326.

M.R.O. 1—77,006—8-6-37.

(1) Number of pages 4

(2) Date of repair 22. 5. 62

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	~~362~~ 326	Press / Mis.-
442-443.		
Dated	28-2-	1862.

Not to be folded or roughly handled

RS 242

Proceedings of the Madras Government, Public Works Department, 28th February 1862.

No. 442. Read the following Endorsement of the Deputy Chief Engineer, Southern Circle, dated Chepauk, 21st February 1862, No. 10,813.

Read the following letter from Captain R. F. OAKES, District Engineer, Tanjore, to Colonel W. I. BIRDWOOD, Deputy Chief Engineer, Southern Circle, dated Nallicheri, 4th February 1862, No. 287:—

SIR,

1. I have the honor to forward for sanction an estimate of Rupees 615, for removing the bow window on the east face of the upper story of the Surja Mahal and for providing a double flight of steps up to the window, which will now be converted into a door and will form the entrance to the Collector's Office room.

Vide plan which accompanied letter No. 119, dated 1st August 1860, and Report.

2. The only entrance at present is by the stair-case which leads into the western room, and the Collector has therefore to pass through the western and centre rooms in which his Office establishment is provided with accommodation before he can reach his own Office room.

Vide paragraph 2 of Report and Inspection Report of 19th September 1861.

3. The removal of the bow window has become necessary, because notwithstanding the recent repairs to the building, it is found that the weight of the bow window is still acting as a drag on the eastern wall, and has re-opened the cracks in the walls and in the roof which have recently been repaired. The stair-case will act as a buttress, and will support the eastern face and check its tendency to fall outwards.

4. Under the head of Repairs the Collector has lately sanctioned an estimate of Rupees 650 for enclosing the small verandah on the western side of the building in the upper story, and for covering in the stair-case which leads to the roof of the building, the former will afford more accommodation to the Collector's Office and will render it unnecessary to repair the roof over the present entrance to the Surja Mahal, and the latter will prevent leakage on the stair-case, above which the upper stair-case which is not water tight passes.

5. Provision can be made for the stair-case from the allotment of funds for this year if the estimate is sanctioned early.

Nos. 2,176, 261, and 1,609, dated 20th October 1860, 8th February and 23rd August 1861.
1 Original letter from the District Engineer No. 287, dated 4th February 1862.
1 Plan.
1 Specification.
1 Abstract estimate, Rupees 615.

1. Submitted to Government with reference to their Proceedings marginally noted, with the recommendation of the Deputy Chief Engineer, Southern Circle, that the accompanying plan and estimate, amounting to Rupees 615, for removing the bow window and providing steps on the east side of the Surja Mahal, enclosing verandah on the west side, and covering roof of the upper stair-case, may be sanctioned, from the general funds at the disposal of the District Engineer of Tanjore, for expenditure during the current official year.

2. Government will observe that the removal of the bow window has become necessary, inasmuch as its weight is acting as a drag on the eastern wall, and has re-opened the recently repaired cracks in the walls and roof. The proposed stair-case will answer as a buttress, support the eastern face, and check its tendency to fall outwards.

3. The estimate, which has been examined in this Office and found correct, has been countersigned by the Collector in token of his approval. The rates given in it are those prevailing in the Tanjore District, and are moderate but sufficient to carry out the work and the early sanction of Government is solicited thereto.

(Signed) W. I. BIRDWOOD, Colonel,
Deputy Chief Engineer, Southern Circle.

Proceedings of the Madras Government, Public Works Department,
28th February 1862.

No. 443. ORDER THEREON, 28th February 1862, No. 326.

1. Referred for the consideration of the Revenue Department.

2. It is observed that in sanctioning the estimate of Rupees 650, referred to in paragraph of the District Engineer's letter, the Collector has exceeded the powers given him in paragraph Clause III of Chapter XXIV of the New Code.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

Estimate No. of 186/6

Tanjore District

Tanjore Taluq

Work.—Removing Bow Window and providing Slopes on East side of Surja Mahal enclosing Verandah on West side and covering roof of upper Staircase.

Allowances for Lengths	Breadths	Heights	Sub Contds.	Cubic Contds.	Particulars of Works.	Rate.	Rs.	Amount.	Total
					Removing Bow Window and Stone facing below it	-	-	25	-
21	1¼	4½	-	40 1⅜	Foundations to Piers of Arch				
21	2¾	4½	-	259 7/8	—Do.— to Quadrants				
21	9¾	4¾	-	374 5/16	—Do.— to Retaining Wall				
					all Round of Slopes				
8	10½	1½	-	126	Flooring between Retaining Wall & Slopes & Foundations of Quadrants				
2	24⅜	1¼	34 11/32	-	Area of Sections				
			716½	-	Total Area of Opening & Arches				
			130 77/32						
130 77/32	10¾	-	-	1406 73/128	Parapets				
				130					
52	1	2½	-	259 49/128	Cft. Brickwork in Chunam	-	2	Cft.	
					Arch Bricks				
10¾	22	1½	-	354¾	Arches				
10¾	16½	1½	-	266 1/16	Quadrants				
				620 13/16	Cft. Brickwork in Chunam	-	2	Cft.	
					Plastering				
21	-	5¼	141¾	-	Piers				
21	-	4½	94½	-					
19	10½	-	199½	-	Arches				
					Quadrants				

		577½	-	Brought forward				470	13	5
21	-	1½	31½	-	Facing to Arches					
18	-	1½	27	-	—Do— to Quadrants					
6	-	3	18	-	Standrils					
43	-	2	86	-	Facing Walls					
6	-	1½	9	-						
70¾	8	-	566	-	Slopes					
53	-	6	318	-	Parapets					
54	1	-	54	-	Space Out of the old Wall					
		1687	cf/ft	Sup. feet of Plastering		2	-	sup. ft	33	11	10
				Opening Doorway on Landing		-	-	-	3	-	-
8.10	½			Providing Door (8-6 x 3-8) Enclosing of frame with frame, bow above of Glass with frame		40	-	each	40	-	-
				Repairing Cracks Roof with Pitch &c &c		-	-	-	20	5	8
				Providing 2 Iron Shoots		1	-	each	2	-	-
				Scaffolding		-	-	-	20	-	-
				Excavating foundation and Sundries		5	-	Cent	28	12	11
				Extra Establishment		5	-	Do	30	-	-
				Total Estimate Rupees					615	-	-

District Engrs Office
26 June 1854

Captain
District Engineer, Sanjur

10½ feet is allowed for the length of the foundations to provide for stopping the New Work into the Old.

10¾ feet is allowed for the Superstructure because the Stone facing of the wall will probably fall when the bow Window is removed.

Specification.

5

Amount of Estimate Rupees (615) Six hundred and fifteen Comprising the following items

	Removing Bow Window and above facing below it	-	-	-	-	25	- -
2598 49/128	Cubic feet of Brick in Chunam	-	2	-	cft	324	12 9
620 13/16	—Do— Brick work —Do—	-	2	3	Do	87	4 10
1687	Sup. feet of Plastering	2	-	-	cft	33	11 10
						470	13 5
	Opening Doorway on Landing	-	-	-	-	3	- -
	Providing Door (8-6 x 3-8) Enclosing of frame with frame, bow above of Glass with frame	-	-	-	-	40	- -
	Repairing Cracks Roof with Pitch &c	-	-	-	-	20	5 8
	Providing 2 Iron Shoots	1	-	-	each	2	- -
	Scaffolding	-	-	-	-	20	- -
	Excavating foundation and Sundries	5	-	-	Cent	28	12 11
	Extra Establishment	5	-	-	Do	30	- -
	Total Estimate Rupees					615	- -

The Slopes are to be constructed on a Semicircular Arch of 12½ feet Span supported by two Piers to be raised 5¼ feet high with two Quadrants of 4½ feet radius on the outer sides of either Pier and resting against them. The foundations to be 4½ feet deep. The Retaining walls at the foot of the slopes to be 4¾ feet deep. The rise of the arches to be 6¼ feet and thickness 1½ feet. The width of the slopes within parapets to be 9 feet. The parapets to be 1 foot in thickness, 2½ feet high and to be built on the front of the slopes. The whole are to be Constructed of Brick in Chunam and plastered.

Captain
District Engineer, Sanjur.

Rec'd 6th/62

No 518/62

No 287 of 1861/62. Southern Circle 7

District Engineer's Office
Lucknow, 4th February 1862.

From
Captain R. T. Baker
District Engineer

To
The Deputy Chief Engineer
P.W.D.

Sir,

I have the honor to forward for sanction an Estimate of Rs 615 for removing the Bow Window on the Eastern face of the Western Story of the Durja Mahal, and for providing a double flight of steps up to the Window which will now be converted into a Door and will form the Entrance to the Collector's Office Room.

2 The only Entrance to the rooms in the Main Block which leads in to the Western Room, and the Collector has therefore to pass thro' the Western and Centre Rooms in which his Office Establishment is provided with accommodation before he can reach his own Office Room.

3 The removal of the Bow Window has become necessary in the Account relative to the Building as it is found that the weight of the Bow Window is still resting on the Eastern Wall, and has produced the Cracks in the Eastern and in the roof which have recently

from (repaired) - the Staircase will admit a Builder, and will strengthen the Eastern face and check its tendency to fall outwards -

4 Under the head of Repairs the Collector has lately sanctioned an Estimate of Rs 650 for enclosing the Verandah in the Western side of the Building in the Upper Story, and for Covering in the Staircase which leads to the roof of the Building the former will afford more Accommodation to the Collector's Office and will render it unnecessary to repair the roof over the present Verandah to the Surja Mahal, and the latter will prevent Leakage on the Staircase, above which the Upper Flight Case which is much better lighted -

5 Provision can be made for the Staircase from the Allotment of Funds for this Year if the Estimates are sanctioned early -

I have the honor to be
Sir
Your most obedient Servant
J. F. Dakes Captn
District Engineer.

No 1013.

Submitted to Government with reference to their Proceedings marginally noted, with the recommendation of the Deputy Chief Engineer Southern Circle, that the accompanying Plan and Estimate, amounting to Rupees 615, for removing the Bow window, and providing steps on the East side of the Surja Mahal enclosing Verandah on the West side, and covering roof of the upper staircase, may be sanctioned, from the General Funds at the disposal of the District Engineer of Sanjore, for expenditure during the current Official Year.

No 2176, 2614 1609 dated 20th October/60, 8 Feb 4 & 23 d August 1861.

2. Government will observe that the removal of the Bow Window has become necessary, inasmuch as its weight is acting as a drag on the Eastern wall, and has reopened the recently repaired cracks in the

the walls and roof - The proposed Stair case will answer as a Buttress; support the Eastern face; and check its tendency to fall outwards.

3. The Estimate which has been examined in this office and found correct has been countersigned by the Collector in token of his approval. The rates given in it are those prevailing in the Sanjose District, and are moderate but sufficient to carry out the work and the early sanction of Government is solicited thereto.

Dy Chief Engr Office
Lieut
21 February 1862

Colonel
Deputy Chief Engineer

To
Lieutenant Colonel W H Morsley
Chief Engr & Secy to Govt PWD
Fort Saint George

4th Art

20th Oct. 1860 No. 285-286.
8th Feby. 1861 " 95-96
23d Augt. " 306-307.

No. 442 & 443

Public Works 1862 Dept.
Pro: of Govt. for February
From No. 518.

Colonel W. S. Birdwood
Actg. Chief Engr. &c.
To Lieut. Colonel W. H. Horsley
Ch. Engr. & Secy: to Govt. Pbs.
Fort St. George

Dated 27
Rec'd 24th February 1862

Encl: Year Pro: No. 1883
No. 326 - 28 Feby. Collr. returned.

Submits, for sanction, a Plan and Estimate amount to Rs. 615 for removing the Bow Window on the East face of the Upper story of the Surja Mahal, enclosing Verandah on the West side & covering Roof of the Upper stair case in the District of Tanjore with an Order.

6 Copies

To

The Revl. Dept.

No. 87

Fort St. George
28th Feby. 1862

with 3 Encls. Displ. 1 Branch

No. 326

Referred for the consideration of the Revenue Department.

It is observed that in sanctioning the Estimate of Rupees 650 referred to in para 4 of the Instt. Engr's letter the Collector has exceeded the powers given him in para 5 Clause III of Chap. XXIV of the new code.

W. T. P.