M.R.O. 1—77,006—8-6-37.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Reference _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No.	1514	Press / Mis.
176-77 Dated	9 — 8 —	1861.

Not to be folded or roughly handled

10

Proceedings of the Madras Government, Public Works Department, 9th August 1861.

No. 176. Read the following letter from Lieutenant-Colonel W. I. BIRDWOOD, Deputy Chief Engineer in charge of Central Office of Public Works, to J. D. SIM, Esq., Secretary to Government, dated Chepauk, 13th July 1861, No. 2,624 :—

SIR,

1. With reference to the last clause of paragraph 2 of Colonel Horsley's letter, No. 644, dated the 18th May last, I have the honor to forward for submission to Government a specification and estimate, amounting to Rupees 2,400, for repairing the Steam Dredge at Paumben in the District of Madura.

1 Letter from District Engineer, No. 136, dated 4th June 1861.
1 Specification.
1 Abstract estimate.

2. As a full report* on the condition in which the Steam Dredge was received back from Ceylon has already been submitted to Government, it is scarcely necessary for me to add any thing further on the subject. I would only observe, that as the pay of the crew with the interest on the value of the Dredge and a large portion of the establishment charges are of course going on, it seems desirable that the earliest possible sanction should be given for the expenditure of the amount, Rupees 2,400, out of the reserve fund for 1861-62.

* No 107, dated 3rd May 1861.

3. The estimate has been duly examined in this Office and the value of such materials, &c., as the District Engineer was unable to furnish has been included.

No. 177. ORDER THEREON, 9th August 1861, No. 1,514.

Under the circumstances stated in this letter, the estimate of (2,400) two thousand four hundred Rupees submitted therewith, for repairing the Paumben Steam Dredge, is sanctioned for immediate execution out of the reserve fund of the District of Madura for the official year 1861-62.

(Signed) J. D. SIM,
Secretary to Government.

Returned Over 249

30

Central Office P.W.

No 2624. Cheyeruck. 5th July 1861

Read the following letter

From

Lieutenant Colonel W.A. Birdwood

Dy Chief Engineer in charge

Central Office P.W.

Public

To.

J. D. Sim Esqre.

Secretary to Government P.W.D.

dated

Fort Saint George 13th July 1861

Sir.

1 Letter from Dist. en. No 156 dated 4th Jan 1861.
2 Specification & Estimate

With reference to the last clause of para 2 of Colonel Horsley's, letter, No 644, dated the 13th May last, I have the honor to forward, for submission to Government, a Specification and Estimate, amounting to Rupees 2,400, for repairing the Steam Dredge at Paumben, in the District of Madura.

+ No 107 dated 3rd May 1861

2 As a full report on the condition in which the Steam Dredge was

Carried Over 279

was received back from Ceylon has already been submitted to Government, it is scarcely necessary for me to add any thing further on the subject. I would only observe, that as the pay of the Crew, with the interest on the value of the Dredge, & a large proportion of the Establishment charges are of course going on, it seems desirable that the earliest possible sanction should be given for the expenditure of the amount, Rupees 2,400 out of the Reserve Fund 1861-62.

3

The Estimate has been duly examined in this Office and the value of such materials &c as the Dist. Civil Engineer was unable to furnish, has been included.

Central Office PW
Chepauk
13th July 1861

I have the honor to be
Sir
Your most Obedt Servt

A. B. Stroll
for 2nd Dep. Chief Engineer

Dy Chief Engineer in charge C Office PW

5a

Specification to accompany an Estimate for Repairing Steam Dredge at Pamben in Madura District

Amount of Estimate Rupees (2400) Two thousand and Four hundred Comprising the following Items-

	Caulking Hull and Deck			3-0-0
91	Cubic Ft. Teak Deck wrought and put up	Ft.	1-4-0	113-12-0
9	Do. Teak Wood wrought and put up	Do.	2-0-0	18-0-0
2,200	Sqr. Ft. Planking to Dredge	Sqr.	1-0-0	22-0-0
	Fitting up Engineers room with Doors &c		0-0-0	15-0-0
	Removing and Refitting Fore and Aft Chain Cable Sheaves		0-0-0	50-0-0
	Taking Bucket ladder ashore Refitting and putting up		0-0-0	50-0-0
Yards	Canvas for Skylight	Yd	0-4-0	7-8-0
30.	New Buckets			
60.	Links for Do.			
60	Shackles for Do.			
60	Bolts and Keys for Do.			
15	Rollers			
30	Brackets for Rollers			
60	Bolts and Nuts			
4	Tumbler Cheeks			
16	Do Ribs			
30	Do Bolts			
			Carried Over	279-4-0

Carried Over 279

Brought forward	270-4-
2 Bucket Ladder Connecting Pipes	
8 Bolts and nuts for Do	
1 Funnel	2,000-0-0
6 Do Stays	
1 Air Pump Bucket	
1 Ladder Rest	
20 Do Pins	
60 Bolts and Nuts for Roller Brackets	
2 Oil Feeders	
2 Dam Horns	
Contingencies at about 5% Cost	120-12-
Total Rupees	2600-0-

Caulking to Deck and Hull can be done by Bridge Lascars, Estimate only allows for price of Oakum and Fibre.

New Planking is required on Deck at the Chain or Cable Drums, a Cook house for the Crew, Platform to Engine Room and in front of Furnace, Waterways Crews Berth and Long Boat all require Sundry Repairs.

A New Round Beam is required as a Support to the large Cross Beam on deck, it having Sagged in the Middle.

Bridge

Ladge requires to be Scraped and pounded, this Can also be done by the Crew.

The Fore and Aft Sheaves are Corroded and are of no Service, they must be removed and repaired.

Bucket Ladder to be taken ashore to undergo thorough repair.

New Cover required to Skylight over Engine Room.

[illegible] Lieut Colonel
Dy Chief Engr in Charge of
Central Office of P. Works.

Carried Over 270

(Repair 6)

PUBLIC (ROADS)

ABSTRACT of Estimate No. of 186 .

ROAD No. 92

DISTRICT Madura

WORK Repairing Steam Dredge at Pamban.

Quantities.	Description of Work.	Rate. Rs.	A.	P.	Amount. Rupees.	Amount of each part. Rupees.
	Caulking Hull and Deck	"	"	"	3	
91	Cubic Ft. New Teak wrought and put up @ 1 Ft.	1	4	"	114	
9	Do Teakwood Do Do Do	2	"	"	18	
2200	Sup. Ft. Painting to Dredge @ Re 1				22	
	Fitting up Engineers room with doors &c.	"	"	"	15	
	Removing and Refitting Fore and aft Chain Cable Sheaves	"	"	"	50	
	Taking Buckets ladder ashore Refitting and putting up	"	"	"	50	
30	Yards Canvas for Skylight @ Yd	"	1	"	7	
30	New Buckets					
60	Pins for Do.					
60	Shackles for Do.					
	Carried Over					271

Reference in a letter from the Collector of Ramnad dated 13th Aug 1870

Specification & accompany an Estimate for Repairs to Steam Dredge at Pamban

No. 1870

Quantities.	Description of Work.	Rate. Rs.	A.	P.	Amount. Rupees.	Amount of each part. Rupees.
	Brought forward				279	
60	Bolts and Keys for 2o					
15	Rollers					
30	Brackets for Rollers					
60	Bolts and nuts					
4	Lumber Chocks					
16	2o Bolts					
30	2o Bolts	"	"	"	2.000	
2	Buckets Ladder Connecting Eyes					
8	Bolts and nuts for 2o					
1	Flannel					
6	2o Strops					
1	Iron Pump Bracket					
1	Ladder Hoist					
20	2o Irons					
60	Bolts and nuts for Roller Brackets					
2	Oil Feeders					
2	Lanthorns					
	Contingencies				121	
	Total Rupees				2400	

Central Office of the Chief Engr 13th July 1861

Lieut Colonel
Dy Chief Engr in Charge Central Office

Enclosure

In a letter

D.D. 1605/61.

Steam,

The Dep.t Chief Engr.
in Charge Bureau Offic
D.D.

To / The Secretary to Govt
D.D.

Dated 13th. July
Received July 4/61.

No. 2624

Abstract Estimate for
Repairing the Steam Dispr
and Pneumatics in the Destroyer
of Medusa - Amounting
to Rupees 2400 - -

Rec'd No 1016 & 1140 /61

9 Aug 1861 — 1 Sheet

No 176 & 177.

23 Aug 26

P.W. 1861 Dept
Rec'd from Chief Engr
(19) No 1605.

From
Lt Col Jr J Badwood
Chief Engineer
in charge Office PW

To
J Dein Esqr
Secretary to Govt
Public Works Dept

Enclosed with Estimate

Dated 13th
Rec'd 15th July 1861.

£ 2624

Submitting for sanction
an Estimate amounting
to Rs 24,00 for repairing
the Steam Dredge at
Paumben in the
District of Madura.

With an Order
No 1514. 9th Augt

3 No 1574

Under the circumstances
stated in this letter, the estimate
of £2405 two thousand four hundred
rupees submitted therewith, for
repairing the Paumben steam
dredge is sanctioned for immediate
execution out of the reserve fund of
the district of Madura for the
P.W. Offe year 1861/62.

From Wm George
9th Augt 1861.

13 Copies
To

The Chief Engineer with an Encl.
3 " Accountant General
3 " Civil Paymaster.