

Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No. 2288

DATED 6th May

[Despatch Abstract.]

Ref^d B^o from to report why the "scientific instruments" referred to in its present incident were not included in the forecast submitted by it with its Pros. No. 356
18-9-96.

BACK PAPERS.

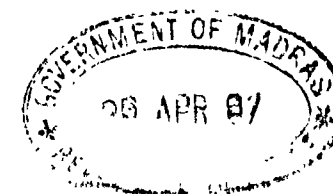
G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

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

Revenue (1897) Department.

CURRENT No. 3562



From

The Board of Revenue,
Land Revenue.

List

Order *misc No. 2288 of 6th May '97.*

The Board will be requested to report why the "Scientific instruments" referred to in the present indent were not included in the forecast submitted by it with its Progs No 356 of 18th Sept 1896

No. 96.

Dated 25th March 1897.

Received 29.4.97

Registered 5.5.97

Enclosures 3

Spare copies

SUBJECT.

Submitting the indent for articles forecasted for 1897-98 for transmission to the Secy. of State.

The Board of Rev. : R.R.
11-5-97

Wm
5.10.97

H.C.
15-5-97

BACK PAPERS.

G.O.	No.	Department.	Date.
25	4376	N.	7/1/77

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Description.

The Differential Forest Rain-Gauge consists of two rain-gauges placed side by side in a box and similar in all respects except in the diameter of the receiving funnels. These measure 3.321 & 2.349 inches respectively so that the area of the one is double the area of the other and the amounts of water collected in a fall of 1 inch of rain are 5 oz and 2½ oz respectively.

The funnels are of the usual shape but they screw on by coarse screws to brass caps cemented on to the tops of large glass bottles. The only openings to the bottles are the tubes $\frac{1}{10}$ inch in diameter through which the water enters and the air holes $\frac{1}{32}$ of an inch in diameter shown in the drawing. The caps must be firmly cemented to the necks of the bottles with a cement that will stand the weather. A good cement for the purpose is made of equal parts of resin and bees wax melted together and thickened with red-lead.

The bottles are roughly graduated by marks on the glass so as to correspond to complete fills of the measuring glass i.e. 10 oz. That is the level at which 10 oz stands is marked 1, 20 oz 2, 30 oz 3 &c. The marks should be scratched on the glass and also painted on.

The two bottles are placed side by side in a box made of zinc sheet with a sliding lid which when in place prevents the bottles from being removed. This lid should be provided with a lock, and inside the box should be placed a wire for clearing the air holes and tubes. The tops of the two funnels must be on the same level. On the bottom of the box there

should.

APPENDIX.
 INDENT for Articles on the Secretary of State for India.

Name of Article.															
1	2	3	4	5	6	7	8	9	10		11	12	13	14	
										Value	Remarks.	Shipped or under provision.	Proposed to be provided.	Remarks by the Director-General of Stores.	
										Of number or quantity due on previous indents.	Of number or quantity now indented for.				
<i>Brass.</i>															
1. Scales weighing Rs. 1,000 at a time	..	..	..	..	..	..	3	£ 2. 2	..	£ 2. 2	..	..	..	..	
2. Do. 100 - do.	..	..	..	..	..	..	4	0 0 0	..	15 0 0	..	..	..	..	
3. Do. 500 in small silver coins	..	..	..	..	..	..	1	0 0 0	..	4 0 0	..	..	..	..	
<i>Machinery and Plant.</i>															
4. High pressure pump to be worked by means of a Pelton water wheel and to deliver 100 gallons of water per hour into a tank 450 feet above the place where the pump will be placed and at a distance of 2,600 feet from it in a straight line, inclusive of all fittings and delivery piping, 1½" in diameter of One hundred and fifty feet of delivery piping, 1½" in diameter of different lengths	..	..	..	..	..	..	..	99 0 0	..	99 0 0	..	..	..	..	
5. Six main cocks or taps, 1" in diameter	..	..	..	..	..	..	..	3 0 0	..	3 0 0	..	..	..	..	
6. Four 1" Tees	..	..	..	..	..	..	..	1 0 0	..	1 0 0	..	..	..	..	
7. Thirteen 1½" elbows	..	..	..	..	..	..	..	0 6 6	..	0 6 6	..	..	..	..	
8. Four 1" Tee	..	..	..	..	..	..	..	0 2 0	..	0 2 0	..	..	..	..	
9. Materials for one iron tank to be 6' X 6' X 2' and ¾" of an inch thick. No top or cover required to it	..	..	..	..	..	..	..	5 0 0	..	5 0 0	..	..	..	..	
10. One hand log saw, complete with all fittings, capable of sawing logs 24" long and 36" in diameter.	..	..	..	..	..	..	..	191 5 0	..	191 5 0	..	..	..	..	
11. Feed carriage with all necessary gear, belting, fittings of a suitable description.	..	..	..	..	..	..	..	24 0 0	..	24 0 0	..	..	..	..	
12. Six spare saws, about 3" broad	..	..	..	..	..	..	..	41 0 0	..	41 0 0	..	..	..	..	
13. One Pelton water wheel, 3' 6" in diameter, complete with shaft, pulleys, bearings and patent valve	..	..	..	..	..	..	..	87 10 0	..	87 10 0	..	..	..	..	
14. Three hundred and fifty feet of wrought iron piping, 9" in diameter, with connections	..	..	..	..	..	..	..	185 0 0	..	185 0 0	..	..	..	..	
15. Two thousand and two hundred yards of best flexible steel rope, 2½" in circumference	..	..	..	..	..	..	..	36 0 0	..	36 0 0	..	..	..	..	
16. Two thousand and three hundred yards of best flexible steel rope, 1½" in circumference	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
<i>Scientific Instruments.</i>															
17. Rain-gauges of 60" capacity (of Mr. Michie Smith's differential pattern, manufactured by Messrs. Cassella Co., London)	..	..	..	..	..	..	4	Not known.	..	Not known.	..	..	..	..	
18. Preseler's Zinwack's Bolters -	..	..	..	..	..	..	4	4 0 0	..	4 0 0	..	..	..	..	
(a) For soft wood	..	..	..	..	..	..	7	0 17 0	..	5 19 0	..	..	..	..	
(b) For hard wood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Add 2 per cent. for departmental charges	..	..	..	..	..	..	..	..	..	704 2 6	..	..	..	..	
Add 1 per cent. for insurance	..	..	..	..	..	..	..	..	..	14 1 8	..	..	..	..	
Total	..	..	..	..	..	..	..	..	..	725 6 0	..	..	..	..	

Board of Revenue, Land Revenue Department,
Madras, 25th March 1897.

Secretary.

Board of Revenue, Land Revenue
 Department,
 Madras, 25th March 1897.

Secretary,
 Madras

BOARD OF REVENUE (LAND REVENUE), No. 96, 25TH MARCH 1897.

Should be two raised rims into which the bottles fit.
 The funnels must be very accurately of the sizes given and each gauge should be provided with two accurate 10 oz measuring glasses graduated to ounces and half ounces.

The bottles must be large enough to hold 300 ounces of water or 7 1/2 quarts

Chichester
 Govt. Astronomer

RECEIVED OF FOR...
 No. 1522 of 1896

2177

2
 2177

2
 2177

PROCEEDINGS OF THE BOARD OF REVENUE
(LAND REVENUE).

READ—Indents on the forecasts of stores from Collectors, &c., for 1897-98.

RESOLUTION—No. 96, dated 25th March 1897.

The Board submits to Government, for transmission to the Secretary of State, the usual indent, in quadruplicate, for articles of European manufacture which will be required in 1897-98.

2. The indent comprises also the machinery required in connection with the timber operations at Mount Stuart on the Anamalais. Mr. Gass, who is now in England, has been specially deputed to select the plant after personal examination—*vide* Government Order, Mis. No. 5333, Revenue, dated 24th December 1896.

(True Extract.)

Ree
Secretary.

To the Secretary to Government, Revenue Department,
with indent in quadruplicate and two enclosures ✓

„ all Collectors.
„ the Conservator of Forests, Northern Circle.
„ the „ Central Circle.
„ the „ Southern Circle.
„ the Forest Section.

REVENUE DEPARTMENT.

1897.

Board of Revenue

(Land Revenue),

MADRAS.

Printed April th.

Proceedings, No. 96, 25th March 1897.

MARCH.

Submitting to Government, with remarks, the indent for articles forecasted for 1897-98 for transmission to the Secretary of State.

When given for copying _____
When copied _____ } 189.
When examined _____
When signed _____

READ AGAIN G.O., No.
189

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT

STATEMENT WITH DETAILED

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
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