Public Works (1898) Department.

G.O., No. 938 W

DATED 6 April 1898.

[Despatch Abstract.]

Store Shed: Estimate of Rs. 6,600 for erecting a — in the P.W. Stores at Madras, sanctioned.

6/4

J
6 Jul 98

[P. W. 26.
1,000—12-2-98.]

Indexed. 6/4

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.	} 1898.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 938 W., 6th April 1898.

APRIL.

Store-shed

Estimate of Rs. 6,600 for erecting a — in the Public Works Stores at Madras, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 18th September 1897, No. 377 W.

With reference to your memorandum, No. 929 D., dated 26th July 1897, I have the honour to report that the cost of erecting at the Public Works Workshops a shed with the surplus materials obtained for the customs godown at Negapatam will be Rs. 990 as per enclosed estimate. A new shed is much required at the Workshop and it is requested that this estimate may be sanctioned if possible.

From Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Ramapatam, 14th January 1898, No. 21 W.

Adverting to item 20 in G.O., No. 3501 W., dated 15th December 1897, communicating Government of India letter regarding taking necessary action for the early adjustment of the objectionable items in the accounts of Provincial Civil Works, I have the honour to report that against the estimate of Rs. 13,100 for constructing customs godown at Negapatam, sanctioned in G.O., No. 3131 W., dated 5th December 1895, an outlay of Rs. 9,815 has been incurred up to end of November 1897 in the collection of materials required for the godown.

2. A revised estimate of Rs. 5,700 having been since sanctioned—*vide* G.O., No. 3671 W., dated 17th December 1896, materials to the extent of Rs. 4,529 only can be utilized on it, thus leaving materials of the value of Rs. 5,286 as surplus.

3. The plan and estimate for utilising the surplus materials in the manner suggested in my letter, No. 257 W., dated 17th July 1897, and called for in your memorandum, No. 4137 C., dated 11th October 1897, are herewith submitted for sanction. When this estimate is sanctioned and the materials transferred thereto, the excess outlay in question will be adjusted.

Order—No. 938 W., dated 6th April 1898.

The estimate amounting to Rs. 6,600 for erecting a store-shed in the Public Works Stores at Madras is sanctioned.

2. This sanction has been registered as Provincial No. 2 W. of 1898–99 and classified as "Civil Buildings—Original works."

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, V Circle, with three enclosures.
" Examiner, Public Works Accounts.

Exd. Md. Pahilvan.

A/476

P.W. DEPARTMENT.

Papers to be read in Proceedings :—

58

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Current No. 9364 of 1897, dated 18th September 1897 from The S.E. V circle
" " 432 " 1898, " 14th January 1898, " —do—
" " " 189 , " "

B & R
Civil

ORDER.

G.O. N-938 W 6.4.98

A.54
5.4.98

The estimate amounting to Rs 6.600, for erecting a store shed in the P.W. stores at Madras is sanctioned.

2 This sanction has been registered as Provincial No 2 W of 1898–99 and classified as "Civil Buildings, Original Works".

Dr.
4/4/98 for W

Note_ In G.O. No 3131 W dated 5th December 1895, an estimate of Rs 13.100 was sanctioned for constructing a customs godown at Negapatam in the Tanjore District. The Collector of Tanjore having subsequently reported that a godown 230 feet long was not required for the port of Negapatam as its trade was steadily decreasing, it was decided to construct

T/B.

D 19/4/98

To
The S.E. V circle with 3 enclos
- Exar. P.W. Accts

P. W.
500—27-1-98.

Construct the godown at one-third of the size ~~of~~ ~~the building~~ originally sanctioned. A revised estimate for Rs 5.700 was accordingly sanctioned in G.O. No 3671 W dated 19th December 1896, but the expenditure up to that date having been Rs 9.436, the Suptg Engr was directed to submit proposals for the utilisation of the large amount of iron work supplied in excess of requirements. In reply the Suptg Engr stated that it would be advisable to build the shed at Negapatam as originally estimated for instead of leaving the materials at site and allowing them to deteriorate. The Suptg Engr was asked to ascertain and report whether the materials could be used in the West Coast Dn where a number of Customs sheds were about to be erected. The reply was that the materials at Negapatam were for a much larger warehouse than any sanctioned for the West Coast Dn. The Suptg Engr was then directed to leave the materials where they were and to circulate a list of them to Suptg Engrs of neighbouring circles to see if any of the materials were required. The Suptg Engr reported that a new shed would be exceedingly useful in the P.W. Workshops and that the materials of the Negapatam shed might be put up at the shops until they were required elsewhere. The Suptg Engr was directed to submit an estimate of the cost of erecting a shed at the Workshops

and

UP

and an estimate of Rs 990 was accordingly received, but as the outlay on the Negapatam shed exceeded the sanctioned revised estimate, the Suptg Engr has now submitted a complete estimate for the shed at the Workshops including the cost of ~~the~~ materials transferred from Negapatam. As a shed at the Workshops would, as reported by the General Superintendent, be very useful, the estimate is recommended for sanction. The technical details are given in the accompanying technical note.

Conry
Dist
4/4/98 for W

Maj

Public Works Department.

Current No. 432

Letter No. 21 W

Dated 14th Jany 1898

From the S.E. V Circle.

438W

NOTE BY TECHNICAL SECTION.

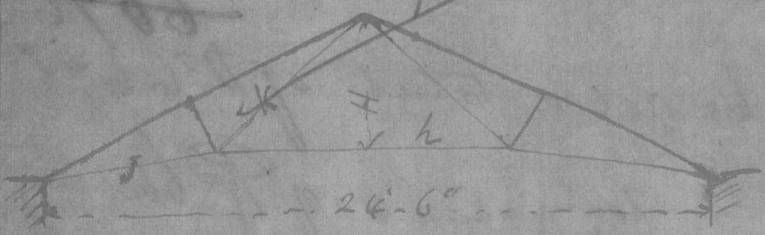
Name of work Erecting a Store shed in the P.W. Stores at Madras.

Amount of Estimate Rs 6,600,

With reference to this office memo, No. 4137C dated 11th Novr. 1897 the SE V Circle, submits a plan with a fresh estimate, for constructing a store shed in the P.W. Stores at Madras, by utilising the surplus materials of the Negapatam Customs godown in lieu of the estimate, amounting to Rs 990, submitted with his No. 377 W dated 18th Sept 1897.

The shed will be 140 feet long and 25'1" wide interior dimensions and built of old S.I. Rail uprights placed 10 feet apart, embedded in concrete foundations 3'×3'×4' and enclosed with corrugated iron walling to a height of 7 feet. The roof will be of corrugated iron supported on iron trusses & angle iron purlins, as shown on plan, and the floor laid with 3 inches of gravel well watered & rammed.

Provision has been made for two iron gates 6 feet wide fitted to wooden uprights on each side of the shed also



Ironwork of roof. Span 24'-6"

	Allowed	What would suffice
Rafter T-iron	$3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{3}{8}''$	$2\frac{3}{4}'' \times 2'' \times \frac{3}{8}''$
h	$\frac{3}{4}''$ dia:	$\frac{3}{4}''$ dia:
J	1" "	1" "
k	$\frac{3}{4}''$ "	$\frac{3}{4}''$ "
Should $\frac{H}{\lambda} = \frac{5}{5}$	~~7 ft~~" 7ft clear	4.9' say 6 feet.
Rise of tie rod $= \frac{3}{30}$	1st clear	9.8"

The T-iron rafter is perhaps made $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{3}{8}''$ instead of $2\frac{3}{4}'' \times 2'' \times \frac{3}{8}''$ to allow for the weight of the ventilator.

The design may be passed.

21/3/98.

W. The estimate of Rs 990 did not include the

[P. W. 60 / 250—30-9-97.]

[P. W. / 500—27-1-98.]

for the carriage & fixing of the surplus materials.

The rates are fair for masonry works & those for labour charges which are entered in lump sums, cannot be checked.

The value of the surplus iron materials of the Customs godowns is entered at Rs 5286.

21.3.98.

following items:—

Cost of materials	Rs 5286
Iron doors - - -	" 200
Carriage of materials	" 200
	Rs 5686

To which if we add, for contingencies " 990

~~6676~~

we get a total of Rs 6676

∴ the estimate of Rs 6600 may be sanctioned.

C. H. W.

25/3 98.

25.3.98

B
25.3.98.

Public Works (1898) Department.

CURRENT No. 432

Order

for sanction

21.3.98

From The Supg Engineer, V Circle

No. 21W

Dated 14th January 1898

Received 18.1.98

Enclosures ~~2~~ 3 (1 Plan)

Spare copies

SUBJECT.

Storeshed in the Public Works Stores at Madras with surplus materials of the Negapatam Customs godown.

Submits the plan & estimate for constructing a — for sanction, to adjust the expenditure in question.

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.
3501W	15-12-97 (S.C)		
4137C	11.10.97		
929D	26.7-97		
428D	3-6-97		
787C	8-2-97		
452C	23.1.97		
3671W	17.12-96		
4341C	23.11.96		
497E	30.9-96		
790C	16-9.96 (S.C)		
3074C	18 8-96		
561W	14.2-96		
3131W	5-12-95		
1007W	17. 4-94		
4142C	17.12-94		
2786C	20-9.95		
~~3131W~~	~~5-12-95~~		

No. 21W

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Camp Rajanapakam
~~Chepâk~~, 14 January 1898

From
Colonel. C. C. Rawson R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

2 P

To
THE Chief Engineer
Public Works Department,
Madras.

2. Enclosures.
1. Plan
1. Estimate

SIR,

Adverting to item 20 in G.O. No: 3501W dated 15. Dec: 1897, communicating Government of India letter regarding taking necessary action for the early adjustment of the objectionable items in the accounts of Provincial Civil Works, I have the honour to report that against the estimate of Rs 13,100/- for constructing Customs godown at Negapatam, sanctioned in G.O. No: 3131 W dated 5. Dec: 1895 an outlay of Rs 9815 has been incurred up to end of November 1897 in the collection of materials required for the godown.

2. A revised estimate of Rs 5700/-

having

500—31-3-97.

having been since sanctioned, vide G.O. No: 3671 W dated 17 Dec: 1896, materials to the extent of Rs 4529 only can be utilized on it, thus leaving materials of the value of Rs 5286 as surplus.

3. The plan and estimate for utilising the surplus materials in the manner suggested in my letter No: 257 W dated 17 July 1897 and called for in your Memo: 4137 C d/11-10-97, are herewith submitted for sanction. When this estimate is sanctioned and the materials transferred thereto, the excess outlay in question will be adjusted.

I have the honour to be,
Sir,
Your Most Obedt. Servant.

12/1/98 Colonel R.E.
Supt: Engineer V Circle.

Public Works (1897) Department.

CURRENT No. 9364

Order

From The Supg Engineer
5th Circle

No. 377 W.

Dated 18/20 September 1897.
Received 21-9-97
Enclosures 2.
Spare copies

SUBJECT.

Erecting at the P.W. Workshops a shed with the Surplus Materials obtained for Customs Godown at Negapatam,

Reporting that the cost of - will be Rs 990 -

D.W.
For orders
24/9/97
T.
o.L.5496
R 29/9
0/29/9/97
23-9-97
R 25/10
0/6/10/97
R 11/10

BACK PAPERS.

G.O.	No.	Department.	Date.
	3671 W	P.W.	19-12-96
	929 D	"	26-7-97
	428 D	"	3-6-97
	452 C	"	23-1-97
	787 C	"	8-2-97
	4341 C	"	23-11-96
	407 E	"	30-9-96
	790 R	"	16-9-96
	3074 C	"	13-9-96
	561 W	"	14-2-96
	3131 W	"	5-12-95
	2786 C	"	20-9-95

FURTHER PAPERS.

G.O.	No.	Department.	Date.

E. 120,
50,000—6-6-96.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents	Total Quantity of each description of Work
1	2	3	4	5	6	7
Estimate of the probable cost of putting up the [illegible] shed [illegible] in the [illegible] with the materials that cannot be utilized for the [illegible] sanctioned in G.O. No. 3671 W, 19th Dec 1896.						
Excavation						
For foundation to Rail uprights	30	3'-0"	3'-0"	4'-0"	1,080 ✓	1080 cft.
Concrete						
For foundation to uprights	30.	3'-0"	3'-0"	4'-0"	1,080 ✓	
Between Do for retaining walls	28	7'-6"	2'-0"	0'-9"	315 ✓	
Do Ends	2	22'-1"	2'-0"	0'-9"	66 ✓	
Total Cub: feet					1,461	1461 Cub: Ft.
Brick in chunam						
Retaining walls around the Sheds	2	150'	1'-3"	0'-9"	281 ✓	
Do Ends	2	23'-10"	1'-3"	0'-9"	45 ✓	
Total Cub: feet					326	326 Cub: Ft
Plastering retaining wall	2	150'	2'-9"		825 ✓	
Do Ends	2	23'-10"	2'-9"		131 ✓	
Total Cub: feet					956	9.56 sqrs
Flooring with 3" Gravel watered & Rammed	1	147'-6"	23'-10" ~~21'-4"~~		3147	31.47 sqrs
Labour for fixing 30 Double Rails	L	S			Rs:	15
3106 lbs Labour for Wrought Iron work	L	S			Rs:	150
136 sqrs: Do for Corrugated Iron for roofing	L	S			Rs:	150
Railway charges for conveying 30, Double ~~30~~ rails from Negapatam Ry station to P.W. Workshops at Madras, including charges for certain loading and unloading work &c	L	S			Rs:	200

[illegible]
13-9-97.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet			Area or Contents	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7

O.W.S.1
9364/97

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		RS.		RS.	RS.
	Estimate for [illegible] Sanction [illegible]				
1080 Cft	of Excavation for foundation to Rail Uprights	4-10-	Cub Ft 1000	5	
1461 —	of Concrete Do. — Do.	15 —	100 Cft	219	
326 Cub Ft	of Brickwork in Chunam	16-8-	100 —	54	
956 Sqr ft	of Plastering	2-8-	Sqre	24	
31½ Sqres	of flooring with 3" gravel, watered and rammed	3 —	Sqre	94	
	Labour for fixing 30 double Rails	L	S	15	
31067 lbs	— Do. — Wrought iron works	L	S	150	
136 Sqres 87	Do. Corrugated iron for roofing	L	S	150	
	Railway charges for conveying 30 double rails from Negapatam Railway station to Madras, including charges for certain loading & unloading works &c	L	S.	200	
				911	
	Contingencies			79	
	Total Rupees			990	

13-9-97.

Grand Total of Estimate Rs: 990

STATION Madras
Date 13th Septr 1897.

H Moss
Executive Engineer.

Col. R.E. Genl. Supdt., W. Workshops
13.9.97

18/9/97
Supg. Engr. I circle.

(E. No. 123.)

50,000—6-1·96.

SUPERINTENDING ENGINEER'S OFFICE
No. 1/346 Pw.
16 SEP 1897
V. CIRCLE, P. W. D., MADRAS.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

PWE-2
9364/87

REFERENCES.

No. 377 W.

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepâk, 18/20 September 1897

From
Colonel C. Rawson R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

1P

To
THE Chief Engineer
P.W. Department

SIR,

Enclosures. 2
1 Detailed Estimate
1 abstract do
2

With reference to your memorandum No 929 D. dated 26th July 1897, I have the honour to report that the cost of erecting at the P.W. Workshops a shed with the surplus materials obtained for the Customs godown at Negapatam will be Rs 990/. as per enclosed estimate. A new shed is much required at the Workshop and it is requested that this estimate may be sanctioned, if possible.

I have the honour to be
Sir
Your most obedt. Servant

Col R.E.
18/9/97
Supdg. Engineer 5 Circle

500—31-8-97.

17.9.97

500—27-1-98.