

(1) Number of pages_____

(2) Date of repair_____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	706 C	Press
B.P. No.		Mis.
Dated	12-3-	1875-195-

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
12th March 1875.*

No. 330E. Read the following letter from Major J. BEATTY, R E, District Engineer, Godavery, to Lieutenant-Colonel J MULLINS, R E, Chief Engineer for Irrigation, dated Dowlaishweram, 17th February 1875, No. 3,566:—

I HAVE the honor to submit, herewith, an estimate, amounting to Rupees 2,167, for special and ordinary repairs required to the steamer *Thistle*.

1 Estimate
1 List

2. This steamer was rebottomed in 1867-68, but at that time her bilge plates were in tolerable order, and were therefore not renewed. The bilge plates are now quite worn out, and the present estimate provides for renewing them, repairing the woodwork of the deck and cabin where required, docking, caulking, painting, and refitting the engines.

3. If funds for this work cannot be provided in the present year, I request you will be so good as to arrange for the amount being placed at my disposal on 1st April. The work will now be proceeded with at once, but payments can, if necessary, be deferred until the beginning of next official year.

4. With reference to instructions given in G. O., No. 3,471, of 10th December 1874, I send, herewith, a list of the rates at which work is now charged for at the Workshops, inclusive of the authorized Workshop centage to cover cost of establishments, &c.

K.M.S

No. 330r. ORDER THEREON, 12th March 1875, No. 766C.

ACCOUNT, No. 22A.

THE estimate of Rupees 2,167 for special and ordinary repairs to the steamer *Thistle*, belonging to the Goda-

very Delta, is sanctioned, and the District Engineer will proceed with the repairs reporting the probable expenditure within the current official year, when an allotment will be made from savings from other districts.

2 The schedule of rates will be transmitted to the District Engineer, Presidency, with a view to the rates prevailing in the Public Works Workshops at Madras being shown for the same descriptions of work. It is observed that the rates do not correspond with those entered in the abstract estimate of the *Thistle*, e.g., the rate for wrought iron is Annas 3 in the schedule and Annas 2-6 in the estimate, painting Rupees 4 3-0 in the former and Rupees 3-8-0 in the latter; and it is evident that the schedule to be of any use must be based upon the same data as are the estimates.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Godavery
" Chief Engineer for Irrigation
" Controller of Public Works Accounts
" District Engineer, Presidency, with Schedule of Rates.
Exd S. T. Austin.
Spare Copies

WORK

For Repairing Steamer "Histle" - 3

Particulars of Work.	Number	MEASUREMENT			Square or Round Feet	Length per Foot	Cubic Contents
		Length	Breadth	Thk			
1	2	3	4	5	6	7	8
<u>Iron Work</u>							
Bridge plates	2	9'	2-10	1/4"	51 9/16		
Heel plates for both ends	2	6'	2-11	1/4"	21 1/2		
Cover Plates	50	2-10	11-11	1/4"	47 1/8		
Flooring Plate on front of boiler	1	6-11	8-11	1/4"	18		
					638 5/8	10	6388
Plates for repairing bulk Heads	3	12-11	1-6	1/8"	54	5	270
Reinforce of	6000	2"	1/2"	diam	1000	3/4	750
W. of	500	2"	3/8"	"	85 1/8	7/16	36 1/2
Bolts with washers for holding ribs each	64	9"	1/2"	"	48	3/4	36 1/2
							7180 1/2
<u>Teak Wood Work</u>							
Deck planking on both sides of engine room and cabin	2	48-6	3-11	1 1/2"			36-1-5
Ribs to put on iron ends	68	3-11	11-2	1"			2-10-11
Deck planking on Bow	1	14-11	10-11	1 1/2"			17-2-11
Ribs for B.	16	10-11	11-4	1-2"			8-10-8
Deck planking on Stern	1	25-11	12-11	1 1/2"			37-6-3
Ribs for B.	16	11-11	11-4	1-2"			9-9-4
Planks for gratings near Paddle Boxes	40	5-11	11-4	1"			5-6-8
							118-5-2

Packing and Clearing Engine.	
Caulking	Rpts 2400
Painting inside and outside of the Hull	Sqrs 40
Cabin to be Varnished	" 15
Dungy Cloth for Cabin top	Sqrs 20
Docking and Launching	

Quantity	Description of Work	Rate	Amount	Total
1	2	3	4	5
7480 1/2	lbs Wrought iron work at	" 2.6	1168 13 3/4	
	Repairing & Clearing	" - -	20 " " "	
	Engine including materials			
118 1/2	Cpts Teak wood work - cpts	2.8 "	2964 " "	
2400	Rpts Caulking - Rpts	3 " "	72 " " "	
40	Sqrs Painting inside & outside			
	of the Hull - at	3.8 "	116 " " "	
15	Sqrs Varnishing cabin at	4 " "	60 " " "	
20	Sqrs Dungy Cloth for			
	Cabin top @	" 4.9	515 " "	
	Drawing line & cables for		2 " "	
	Docking and Launching -		40 " "	
				1805 " 3
	Contage @ 20 per cent			361 15 9

Total Repairs 2167 " "

L. Beatty Major R.E.
District Engineer Godavari
Dowlaiswarum - }
Govt Workshop Office }
23rd January 1875 - }
in charge Govt Workshop
Super Condor
Sub Engineer

District Engineer's Office Godavari
 No. 3566 Dowlaishweram 17 February 1875
 From

Major J. Beatty W. C.

District Engineer Godavary.

Lieut. Colonel J. Mallins R.E.

Chief Engineer for Irrigation.

Sir,

I have the honor to submit herewith an estimate amounting to Rupees 2167 for special and ordinary repairs required to the Steamer "Thistle". This Steamer was rebottomed in 1867/68 but at that time her bilge plates were in tolerable order and were therefore not renewed. The bilge plates are now quite worn-out, and the present estimate provides for renewing them, repairing the woodwork of the deck and Cabin where required, docking, caulking, painting and refitting the engines.

engines.
3. If funds for this work cannot be provided in the present year I request you will be so good as to arrange for the amount being ² placed at

placed it
in the

From
 The Office of the
 Mayor of New York
 To the Hon. Board of
 Education
 In answer to
 a Resolution
 of the Board of
 Education
 Passed at a
 Meeting of the
 Board of
 Education
 Held at the
 City Hall
 On the 12th
 Day of
 March 1875
 The Mayor
 John A. B.

placed at my disposal, on 1st April. The work will now be proceeded with at once, but payments can if necessary be deferred until the beginning of next official year.

4 With reference to instructions given in G. O. No 3471 of 10 Dec 174 I send herewith a list of the rates at which work is now charged for at the workshops inclusive of the authorized workshop centage to cover cost of establishments.

I have the honor to be
Your Most Obedient Servant.

W. B. Peatly Major R. E.
District Engineer Co. Kanary.

Comptroller

PHD 11

King of the Natchas Government.
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By W. 1875 Sept.
From
The District Engineer
Godavery -

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The Chief Engineer
for Irrigation
Madras.

Dated 17th February 1875 }
Received 25th — — — }
£. 2 ✓
No. 356.6

Submitting an estimate
for thorough repairs to the
Steamer Whistler.

G.O. Ho-Val, 12-3-75

Proceedings of the

From the St. Engineer
Podavay, -

Y. C. no. 706.C. of 12 March 178

10/17/21

The estimate of Rupees 2,167 for special and ordinary repairs to the Steamer This the belonging to the Godavery Delta, is sanctioned and the District Engineer will proceed with the repairs re-
-porting the probable expendi-
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Official year, when an allot-
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Completed

District Engineer, Presidency,
with a view to the rates
prevailing in the Public-
Works Workshops at Madras
being shown for the same
descriptions of work. It is
observed that the rates do
not correspond with those
entered in the abstract Esti-
mate of the Thistle e.g. the
rate for wrought iron is 3
Annas in the schedule and
2½ Annas in the estimate; painting
4-3- in the former and
3½ Rupees in the latter, and
it is evident that the schedule
to be of any use must be
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as are the estimates.

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To the D. & A. Co.
- Chapin
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Govt. of 1875: Madras.

PUBLIC WORKS.

2^a Brit Engineer—
Godavary—

N.C.

Dated

Recd.

Enc. 1

G. O. 12th March 1875. No. 70

Nos. 330 E-3307.

Steamer Thistle

The Estimate of Rs. 2167
for special and ordinary
repairs to the Steamer same
with certain instructions,
and the schedule of rates
~~transmitted~~ of iron work
work in the S.S. Workshop
at Nowaiyuram trans-
mitted to the S. D. Secy
to consider with remarks.

N 330 E-3307.