M.R.O. 1—10,006—28-2-50.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. / ~~B.P. No.~~	2431	Press / ~~Mis.~~	C876
Dated	13 - 9 -		195—

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
13th September 1876. *No.* 2,431.

Read the following papers :—

No. 171. From J. O'SHAUGHNESSY, Esq., District Engineer, Nellore, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Nellore, 10th August 1876, No. 76.

In reference to your memorandum, No. 1,070, dated the 13th ultimo, I have the honor to forward a survey plan of Dr. Lloyd's property at Koratur. I forward also a ground plan of the buildings, and I return the letter addressed by A. M. Simpson, Esquire, to the Chief Secretary, regarding the injury that will be done to the property referred to on being cut off from communication with the interior by the construction of the East Coast Canal.

2. I lately submitted* a plan of inspection bungalow and rest-house, which I propose to construct at every 20 miles of the canal; I have no doubt that Govern- will recognize the usefulness and the necessity of these buildings, and I therefore hope that my proposal will be sanctioned. Dr. Lloyd's property happens to be situated within about $1\frac{1}{2}$ miles of where one of these rest-houses should be constructed, and for this reason, as well as that it would be very difficult to value the injury that will be done to the property and the amount of compensation that might be demanded, I would recommend that Mr. Simpson's second proposal be accepted, and that Government purchase the property outright.

* Letter No. 53 of 30th June 1876.

3. The estimate of the rest-houses I propose to construct is Rupees 1,700, and the dimensions and rates have been reduced to a minimum.

4. Dr. Lloyd's buildings are two or three times the size of the proposed rest-houses, and there is about 24 acres of land attached to them which will be of use for nurseries and for a plantation of casuarinas.

5. The property must have cost 5,000 or 6,000 Rupees, and it is owing probably to Dr. Lloyd's transfer to another district that it is offered for the comparatively small sum of Rupees 1,500.

6. There will be considerable saving by reduction of rates on the section† of the canal on which the property is situated, and the proposed outlay can be provided from the sanctioned estimate.‡

† Kistnapatam to Pennar.
‡ Rupees 2,74,000 sanctioned in G.O., No. 151, of 25th January 1876.

7. A fee will be recovered from the members of the department and oth ers who may occupy the building, and by this means the outlay will not be unproductive.

No. 171-A. From District Engineer, Nellore, dated 29th August 1876, No. 90.

From J. O'SHAUGHNESSY, Esq., District Engineer, Nellore, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Nellore, 30th June 1876, No. 53.

I have the honor to forward, for your approval, plan and estimate of an office I propose to build for the East Coast Canal Establishment at Kristnapatam.

2. The Canal Range Office is at present accommodated in a miserable leaf shed, which is inconvenient and dangerous, the slightest spark of fire would destroy books, accounts, plans, every

record belonging to the work, some of which have cost much money, and the loss of which would cause much delay and inconvenience.

3. The proposed building will be always of use for the maintenance establishment and traffic superintendent, no account of which is kept at present.

Estimate Rupees 2,74,000 sanctioned in G.O., No. 151, dated 25th January 1876.

4. The cost of the building can be met from the item of "Sundries" in the estimate of the Kundalaroo and Pennar Section.

5. I propose with your approval to provide for the construction of similar buildings, at intervals of say 20 miles along the whole line of canal, and I request you will be good enough to let me know if I may do so.

No. 172. ORDER THEREON, 13th September 1876, No. 2,431.

CIVIL WORKS, No. 13.

HIS GRACE the Governor in Council sanctions the purchase of Dr. Lloyd's property as a head-quarter office for the East Coast Canal Range for Rupees 1,500.

2. The Government will require separate proposals for building additional accommodation along the canal in future.

3. The above sanction has been registered as Provincial No. 138-W. of 1876-77.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

District Engineer's Office
Nellore 10th August 1876.

From J. O'Shaughnessy Esquire
District Engineer
Nellore

To Major General C.W. Walker R.E.
Secretary to Government
P.W. Department
Fort St George.

Sir,

Enclosures 3.

In reference to your Memo. No. 1370, dated the 13th ultimo, I have the honor to forward a survey Plan of Dr Lloyd's property at Koratur. I forward also a ground plan of the buildings and I return the letter addressed by Ash. Simpson Esquire, to the Chief Secretary regarding the injury that will be done to the property referred to on being cut off from communication with the interior by the construction of the East Coast Canal.

× Letter No. 530 of 30th June 1876 ×

2. I lately submitted a plan of

× Not received in this Office ×

Inspection Bungalow and Rest house which I propose to construct at every 2 miles of the Canal, I have no doubt that Government will recognise the usefulness and the necessity of these buildings and I therefore hope that my proposal will be sanctioned.

Dr Lloyd's property happens to be situated within about ½ miles of where one of these rest houses should be constructed, and for this reason, as well as that it would be very difficult to value the injury that will be done to the property and the amount of compensation that might be demanded, I would recommend that Mr Simpsons second proposal be accepted and that Government purchase the property outright.

3. The Estimate of the Rest houses

I propose to construct is Rs 1700 and the dimensions and rates have been produced to a minimum

4. Dr Lloyd's buildings are two or three times the size of the proposed Rest houses and there is about 24 acres of land attached to them which will be of use for nurseries and for a plantation of Cardamums.

5. The property must have cost 5 or 6 thousand Rupees and it is owing probably to Dr Lloyd's transfer to another District that it is offered for the comparatively small sum of Rs. 1500.

6. There will be considerable saving by reduction of rates on the section of the Canal on which the property is situated and the proposed outlay can be provided from the sanctioned

† Kistumpalam to Pennanam

Estimate

*Rs. 274000 sanctioned in G.O. No 151 of 25th January 1876.

Y. A fee will be recovered from the members of the Departments and others who may occupy the building and by this means the outlay will not be unproductive.

I have the honor to be,

Your most obedient Servant

V. Shuttleworth

District Engineer

Memo: No. 1261 of 21st Aug 1876

The D.E. Nellore is requested to submit a copy of his letter No 53 dated 30th June 1876 with copy of the plan stated to have been forwarded therewith, the originals not having apparently come to hand.

by G.W.H.

Collectorate

D.E. Nellore

No 171

Cir - 8.9.76. Ord 13-9-76

Dept-6 Col. 15-8-76.

2021-1-76 No 157.

P.W.D.
14 AUG 76
No 5821

D.P.W. Nellore.

Provincial Communications. Original Works
Canals

Detailed Estimate. No of 1876-77.

Work Constructing East Coast Canal Range Office
at Muttukur, Gudur Taluq.

Particulars	Number	Measurement in feet. Length	Breadth	Height	Contents
Excavating foundations					
Front & rear walls of the front 3 rooms	2	20-9	3-3	3-0	404-7½
Side walls of do	2	16-3	3-3	3-0	316-10½
Rear Wall of rear rooms	1	26-7	2-10½	3-0	229-3
Cross walls of do	1	10-3½	2-10½	3-0	88-9
Front walls of do	2	6-9¾	2-10½	3-0	100-3
Inner Cross walls of Verandah 3 rooms	2	7-4	2-10½	3-0	126-6
Rear walls of do	2	9-7¾	2-10½	3-0	166-4
Side walls of rear and Verandah rooms	2	17-7¼	2-10½	3-0	303-8
Retaining Wall	1	85-4	2-6	3-0	640-0
Step in front	1	7-0	5-0	1-0	35-0
do in rear	1	9-0	3-0	1-0	27-0
Steps at side	2	6-0	5-0	1-0	60-0
Total depth of Earthwork					2498-0
or @ Cyrds of do					92½

From The District Engineer Nellore

To The Secretary to Government Public Works

Dated 31-12-76 Rec'd 3-1-77

Subject Estimate for Rs 2,300 for Building Range Office at Muttukur

Sir

I have the honor to forward herewith a Detailed Estimate for Rs 2,300 for Building Range Office at Muttukur, Gudur Taluq required for the use of the Establishment employed in keeping the Canal in repair.

I have the honor to be Sir Your most obedient Servant

Ch. Ry

Ch-8-9-76. Dft 13-9-76

Dept Dft 15-8-76.

Foundations.

Front and rear Walls of the front room	2	19-9	2-3	3-0	266-7½
Side Walls of front rooms	2	17-3	2-3	3-0	232-7½
Rear Walls of rear rooms	1	27-7	1-10½	3-0	155-2
Cross wall of do.	1	11-3½	1-10½	3-0	63-6
Front Walls of do.	2	5-9¾	1-10½	3-0	65-5
Inner cross Walls of Verandah rooms	2	7-6	1-10½	3-0	82-6
Rear Walls of do	2	9-7¾	1-10½	3-0	108-6
Side Walls of rear and Verandah do	2	18-7¼	1-10½	3-0	209-3
Retaining Wall	1	87-4	1-6	3-0	393-0
Step in front	1	7-0	5-0	1-0	35-0
do in rear	1	9-0	3-0	1-0	27-0
Steps at side	2	6-0	5-0	1-0	60-0

Basement.

Front and rear Walls of front room	2	19-4½	1-10½	3-0	218-0
Side Walls of do	2	17-7½	1-10½	3-0	198-3
Rear wall of rear rooms.	1	27-11½	1-6	3-0	125-9
Cross Wall of do.	1	11-8	1-6	3-0	52-6
Front Walls of do	2	5-9¾	1-6	3-0	57-11
Inner Cross Walls of Verandah rooms	2	7-4	1-6	3-0	66-0
Rear Walls of do	2	9-7¾	1-6	3-0	86-9
Side Walls of rear and Verandah rooms	2	18-11¾	1-6	3-0	170-10
Retaining Wall in front Sides	1	79-0½	1-1½	3-0	266-9
do in rear	1	8-8	1-1½	2-0	19-6
Step in front	1	7-0	5-0	1-6	52-6
do in rear	1	9-0	3-0	1-0	27-0
do do	1	9-0	2-0	0-6	9-0
Steps at side	2	6-0	5-0	1-6	90-0

Superstructure

Front rear Walls of the front rooms	2	19-0	1-6	10-6	598-6
Side Walls of do	2	18-0	1-6	10-6	567-0
Gable over rear Wall of do	1	17-6	1-6	3-0	78-9
Rear Wall of rear rooms	1	19-0	1-2	10-6	155-2
Cross Wall of do	1	12-0	1-2	11-0	157-0
Front & rear Walls of do	4	4-8	1-2	8-6	185-1
Inner Cross Walls of Verandah rooms	2	6-2	1-2	8-6	122-3
Outer Wall of rear and Verandah rooms	2	31-3½	1-2	6-6	474-4
Total effect					5468-5

Deduct for

Doors large	3	3-6	1-6	7-0	110-3
Windows do	2	3-6	1-6	4-6	47-3

Bay 6 Col 15-8-96

Ends of Steps	4	5-0	1-6	"	30-0
Top of Step in front	1	7-0	5-0	"	35-0
do at sides	2	6-0	5-0	"	60-0
do in rear	1	9-0	5-0	"	45-0
Total Sq feet of Plastering					4121-11
or Squares of do					41¼
Total Squares of Whitewashing					41¼

Flooring.

Front room	1	17-7½	15-7½	"	275-4
Rear rooms	2	11-8	13-2¾	"	308-8
Verandah rooms	2	5-9¾	8-1¾	"	94-8
do in rear	1	8-8	5-4½	"	46-7
do in front and at sides	3	68-5½	4-8¼	"	321-0
Total Sq feet of flooring					1046-3
or Squares of do					10½

Teak wood doors (large) half Venetian & half panel 3½ × 7'	3
do Windows Venetian 3½ × 4½	2
do doors (small) batten 3×6	10
do barred windows do 3×4	6
Superintendence	
Scaffolding	
Sundries	

Brought out 15-0-10.

W.W. Nelson.

Provincial Commmications - Original works: Canals

Abstract Estimate No of 1876-77.

Work. Constructing East Coast Canal Range

Office at Mutukuru, Godavari Taluq

Quantity	Description of charges	Rate	Per	Amount	Total
92½	6" Cyards of Excavating foundations	0	1 C.Yd.	5	12 6
187½	do of Burnt Brick in Clay	2	12 do.	499	2 0
105½	C.feet of flat-arched Brick in Chunam	0	36 C.ft.	23	13 0
96	6 Yds. of filling in basement	0	9 C.Yd.	4	8 0
2	Country wood posts (large)	1	0 Each.	2	0 0
14	do do (small)	0	12 do	10	8 0
56¼	C.ft of Teakwood wrought and put up	3	12 C.ft.	210	15 0
20.8	Squares of roofing with Palmyrah Couples, double Collar pieces, Palmyrah Rafters, nails, flat and pantiles &c Complete	24	0 Sq	499	8 2
41¼	Squares of Plastering with Chunam borders &c Complete	1	12 do	72	3 0
	1 Coat of Chunam -				
	Carried forward -			1327	4 11

1327 4 11

	Brought forward			1327	4 11
414	Squares of whitewashing	4	Sq	10	5
10½	Squares of flooring with gravel				
	filling Chunam and	2 8	Sq	26	4
	plastered over				
3	Doors (large) half Venetian				
	& half panels (3½×7)	30	Each	90	
2	Windows Venetian (3½×4½)	15	do	30	
10	Doors (small) batten (8×6)	10	do	100	
6	Teak barred windows				
	batten (3×4)	9	do	54	
	Superintendence			14	
	Scaffolding			20	
	Sundries			28	2 1
	Grand Total Rupees			1700	0 0

Dist Engineer's Office,
Nellore 30 June 1876

Signed J O'Shaughnessy
District Engineer

True copy
T. Thumsenday
District Engineer

Weyp 684 15-8-76.

Dist. Nellore.

Estimate No of 1876-77.

Estimate for the East Coast Canal Range Office proposed to be constructed at Muttukur, Gudur Taluq.

Report

The Estimate has been prepared at the Range Officer's request.

The building is to be as the Plan accompanying.

Specification

Foundations — The foundations will rest on soil, consisting of a mixture of sand and clay, 3' below the surface of the ground. They will consist of 3 of brick in clay.

Masonry — The masonry is to be of well burnt bricks in clay and of the dimensions shown on the plan

Basement — The basement or Plinth is to be of the

same description of Masonry as the foundations and of the dimensions shown on the Plan.

Superstructure

The Superstructure or walls above are to be of brick in clay Masonry of the same description as the basement and foundations. The courses are to be perfectly horizontal.

Flatarch work

The flat arch work over large doors and windows is to be 1-6" high and that of over small doors is to be 1-1½" high. The masonry is to be of well burnt bricks laid in Chunam.

Roof

The roof is to be of Palmyrah couples, double collar pieces, palmyrah peepers, flat and pantiles and Chunam borders of the usual description The materials are to be of the best kind procurable and they must be good. The palmyrahs are to be well tarred.

Doors.

The large doors are to be of Teak wood half Venetian and half panel The small doors are to be of Teak batten.

Windows

The large windows are to be of Teak wood Venetian. The small windows are to be of Teakwood battens with Teak bars.

The wood work is to be well executed and well fitted: The hinges, bolts and fastenings are to be English.

Floor

The flooring is to be formed of 6" of gravel jelly in Chunam which will be well rammed and plastered over.

Plastering.

The whole of the building is to be plastered inside and out with 1 Coat of Chunam and whitewashed.

Steps.

The steps are to be of the same description of Masonry as the basement etc.

Dcyr 6 Bl. 15-8-76.

The ground round the building is to be levelled and the building is to be completed in a clean and workmanlike manner before it is handed over for use.

Signed/ J. O'Shaughnessy
District Engineer

Dist. Eng. Office,
Nellore 30 June 1876

/True Copy/

J. O'Shaughnessy
District Engineer

Dist. Eng. Office
Nellore
29 August 1876.

P.W.D.
2 SEP 76
No. 7226

Wages-6 Col. 15-8-76.

No. 53 District Engineer's Office

Nellore. 30th June 1876.

From

J. O'Shaughnessy Esquire
District Engineer
Nellore

To

Major General G. W. Walker R.E.
Chief Engineer
Public Works Department
Fort St. George

Sir,

I have the honor to forward for your approval, plan and estimate of an Office, I propose to build for the East Coast Canal Establishment at Krishnapatam.

2. The Canal Range Office, is at present accommodated in a miserable leaf shed, which is inconvenient and dangerous, the slightest spark of fire would destroy books, accounts, plans, every record belonging to the work, some of which have cost much money

and the loss of which, would cause much delay and inconvenience:

3. The proposed building will be always of use for the maintenance establishment and traffic Superintendent, no account of which is kept at present.

4. The cost of the building can be met from the item of "Sundries" in the Estimate of the Kundalaroo and Punnair Section.

Estimate Rs 274,000. Sanctioned in G.O. No. 151 dated 25th January 1876.

5. I propose with your approval to provide for the construction of similar buildings, at intervals of say 20 miles, along the whole line of Canal, and I request you will be good enough to let me know if I may do so.

I have the honor to be
Sir
Your most Obedient Servant
(signed) J. O'Shaughnessy
District Engineer

(True Copy)

29 August 1876 Recd

J. Shaughnessy,
District Engineer

6

P.W.D.
2 SEP 76
No 3536

Enclosures as in
Letter No 90 dated
29th August 1876
from the District
Engineer Yellow
to the Chief Engineer
D.P.W. Fort St George

No 90

District Engineers Office
Yellow
29 August 1876

From

J. O'Shaughnessy Esquire
District Engineer of
Yellow

To

Major-General G. W. Walker R.E.
Chief Engineer D.P.W.
Fort St George

Sir

In reference to your memorandum No 1261 of 21 Instant I have the honor to forward copies of the documents noted in the margin

I have the honorable
Sir
Your Most Obedient Servant

J. Shaughnessy
District Engineer

x Letter No 53 dated 30th June 1876 —
Plan of East Coast Canal Range Office
Site Plan of Do —
Detailed and abstract Estimate with Specification for Do — Do —
y At Cuddy

P.W.D.
2 SEP 76
No. 1251

From
The Dist Engineer
Nellore

To
The Secretary to Govt
Public Works Department
Fort St George

Dated 29th August 1876
Rec'd 1st Septr 1876.
Subject
Application for sanction to the purchase of Mr Lloyd's property as a Head Quarters Office for the East Coast Canal Range for Rs 1500.
Forwarded
Requesting Orders
Pauze Offices
Engineer & Collector
Nellore
for Conservancy
the ——— Bhuttalur

No 1716

Desp to Collr 4-9-76. Cir. 8.9.76 Orders 13-9-76

No 2431 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 13th Septr 1876

Read the following:—

From
The Dist Engineer
Nellore
(1st Co. No 76 dt 10th Augt 1876)
" No — do — (" " 90 dt 29th do)

His Grace the Governor in Council sanctions the purchase of Mr Lloyd's property as a Head Quarters Office for the East Coast Canal Range for Rs 1500. The Government will require to be informed hereafter proposals for building additional accommodation along the Canal in future.

The above sanction has been registered as Provisional No 138 M of 1876-77

Dist Engr: Nellore
Exam: P.W. Accounts
HDC

Desp 28/9/76

5-12-92

5821
6356 CA

Govt. of {1876} Madras.

PUBLIC WORKS.

To

The W. to Nellore

Dated 18-9-76

Rec'd

Issued

Encl.

G. O., 18th Sept-1876, No. 2431

Nos. 171/2

Head Quarter Office
on the East Coast Canal
Range - Nellore Dt -

Sanctioning the fur
ther of Dt. Lloyds
[illegible] as a