1. Initials of Indexer
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M.R.O. 1—81 (a)—22-11-33

MADRAS RECORD OFFICE.

Government of Madras.

Political (Miscellaneous) DEPARTMENT.

Con.

G.O. No. Press Mis.

Dated 18

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 17th November 1857.

No. 3. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 4th November 1857, No. 4955.

SIR,

With reference to Extract from the Minutes of Consultation No. 439, dated 14th November last, I have the honor to forward for submission to Government Plans and an Estimate, amounting to Rupees (13,140) thirteen thousand, one hundred and, forty for certain improvements proposed to be made in Saint George's Cathedral.

1 Letter from the Civil Architect No. 343, dated 5th June 1857.
1 Copy of a letter from the Trustees of St. George's Cathedral No, 10, dated 12th August 1857.
1 Abstract Estimate.
8 Plans.
1 Report.

12

2. These Plans have been carefully considered and prepared by the Civil Architect, in communication with the Trustees, and are in complete accordance with the views expressed in their letter, copy of which accompanies this.

3. The estimate after careful revision in this Office, was returned to the Civil Architect, for reconsideration of certain rates which appeared high, but I am now satisfied that Colonel Atkinson has not over calculated the cost of improvements, which I need hardly observe, must be of the very best description, as to materials and workmanship.

4. The alterations consist of throwing open as far as practicable, the Western entrance of the Cathedral, lengthening the Chancel, extending the Vestries, in the north one of which the Organ is to be placed.

5. The Seats, are to be entirely re-arranged, and the Pulpit placed near the centre of the Nave; the Bishop's Throne, being on the opposite side.

6. There can I think be no question as to the great advantage of these alterations, the effect of which will be to assimilate the Church more to its present character as a Cathedral, and I may well offer my entire and earnest recommendation of the plans.

7. The present number of sittings, including privileged seats, is 321, and the number under the new arrangement will be 334 or 13 more, so that it is not so much increased, as improved accommodation that will be gained; but this I consider of much importance. In addition to the vast improvement of the appearance of the interior of the Cathedral, the removal of the Pulpit will further secure the congregation much better means of hearing, great inconvenience having been felt hitherto, from the very defective and imperfect transmission of sound, to all but those in close proximity to the Clergyman.

Letter from Lieutenant Colonel W. H. ATKINSON, Civil Architect, Presidency Division; to Colonel C. E. FABER, Chief Engineer, dated 5th June 1857, No. 343.

SIR,

In obedience to the orders of Government as conveyed in the Extract Minutes of Consultation No. 8279, of the 22nd November last, and your annexment to the same, I have the honor to forward a Plan with an Estimate, the former shewing the proposed re-pewing of Saint George's Cathedral, Madras, altering the position of the Pulpit and Reading Desk and further for throwing open as far as it may be safely done the whole width of the Church at the Western entrance. And this I beg leave to mention can only be done by making passages of the 2 Vestry rooms at the west corners. For to remove any of the masonry there might endanger the stability of the Steeple itself and is therefore I presume not to be thought of.

2. The plan which has been prepared in communication with the Trustees or rather their representative member Mr. Birch must therefore be considered as rather their plan than my own.

The architecture of the Cathedral is what is termed Romanesque and how far adding on a Gothic or groined ceiling with a dome outside will be consistent with the present simply arched ceiling, I must leave it to yourself and the authorities to determine.

3. One thing only is certain that by the proposed re-pewing of the Cathedral but few additional sittings will be gained. As the accompanying plan shews the future number to be 348 of which 14 are lost by the Choristers who at present are in the organ loft leaving only 334 congregational seats. Whereas I yesterday morning counted the present number of seats and omitting mere side or back benches in either case, found there are now 321 sittings including 33 privileged seats as per margin, viz.

viz. 6.	For Right Honble. the Governor.
6.	For Chief Justice.
4.	For Puisne Judge.
5.	For His Excellency the Commander-in-Chief.
8.	For Councillors.
4.	For Chief Secretary.
33	

96 Free Seats.
173 Paying or privileged in body of the Church.
22 Sittings near the Pulpit and Reading desk.
2 In chairs between them.
28 In the 14 double chairs in the centre aisle.

Total. 321 Sittings in Cathedral at present.

4. The Estimate which amounts to Rupees 10,100 is only for the building portion. For the sittings I have been told 3,000 Rupees may be allowed. Although according to Mr. Deschamps' own statement to me it will be at the rate of 50 Rupees for 4 sittings or 55 Rupees for 5. This at the former rate would come to 4,350 Rupees for the whole 348 sittings. But whatever the cost, there can hardly be a doubt that Mr. Deschamps from his trade alone would do that part of the work in a much more finished style than could be expected from the ordinary Bazar Carpenters who alone would be available to me. Presuming of course as I am that the work is to be of an ornamental kind and not the plain clumsy seats at present in the Cathedral.

Letter from the Trustees of Saint George's Cathedral; to Colonel C. E. FABER, Chief Engineer, dated 12th August 1857, No. 10.

SIR,

Adverting to Extract Minutes of Consultation No. 439, in the Ecclesiastical Department, dated 14th November 1856, and with reference to para. 8 of these orders, we think it expedient, that we should place upon record our views regarding the arrangements and alterations therein alluded to, that they may the more readily come under your consideration, and should they meet with your approval, be submitted to Government, with an expression of your favorable opinion.

2. The internal arrangements of the Cathedral, under any improved system, must be so materially dependent on each other, that it will perhaps be advisable, we should first dispose of the question of throwing open the west end of the building, placing the Organ in the Centre at that end.

3. Whether that part of the Edifice will bear such alterations as the proposed arrangements would require, is a matter which we need not discuss. We would merely observe that the walls appear to have several large cracks in them, and that it would perhaps be most desirable to confine the improvements to opening out the doorways in the north west corner, removing the large Staircase, and substituting a small one, as a means of communication with the rooms in the tower, &c. We take it for granted, that whatever arrangement may be decided upon, the present unsightly gallery will not be allowed to remain. With the alteration just mentioned, the Members of the Congregation would always have two points of Ingress and Egress at the west end, and often three; there would also be more shelter from the sun, which now strikes with great force into the Portico at noon. At present there is only one door available, and the Vestibule is so confined, that it causes great inconvenience.

4. We submit that the west end is not the proper situation for the Organ in this Cathedral. The height of the interior is so very limited (being only 32 feet) that it would be impracticable to place an Organ with any claim to be considered a complete instrument on a screen; it would be necessary to put it almost upon the ground; this would block up the whole of the centre portion of the building at that end, which is for many reasons an arrangement much to be deprecated. With the Organ in this position, it is impossible that Divine service can be performed in a satisfactory manner; the distance between the Reader and the Choir, upon whom devolve the responses, is so great, being upwards of seventy-five feet, that in the Confession, the Creed and such portions of the service as should be repeated with him, the sound of the Minister's voice is wholly drowned by their own, they are obliged to follow by chance.

5. With these preliminary remarks we proceed to bring under notice the arrangements and alterations that we conceive best calculated to attain the object in view and we would first request your attention to the accompanying Ground plan of the Cathedral, exhibiting the arrangements proposed with regard to Pulpit, Sittings, &c.

6. It will be observed, that the position of the Pulpit has been most materially changed. It is notorious, that at present very many members of the congregation can neither see nor hear the Preacher, and that unless the enunciation is very clear, and distinct, those seated in the centre, about three quarters down the Church hear with difficulty. By placing the Pulpit as shewn in the plan, the farthest point to which the Preacher's voice has to travel is diminished to 50 feet, instead of 80 as at present. We believe that this disposition of seats will not curtail the number, from which the Preacher can be *seen*, it will ensure his being more audible to all the congregation. It is proposed also to keep the Pulpit very low; the tendency of the voice being to rise, it is thought that the present Pulpit being so high, placing the Preacher above the Punkahs is one of the reasons why so much of the voice is lost. It will be observed that all sittings west of the Pulpit have been arranged north and south, and those to the east of it east and west, due regard has been paid to ventilation. The side aisles intersect the seats, which also admit of entrance to both ends of the centre seats. It is proposed to make the official seats, *stalls*; and the position of the stall for the Venerable the Archdeacon and the Reader, as well as the situation of the chair are marked out in the plan.

7. There has been one great deficiency in the building ever since it became entitled to the distinction of a Cathedral, which it is most desirable should be supplied. We refer particularly to the absence of any accommodation for the Reverend, the Clergy of the Diocese, on occasions when their presence is required as on visitations &c. In the contemplated arrangements this want has been provided for.

8. It must however be obvious, that as the building is at present constructed, this scheme cannot be carried out in its integrity, and that some addition to it will be requisite. We would therefore solicit your attention to the accompanying drawings descriptive of the alterations which we would propose, to enable us to carry out the arrangements suggested.

9. These drawings have been prepared for us by Mr. Cole of the School of Arts, to whose kindness we are indebted for much valuable advice on this matter.

10. It will be seen that the project consists in lengthening the chancel about (10) ten feet, extending proportionately the present Vestries, and by two arches opening out the whole width of the building. In the recess on one side of the chancel, the organ will be placed; the other will be divided into two Vestries: on each side of the chancel there will be stalls for Clergymen.

11. It is believed that this addition to the building can be made for Rupees 6,000, the plan recommends itself more especially for its utility, it will also afford an opportunity of improving a portion of the building, which in its present state, somewhat detracts from the beauty of the remainder.

12. With regard to its utility, considered in conjunction with the arrangements proposed, it will admit, of such a disposition of the sittings with reference to the Pulpit, as will, except under very unfavorable circumstances, ensure the Preacher's voice being heard by each member of the congregation of much better ventilation in the body of the Church—a ready access to all the seats, as well as affording opportunities for the congregation dispersing much more conve-

niently and rapidly, than they now can. It will enable us to get rid of all obstructions to sound except those punkahs between the Pillars which are absolutely requisite, and will leave the whole body of the building free and open, doing away with the necessity for the present Gallery.

13. We would observe that the situation in which we propose to place the Organ is one, which has been adopted in many Churches at Home, and which appears to be very generally chosen in those now being built.

14. With regard to the seats themselves, we beg to enclose a design for these also, one of these having however been made up and placed in the Vestry of the Cathedral; perhaps you would do us the favor to inspect it. The proportions of this seat are not quite such as are intended, but the pattern is correct. The stalls as will be seen from the design submitted, are proposed to be more elaborate, partly with the design of dispensing with velvet, cloth, and other furnishings in the official seats, handsome carved work being substituted for these; this will enhance the first expense a little, but will eventually prove less costly.

15. In the arrangement of the sittings, which is shewn in the ground plan of the building, it is not intended that any should be fixtures. Wherever desks only are required, as in front of the Stalls &c. these will be fixed.

16. You will perceive, that open seats have been substituted for Pews, an arrangement observed we believe in all new Churches at Home, though not perhaps with the same object. There can be but little doubt, that the present Pews, with doors pannelled up as high as the seat greatly impede the free circulation of air, and that, replaced by seats such as are now proposed, the ventilation will be much more perfect, especially as the provision for open spaces between the blocks of seats by means of aisles, will admit of a free current of air throughout the building.

17. We regret to find that the cost of re-seating the Church will be greater than we had anticipated, but the heavy demands for Railway purposes has so increased the price of Teakwood, that it is as you must be aware almost double the amount for which it could be purchased a year or two ago.

18. We have had several Estimates made of the cost of the sittings, and the one considered most satisfactory is herewith transmitted. Should it meet with your approval and the work be sanctioned by Government, the person submitting it is proposed to enter into a regular contract to supply the seats. We beg to recommend that the work be entrusted to him, as we have every confidence that it will be completed in a proper manner.

19. The Memo. submitted, you will observe, makes no provision for the wooden screens that will be required to shut off the recess for the Organ, and the Vestries from the Chancel, and from the body of the Church. We are however authorized to state that in the event of the Government giving their sanction to the other work, these and the Lectern will be furnished as will also the Bishop's Throne.

(Signed) VINCENT SHORTLAND,
(„) CHARLES D. GIBSON,
(„) E. MALTBY,
(„) GEORGE TALBOT,
(„) S. D. BIRCH,
} Trustees of St. George's Cathedral.

Report upon the Estimate for making certain alterations and improvements to Saint George's Cathedral on the Mount road, including the alteration of the position of the Pulpit, Reading desk, and some of the sittings.

Amount of Estimate Rupees (13,140) thirteen thousand, one hundred and forty, as per accompanying Abstract Estimate.

The prolongation of the east end of the sacred building, additional to the present dimensions, is to be raised on a basement of 4 feet in height, and the foundations are to be sunk to a depth of 8 feet. The Circular walls of the Chancel to be 26 feet and the cross walls of the 2 new Vestry rooms to be 34 feet in height.

5

The additional building is to contain the subjoined extra accommodation.

Construction of 2 Vestry rooms each...	20×13¾ feet.
Extension of Nave.....	20×20 feet.
Extension of Chancel.	20×10 feet.

and the whole to be of the very best material and workmanship.

Central Office of P. Works,
Fort Saint George,
4th November 1857.

(Signed) C. E. FABER, Colonel,
Chief Engineer.

No. 4. ORDER THEREON, No. 2092; dated 12th November 1857.

Ordered to be referred to the Ecclesiastical Department for consideration.

(Signed) H. FORBES,
Acting Secretary to Government.

Cathedral Madras
12th August 1857

No. 10

From

The Trustees of
Saint Georges Cathedral

To

The Chief Engineer
Department of Public Works

Sir

Adverting to Extract Minutes of Consultation
No. 1 to 39 of the Ecclesiastical Department, dated 6th
November 1856, and with reference to para 8 of
those orders, we think it expedient, that we should
place upon record our views regarding the several
arrangements and alterations therein alluded to,
that they may the more readily come under your
consideration, and should they meet with your
approval be submitted to Government with an
expression of your favorable opinion—

2 The internal arrangements of the
Cathedral, under any improved system, must be so
materially dependent on each other, that it
will perhaps be advisable, we should first
dispose of the question of throwing open
the West End of the Building, placing the
Organ in the Centre at that end—

Whether

3 Whether that part of the Edifice will bear such alterations as the proposed arangements would require, is a matter which we need not discuss. We would merely observe that the Walls appear to have several large cracks in them, and that it would perhaps be most desirable to confine the improvements to opening out the doorways in the South West Corner, removing the large Staircase, and substituting a small one, as a means of communication with the rooms in the Tower &c. We take it for granted, that whatever arrangement may be decided upon, the present unsightly gallery will not be allowed to remain. With the alterations just mentioned, the Members of the Congregation would always have two points of Ingress and Egress at the West end, and often three; there would also be more shelter from the Sun which now catches with great force into the Portico at noon. At present there is only one Door available, and the Vestibule is so confined, that it causes great inconvenience.

4 We submit that the West End is not the

that proper situation for the Organ in this Cathedral. The hight of the interior is so very limited, being only 32 feet, that it would be impracticable to place an Organ with any claim to be considered a complete instrument on a screen; it would be necessary to put it almost upon the Ground, this would block up the whole of the centre portion of the Pavilions at that end, which is for many reasons an arrangement much to be deprecated. But the Organ in this position, it is impossible that Divine Service can be performed in a satisfactory manner, the distance between the Reader and the Choir, upon whom devolves the responses, is so great, being upwards of seventy five feet, that in the Confessions, the Creed and such portions of the service as should be repeated with him, the sound of the Minister's voice is wholly drowned by their own. They are obliged to follow by chance.

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5 With these preliminary remarks we proceed to bring under notice the arrangements and alterations that we conceive best calculated to obtain the object in view and

and we would first request your attention to the accompanying Ground plan of the Cathedral, excluding the arrangements proposed with regard to Pulpit, seatings &c.—

6 It will be observed, that the position of the Pulpit has been most materially changed. It is notorious, that at present very many members of the Congregation can neither see nor hear the Preacher, and that unless the enunciation is very clear, and distinct, those seated in the Centre, about three quarters down the Church hear with difficulty. By placing the Pulpit as shewn in the plan the furthest point to which the Preachers voice has to travel is diminished to 50 feet, instead of 80 as at present.— We believe that this disposition of seats will not curtail the number, from which the Preacher can be seen— It will ensure his being more audible to all the Congregation— It is proposed also to keep the Pulpit very low, the tendency of the voice being to rise, it is thought that the present Pulpit being so high, placing the Preacher above the Pinnacles is one of the reasons why so much of the voice is lost. It will be observed that all seatings west

west of the Pulpit have been arranged North and South, and those to the East of it East & West. due regard has been paid to ventilation. The Side Aisles intersect the Seats, which also admit of entrance to both ends of the centre Seats. It is proposed to make the official seats, Stalls, and the position of the Stall for the Venerable the Archdeacon and the Reader, as well as the situation of the Chair are marked out in the plan.—

7 There has been one great deficiency in the building ever since it became entitled to the distinction of a Cathedral, which it is most desirable should be supplied.— We refer particularly to the absence of any accommodation for the Reverend, the Clergy of the Diocese, on occasions when their presence is required as on visitations &c. In the contemplated arrangements this want has been provided for.—

8. It must however be obvious, that as the building is at present constructed, this Scheme cannot be carried out in its integrity, and that some addition to it will be requisite.— We would therefore solicit your attention to the accompanying drawings descriptive of the alterations

alterations which we would propose, to enable us to carry out the arrangements suggested.—

9 These drawings have been prepared for us by Mr Cole of the School of Arts, to whose kindness we are indebted for much valuable advice on this matter.

10 It will be seen that the project consists in lengthening the Chancel about (10) ten feet, extending proportionately the present vestries, and by two Arches opening out the whole width of the building. In the recess on one side of the Chancel, the organ will be placed; the other will be divided into two vestries: on each side of the Chancel there will be stalls for Clergymen.—

11 It is believed that this addition to the Building can be made for Rupees 6000—, the plan recommends itself more especially for its utility; it will also afford an opportunity of improving a portion of the building, which in its present state, somewhat detracts from the beauty of the remainder.

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in conjunction with the arrangements proposed, it will admit, of such a disposition of the sittings with reference to the Pulpit, as will, except under very unfavorable circumstances, ensure the Preacher's voice being heard by each member of the congregation of much better ventilation in the body of the Church. a ready access to all the Seats as well as affording opportunities for the congregation dispersing much more conveniently and rapidly, than they now can. It will enable us to get rid of all obstructions to Sound - except those punkahs between the Pillars which are absolutely requisite, and will leave the whole body of the building free and open; doing away with the necessity for the present Gallery.—

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14 With regard to the Seats themselves, we beg to enclose a design for these also. one

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of these having however been made up. and placed in the vestry of the Cathedral: perhaps you would do us the favor to inspect it. The proportions of this seat are not quite such as are intended, but the pattern is correct. The stalls as will be seen from the design submitted, are proposed to be more elaborate, partly with the design of dispensing with velvet, cloth, and other furnishings in the Official seats, handsome carved work being substituted for these; this will enhance the first expense a little, but will eventually prove less costly.—

15 In the arrangement of the sittings, which is shewn in the ground plan of the Building, it is not intended that any should be fixtures. Wherever desks only are required, as in front of the stalls these will be fixed.—

16 You will perceive, that open seats have been substituted for Pews, an arrangement observed we believe in all new Churches at home, though not perhaps with the same object. There can be but little doubt, that the present Pews, with doors panelled up as high as the seat greatly

greatly impede the free circulation of air, and that, replaced by seats such as are now proposed, the ventilation will be much more perfect, especially as the provision for open spaces between the blocks of seats by means of Aisles, will admit of a free Current of air throughout the Building.

17 We regret to find that the cost of reseating the Church will be greater than we had anticipated, but the heavy demands for Railway purposes has so increased the price of Teak-wood, that it is as you must be aware almost double the amount for which it could be purchased a year or two ago.—

18 We have had several Estimates made of the cost of the Sittings, and the one considered most satisfactory is herewith transmitted. Should it meet with your approval and the work be sanctioned by Government, the person submitting it is proposed to enter into a regular Contract to supply the Seats.— We beg to recommend that the Work be entrusted to him as we have every confidence that it will be completed in a proper manner.—

19 The Memo submitted, you will observe, makes no provision for the wooden screens that

of these having however been made up. and placed in the vestry of the Cathedral: perhaps you would do us the favor to inspect it. The proportions of this seat are not quite such as are intended, but the pattern is correct. The stalls as will be seen from the design submitted, are proposed to be more elaborate, partly with the design of dispensing with velvet, cloth, and other furnishings in the Official seats, handsome carved work being substituted for these; this will enhance the first expense a little, but will eventually prove less costly.—

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that will be required to shut off the recess for the Organ, and the Vestries from the Chancel, and from the body of the Church. We are however authorized to state that in the event of of the Government giving their sanction to the other work, Pews and the Lectern will be furnished as will also the Bishop's Throne.—

We have the honor to be

Sir

Your Most obedient Servants.

| Signed | Vincent Shortland
" Charles D Gibson
" E. Maltby
" Geo: Talbot
" S. D. Veech

Trustees of St. Georges Cathedral.

| A true Copy |

W. C. Tabor Colonel
Chief Engineer

Lieut. Brett.

8 — 1

Carried Over 4302

Buildings ( ) (New Work)

Abstract of Estimate № of 185 /5

District. Madras-

Work Alterations and Improvements to the Saint Georges Cathedral on the Mount Road inclusive of altering the position of the Pulpit Reading Desk and Pews &c.a

Quantities	Description of Work.	Rate. Rs.	As.	P.	Amount. Rupees.	Amount of each part. Rupees.
C. Yds.						
16476	C.ft. Brick work in Chunam @ C.ft.	"	2	"	2059	
102 3/16	D.o Semicircular Arch work in Chunam over the arches @ D.o	"	3	3	82	
84	D.o Flat Arch work in Chunam under the entablatures @ D.o	"	2	9½	15	
3892 7/8	D.o Grained arch work in Chunam to the Roof @ D.o	"	6	"	1460	
	Centering to Above D.o	"	"	"	487	
1500 3/4	Sq.r Laying Jelly 1½ inch thick 3-Courses of flat tiles & Plastering 3 coats Chunam over the grained arched Roof @ Sq.r	10	13	"	162	
113-6	R.ft Cornice work in Chunam at the Spring of the arch & plastering with 3 coats Chunam inclusive of ornamental works & cast to the Interior of the building @ R.ft	"	3	9	26	
60	Architrave with brick work in Chunam to the exterior entablature inclusive of Plastering with 3 Coats Chunam over the Same	"	"	"	11	
60	R.ft Dentil Cornice inclusive of Plastering 3 coats Chunam to the exterior Entablature as per Plan @ R.ft	1	"	"	60	
	Carried Over				4362	

Enclosure in a Letter from the Chief Engineer to the Secretary to Govt. P.W.D. Dated 4th September 1845 No. 4275

Copy of a Letter from the Trustees of St. George's Cathedral explaining their views regarding the proposed alterations to the Cathedral and requesting that if approved of, they may be submitted to Government with the recommendation of the Chief Engineer.

Coll.r's Offs. Engr's Dep.t No 3 Post Bundle 9/15

Quantities.	Description of Work.	Rate. Rs	As	P	Amounts. Rupees.	Amount of each part. Rupees.
C. Yds.	Brought forward				4362	
41	Rft. Cornice work in Chunam to the exterior of the Circular wall inclusive of plastering 3 Coats Chunam over the same as per Plan — ℔ Rft.	"	4	9	12	
41	Do. Brick work in Chunam for forming plinth & plastering with 3 Coats Chunam inclusive of Ornamental works and 7 Roses as per plan at the exterior base of the dome — Do.	1	"	"	41	
	6 Pillasters each with masonry & plastering 3 coats Chunam inclusive of Volute & ornamental work & ℔ to the Capitals and base as per plan to the exterior of the new building — Each	25	"	"	150	
	4 Do Do Do inclusive of ornamental works to the Capitals as per plan to the exterior of the new Building — Do	22	"	"	88	
3000	Sft. Plastering with 3 Coats fine Chunam to the interior exterior walls and Casement ℔ Sft.	6	"	"	180	
2000	Do Do with 3 Coats Chunam to the Ceeling of the arched Roof ℔ Sft.	5	"	"	100	
	Carried Over				4933	

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought forward			4933
56	Rft. Balustrades with pedestals in Masonry & plastering 3 Coats Chunam over the same as per Plan over the new walls — ℔ Rft.	1 4 "	70	
350	Sft. Flooring with old China Stone in Chunam & a levelling course of 3rd Sort wall bricks underneath taken from the old floor ℔ Sft.	10 " "	35	
440	Do Do China Stone Complete ℔ Sft.	210 " "	924	
624½	Do Do with 8 ins ℔ bricks in Chunam & a levelling course of wall bricks underneath — Do	6 9 6	41	
336	Do Granite Stone over the steps of 2 line dressed 4 ins thick & fitted in close forming an edge in the front side & fixing them with Chunam — ℔ Sft.	40 " "	134	
860	Do Flooring with wall bricks in Chunam & a levelling course of 3rd Sort wall bricks underneath & plastering with 2 Coats Cement Chunam over the platform — ℔ Do	6 12 3	58	
275	Do Plastering with 2 Coats Cement Chunam over the retaining walls of the platform — Do	1 13 9	5	
	Carried Over			6200

Quantities	Description of Work	Rate	Amount	Amount of each part
	Brought forward		6200	
6	Granite Stones each hard fixing them with masonry for uniting the old and new walls	Each 1 8 "	9	
	Coolie hire for cutting the old walls for uniting the new arched roof	" " "	14	
	Making 2 Sham doors & 4 attic windows inclusive of archivolts & other ornamental works with Chunam & plastering 3 coats over the same Vea Complete as per plan	" " "	35	
	Making archivolts with other ornimental works in Chunam & plastering 3 Coats over the same Vea Complete as per plan for 2 doors	" " "	17	
	Making ornimental work with rosettes & panelled works Vea in Chunam & Plastering with 3 coats over the same Complete in the of the roof	" " "	100	
	Cutting the old wall for shaping 2 pillasters in masonry and plastering the same inclusive of ornamental works Vea Complete as per Plan	" " "	11	
	Repairing the old pillasters cornices and Ornamental works Vea in Chunam and plastering over the same	" " "	7	
	Carried Over		6393	

Quantities	Description of Work	Rate	Amount	Amount of each part
	Brought forward		6393	
5	Key Stones with Masonry and plastering 3 Coats Chunam over the same in centre over the arches Ea	" 8 "	3	
	Removing the present stair case with the exception of the landing and repairing with fine Chunam where required the Consequent damages	" " "	15	
	Cutting the wall and fixing a circular door frames taken from the vestry in the stair case room with masonry and plastering fine Chunam	" " "	5	
Do	the wall and removing the present Circular door frame from the Vestry Room and repairing the damage in masonry and plastering fine Chunam inclusive of ornamental works Vea	" " "	3	
Do	the wall and making an archway in the present stair case room similar to that of the vestry room inclusive of circular arch works and plastering fine Chunam with Ornamental works Vea	" " "	5	
	Carried Over		6424	

Quantities	Description of Work	Rate	Amount	Amount of each part
	Brought forward		6424	
	Cooly hire for taking down the present gallery posts &c.a & filling the holes of the Pais to in ma=sonry & plastering fine Chunam inclusive of ornamental work &c.a	" " "	20	
	Cutting the sides of the doorway and fixing the top and bottom frames of the turned rails in masonry and plastering the same	" " "	2	
	Do. the walls for making 2 large opening at the side aisles and introducing 2 breast summers underneath the entablatures and fixing them in masonry and plastering fine Chunam inclu=sive of ornamental works &c.a complete as per Plan	" " "	17	
	Cooly hire for taking down and removing the portion of the walls floors and terrace &c.a and col=lecting the old materials &c.a of the chancel room for the purpose of			
	Carried Over		6463	

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought forward		6463	
	of excavating the east side - - - - -	" " "	350	
	Filling with river sand 2 feet in depth under the foundation as per Plan	" " "	38	
	Excavating the foundation shoring the sides with mango planks and Country wood posts baling water where required raising the base=ment filling and levelling the excavations &c.a	" " "	100	
	Teakwood turned rails with top and bottom frames to the doorway leading to the gallery removed	" " "	6	
	Teakwood turned rails with top & bottom frames 2 posts and a door in Centre with cast Iron hinges screw nails and bolts &c.a Com=plete over the landing consequent to the removal of the present stair Case	" " "	12	
1	Teakwood moveable ladder with iron revetted bolts &c.a for leading to the clock	" " "	11	
	Carried Over		6980	

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought forward	——	6980	
51-6-9	Cft. 2 Teakwood breastsummers each wrought and put up under=neath the entablature. ½ Cft.	1 13 "	93	
	3 Pairs Circular panelled windows Shutters with frames hooks hinges and bolts &c complete in the semi=circular wall of the apsis — Each	53 14 9	162	
	2 Leaden spouts each 4½ feet long &c	4 8 "	9	
	2 Leaden trunks with iron hoops and cramps &c Complete — Each	32 " "	64	
	2 Granite Stones each 9 inc. Sq. under the trunks — Do.	" 5 "	1	
	Repairing 2 Doors frames and the iron Articles &c for fixing them to the new building	" " "	5	
25	Sft. Wood Oil 3 coats to the rails &c ½	1 " 9	1	
85	Do. White paint 3 coats to the breastsum=mers — ½	2 11 "	2	
420	Do. Lead Colour 3 Coats to the panelled window Shutters — ½ Do.	2 12 "	11	
	Red paint 3 coats to the moveable ladder	" " "	1	
	Difference of Price in 144 Cft. of Teakwood about required to this work			
	Carried Over	——	7329	

Quantities	Description of work.	Rate	Amount	Amount of each part
	Brought forward	——	7329	
	work between 4 and 2 Cft per			
	3½ Rupees Charged in the data			
	and the rates of the Market	" " "	126	
	Sundry Charges and erecting the high Scaffolding inclusive of Cantingents &c		485	
	Total	Rupees —	7940	
	Additional Charges to be incurred under the Trusties own direction			
	Appracootty Pillay Contractors Charge settled with the Trustees direct for Constructing Teakwood Seats for the new pewing, &c desks and Stalls			4350
	Removing the old Seats Carefully and renewing the floor with blue Chunam where rendered necessary	" " "		200
2	Pairs of Covered screens at the ends of the Chancel rooms where opening into the aisles each 10 ft long & 8 ft high	" " "		150
1	Covered partition Screen of Teakwood with door between the two Chancel rooms at the S. E. angle at	" " "		200
	Carried Over	——		12840

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought forward			12840
1	New Pulpit to correspond with the other fittings	" " "	"	300
	Grand Total Company's Rupees Thirteen thousand One hundred and Forty			13140

Central Office of P.W.
Fort Saint George
4 November 1857

A.W. Salter Colonel
Chief Engineer D.P.W.

Enclosure
In a Letter

From
The Chief Engineer
D. F. W.

To
The Secretary to Govt.
D. F. W.

D.W. 24th, 57

Dated 4
Received 30 Nov.r/57

No. 4955
D.W. 2386/57

Abstract Estimate for
Alterations and Improvements to
the Saint George's Cathedral on the Mount
Road inclusive of altering
the position of the Pulpit Reading
Desk and Pews &c in the District
of Madras.
Amounting to C.R. Rs 13140

31/10

Report upon the Estimate for making certain alterations and improvements to Saint George's Cathedral on the Mount Road, including the alteration of the position of the Pulpit, Reading desk, and some of the sittings.

Amount of Estimate Rupees 13,140.

Thirteen thousand one hundred and forty.

as per accompanying Abstract Estimate.

The prolongation of the east end of the Sacred building additional to the present dimensions is to be raised on a basement of 4 feet in height, and the foundations are to be sunk to a depth of 8 feet. The circular walls of the Chancel to be 2 6 feet, and the cross walls of the 2 new Vestry Rooms to be 3 2 feet in height.

The additional building is to contain the subjoined extra accommodation.—

Construction of 2 Vestry Rooms ea 20 × 13½ feet
Extension of Nave ..... 20 × 20 feet
Do of Chancel ..... 20 × 10 feet

and the whole to be of the very best material and Workmanship.

Central Office of P.t Works.
Fort St George,
4th November 1857.

W. Taylor Colonel
Chief Engineer.

E. & B. Birch.

Central Office of P.W.

Fort Saint George.

4 November 1857.

No. 4955

"Ecclesiastical." From,

The Chief Engineer.

To,

The Secretary to Government P.W.D.

Sir,

With reference to Extract from the Minutes of Consultation No 2139 dated 4th November last, I have the honor to forward, for submission to Government Plans and an Estimate, amounting to Rupees (13140) Thirteen thousand one hundred and forty, for certain improvements proposed to be made in Saint George's Cathedral.

These plans have been carefully considered and prepared by the Civil Architect, in communication with the Trustees, and are in complete accordance with the views expressed in their letter, copy of which accompanies this.

The

Enclosure in a letter from the Chief Engineer to the Secretary to Government P.W.D.

Dated 4 November 1857.

Received 5 November 1857.

No. 4955.

Report upon the Estimate for making certain alterations and improvements to St George's Cathedral on the Mount Road including the alteration of the Portico & the Pulpit, Reading Desk, and Clerk's sitting; amounting to Rupees 13140.

Ecclesiastical, 12.

1 Letter from the Civil Architect No 249, dated 5th June 1857.

1 Letter from the Trustees of St Mary's Cathedral No 13 dated 12th August 1857.

1 Abstract Estimate.

3 Plans.

1 Report.

12.

3 The estimate after careful revision in this Office, was returned to the Civil Architect, for Reconsideration of certain Rates which appeared high, but I am now satisfied that Colonel Atkinson has not over calculated the cost of improvements, which I need hardly observe, must be of the very best description, as to materials and workmanship.—

4 The alterations consist of throwing open as far as practicable, the Western entrance of the Cathedral, lengthening the Chancel, extending the vestries, in the North one of which the organ is to be placed.

5 The Seats, are to be entirely rearranged and the pulpit placed near the centre of the nave; the Bishop's throne, being on the opposite side.—

6 There can I think be no question as to the great advantage of these alterations, the effect of which will be to assimilate the Church more to its present character as a Cathedral, and I may well offer

offer my entire and earnest Recommendation of the plans.—

7 The present number of Sittings, including privileged Seats, is 321, and the number under the new arrangement will be 334 or 13 more, so that it is not so much increased, as improved accommodation that will be gained, but this I consider of much importance. In addition to the vast improvement of the appearance of the interior of the Cathedral, the removal of the pulpit will further secure the congregation much better means of hearing, great inconvenience having been felt hitherto, from the very defective and imperfect transmission of sound, to all but those in close proximity to the Clergyman.—

I have the honor to be,
Sir,
Your most Obt Servt
Alex Fraser Colonel
Chief Engineer.

Central Office of P. W.
Fort St George,
4 November 1857

L.S.

To,
The Secretary to Government P. W. D.
Engd. Brock.

Encl^d^ Let^r^ to Engr 18^th^ Feby:
No 3 of 1858 - Pages 14 & 15-

From the Chief Engr 2d
12^th^ November /59 Ltr No 299
inclos:

No 344

Pub Works 2d Department
Toronto 17^th^ November 1859
No 27640

From The Chief Engineer.

To The Secretary to Government
&c &c &c.

Dated 4^th^ } November /59.
Received 5^th^ }

No 4955.

4 Enclosures
Rets of Encr & Plans 18-8-59
No 2092. 12^th^ Nov^r

With an order
Submits for entry in the
Budget of 1858/59 an
Estimate for certain improve
ments proposed to be made
in St Georges Cathedral
meantime to Rubble £3,140

Encl^d^ in Letter
Encl^d^ 5 Nov^r /59
in Encl^d^ 24
No 356

served to the Ecclesiastical
Department for consideration

Fort St George
12^th^ Nov^r /57-

Copied to the Encl Engr
with Letter Dep^t 13