

2nd Deducting the value of the office accommodation provided, the remainder of the cost should be divided by the time during which it would be occupied in the Dhoor Division about 4 years, and this would give the monthly rent to be charged.

3rd The cost of all repairs should be divided proportionately between the office and the Engineer.

9 I should recommend that 3 Bungalows
be allowed for the (Thoor Division) 1 at about
to near Thoor for the Engineer in charge of the
a Division. 1 at about 8 miles from the commu-
ex-ment of the Section, and if possible near a
large Aqueduct or other work, and the 3 about
half way between Thoor and the Pinner,
these latter two for Assistant Engineers. The
Divisional Engineer's Bungalow might,
if necessary, be a little larger, and those
of the assistants a little smaller.

10 I request you to bring these remarks
to the Chief Engineer's notice. Mr. W. V. them
should not approve of temporary bungalows
being constructed, and being charged to the
Section in the first instance, another site for
the permanent station building should be
selected, and it will then be for him to
consider whether, with reference to the observa-
tions I have made, a modification of the
proposed plan of the building would not be
desirable.

Yours &c
Wm. John Mullins Captain R.E.
Consulting Engineer N.E.C.
(True Copy)
Wm. Mullins Captain R.E.
Consulting Engineer N.E.C.

Consulting Engineer's Office
Irrigation Canal Company
Madras 31st May 1867.

N^o 17.

From

Captain J. Fulline, R.E.

Consulting Engineer for I.C.C.

The Secretary to Government
Department of Pub. Works.

Sir,

I have the honor to submit for the consideration of Government a letter, N^o 174 of the 18th instant, from the Chief Engineer, Madras Irrigation and Canal Company, with its enclosures, which was received with the Agent's endorsement N^o 87 of the 28th instant.

2. In this correspondence sanction is asked for the erection of a Bungalow, at a cost of Rupees 1800, at Adamapully, to provide accommodation for the Engineer who has been appointed to the 10th Section Main Canal.

3. The 10th Section of the Canal, including the cut across the Pennair at its head, has not yet been sanctioned, as when submitted on a former occasion, the Government were unwilling to allow of the construction of works South of the Pennair, until the feasibility of the whole length of Canal, some 50 or 60 miles, from Adamapully to Somasivaram had been demonstrated, and the whole probable cost.

P.M. 4. N^o 889-31 March
N^o 1173-25 April/66.

Enclosed in letter N^o 174
of 31st May 1867 to Government
from Chief Engineer I.C.C.

19/6/67

cost ascertained. - However the portion 10 miles between Adampully and Cuddapah, and forming the 10th Section, forms part of the work which the Company have, by the Supplementary Agreement entered into with the Secretary of State on the 2nd October last, undertaken to complete by the 1st July 1871, and the estimate formerly submitted is now undergoing revision, and will probably shortly be transmitted for sanction. - It is of importance that some accommodation should be provided for the Engineer and his office establishment, and I think the immediate accordance of permission to construct a bungalow will facilitate the commencement of work when the estimate shall have been sanctioned. -

4. The Chief Engineer appears to wish the Bungalow to be sanctioned as a permanent building, but the land plan has been prepared with a view to the temporary occupation only of the ground shown therein. - I do not consider also that, even were the situation convenient for the location of the Assistant Ticket-taker, whatever may be the intended duties of that person, it would be advisable to allow such a future, possible, arrangement to influence the way in which the sanction should be given, and in the present case it would seem to be evident that a house to be built nearly half a mile from the Assistant Ticket-taker would

would be of no use to a Ticket-taker. - 27
5. The Bungalow is for the present required for the use of the Engineering Staff during the construction of the works, and it is very doubtful whether it will ever be used for any permanent purposes. The proper course therefore would seem to be to include its estimated cost, as an item in the estimate for the works, in connection with which it is to be used, and I would therefore recommend that sanction for the erection of the building be given, and that Rs 1080 be included in the estimate for the 10th Section on that account. - I have had some correspondence with the Agent in connection with the proposed erection of a bungalow for permanent use at Whoor in the 9th Section, and enclose a copy of my letter, N^o 40 of the 13th instant, to which I have not yet received a reply, as also the Agent's letter N^o 54, in order that the Government may see what suggestions I have made with a view to the settlement of the principle on which the buildings, which the Company may find requisite, should be constructed, so as to provide the accommodation required in a convenient and economical manner. In paragraph 8 of my letter I have proposed that the Company's

Company's Engineers should always pay rent for the accommodation provided for them at the Company's expense, because they receive regularly a high rate *120 to 150 Rupees of allowance to meet expenses, of which shelter for themselves on the works or in the divisions is one item, and the rent which they would usually be called upon to pay would not exceed the cost of living in tents.

7 I may add in conclusion that the cost of providing for a limited period the extent of accommodation shown in the plan of the Adamapally Bungalow ought not to exceed the amount, Rupees 1000, of the estimate, and it may be well that it should be understood that, while the Chief Engineer may consider himself at liberty to modify the details of Construction, should he think it necessary to do so, the amount allowed must under previous circumstances be allowed to be exceeded. - I have no levels in the office to show that the site chosen for the Bungalow will be free from river inundation, but as it will be protected by the Canal Embankments I have taken it for granted that there will be no objection to the arrangements on this account.

I have the honor to be,
Sir,
Your most obedient servant,
Wm. Mullins Captain, R.E.
Commanding for S. & C. Company.

B. Mullins

From the Secretary to Govt.
Dated 31st May 1867
Recd. 3rd June 1867

Enclosures to

Submit for sanction
Plan & Estimate A-1880
for the erection of a Bungalow
at Adampally 10th section
Main Canal.

1753-12.5 June 1867

No 228

a. 5th June 1867 B. 7m

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 12th June 1867

Read the following

From the Comd Engineer
J. A. Conroy

(Here enter No. 40 dated 15th May 1867)

His Excellency the Governor in Council sanctions the erection of a Bungalow at Adampally for the accommodation of the Engineer in charge of the 10th section of the Madras Irrigation and Canal Company's main Canal, and directs that provision to the extent of Rs. 1,880 be made for the building in the revised estimate for that section which is now under preparation.

Adverting to paras 6 and 7 of the letter above recorded, the Government approve

generally of Capt. Mullin's
remarks regarding the
principles on which build-
ings for the accommoda-
tion of Officers employed
on the Canal should
be constructed, but His
Excellency in Council
thinks that the detail
arrangements should
be left to the responsible
Officers of the Company.

AB

To Can. Engrs with two original letters
two plans & one return
Managers

Recd. 13/6/57
185

P. W. 1867. Department.

Proc. of Govt. for June
No. 1753

PROCEEDINGS OF GOVERNMENT

Dated

12th June 1867

Further Proc No 1837 of 15-6-71

*Sanctioning with remarks
the erection of the Bungalow at
Idannapully for the Engineer
of the 11th Section of the Madras
Irrigation and Canal Company
main Canal.*

No 248-249

2. 5th June 1867. Dd. 7th