M.R.O. 14—10,000—21-4-32

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 1653 Press ~~Mis.~~

41-42

Dated 6—12— 1859.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, for the month of December 1859.

No. 41. Read the following letter from H. NEWILL, Esq., Director of Revenue Settlement; to J. D. BOURDILLON, Esq., Secretary to Government, Revenue Department, dated 30th November 1859, No. 1048.

Paragraph 1. I have the honor to submit a list prepared by the Superintendent, Revenue Survey, together with his original letter of instruments he proposes to obtain from England to meet future requirements in enlarged operations, and also in the renewal of instruments which become unserviceable from time to time by constant wear and tear. The list comprizes instruments suited for the equipment of two parties, and amounts to (£ 1,111-12-6) one thousand one hundred and eleven pounds, twelve shillings and six pence, and I have to request the sanction of Government for Captain Priestley to order the same from England as proposed, and for the disbursement of their cost in due course.

Dated 29th Instant No. $\frac{959}{178}$.

2. Captain Priestley observes, that the sanction conveyed in Extract Minutes Consultation, dated 15th February 1858, would enable him to purchase the whole of these several instruments excepting 2 large theodolites whose value exceeds Rupees 300 each; but he considers it proper to inform the Government before making purchases to so large an amount.

Paragraph 19.

3. I have further to request the sanction of Government for the transfer to the Survey department of 100 Gunter's chains and four 7 inch theodolites from the stores of the Chief Engineer, consented to by that officer, as described in Captain Priestley's letter to provide for the contemplated extension of operations in Rajahmundry and Masulipatam. The Chief Engineer makes the condition that the stock value of these articles should be paid into his office, and for this the sanction of Government is requested.

4. I beg to observe further, that the cost of instruments was not included in the estimates sanctioned for the general Revenue Survey, and that such items should, if the Government approve, be kept distinct from those which are fairly chargeable to the general fund available for the survey and assessment.

No. 42. ORDER THEREON, 6th December 1859, No. 1653.

The Director of Revenue Settlement will be requested to state, with reference to paragraph 2 of the letter from the Secretary to the Government of India communicated to him with the order* noted in the margin, whether it will not be better to procure the instruments described in this letter from Calcutta.

* *Dated 2d December* 1859 *No.* 1633.

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

Copy of a letter from the Superintendent Revenue Survey to the Chief Engineer dated 21st November 1859 No 921/301/h.

To enable me to meet an unexpected demand for Instruments consequent on the desire of Government for an extension of the Survey Establishments in the North I address myself to you and have the honor to request you will be so kind as to inform me whether you can spare the Instruments noted in the margin from your stores and also whether you will have any objection to doing so provided I obtain the sanction of Government to the arrangement.

1 Transit Theodolites
8 Theodolites 5 or 6 Inches
100 Gunters Chains.

Copy of a letter from the Chief Engineer D.P.W. to the Superintendent Revenue Survey dated 24th November 1859 No 7605.

I have the honor to state, in reply to your letter No 921/301 under date the 21st instant that the articles noted in the margin can be supplied on the sanction of Govt. being obtained, and on their stock value being paid in this office - I regret that Theodolites as applied for by you, are not available.

J. Pratt Captain
Superintendent Rev. Survey

W. W.

List of Instruments &c required by the Survey Department

No of each	Description of Articles	Cost £	s	d
30	100 Feet chains iron with arrows ——— at 1 4 "	36	"	"
200	Chains Gunters ——— Do ——— at 1 " "	200	"	"
4	Compasses beam wooden ——— at 1 15 "	7	"	"
12	——— Do ——— large with pen & pencil legs brass pairs at " 7 "	4	4	"
150	——— Do ——— Small brass pairs ——— at " 2 6	18	15	"
30	——— Do ——— Prismatic with tripod stands ——— at 3 3 "	94	10	"
12	Optical squares ——— at 1 1 "	12	12	"
12	Color boxes ——— about	9	12	"
100	Color brushes of sizes ——— about	4	14	9
40	Water brushes ———			
8	Bars steel graduated 11 feet engraved & divided into feet Inches and tenths for comparing Gunter's chains at " 5 per foot	22	"	"
50	Drawing Pens ——— at " 2 "	5	"	"
10	Road and dotting pens each 5 ——— at " 10 "	2	10	"
	at " 12 "	3	"	"
300	Drawing pins for fastening maps to boards ——— about	1	17	"
24	Plotting & offset scales (16 Inches to 1 Mile) wooden at " 5 6	6	12	"
2	Mathematical Instruments including proportional compasses in Cases at 4 4 "	50	8	"
12	Opisometers ——— at " 3 "	1	16	"
48	Protractors brass rectangular (6 ins) ——— about	7	4	"
24	——— Do ——— Ivory ——— Do ——— (6 ins) ——— at " 6 "	7	4	"
2	Rulers brass flat 3½ feet heavy ——— about	2	12	"
2	——— Do ——— 2½ feet ——— about	1	17	"
2	——— Do Ebony flat 4 feet ——— at " " 4 per Inch	1	12	"
	Carried forward	500	19	9

Continued

No of each	Description of articles			Cost £	S	D
			Brought forward	500	19	9
4	Rules Parrallel for 3 Feet Shoes with bars	at	4 per Inch	2	8	"
4	Do 1 Foot Do	at	4 Do	"	16	"
12	Do 6 Inch Do	at	4 Do	1	4	"
4	Tapes measuring 100 feet	at	18 "	3	12	"
2	Telescopes reconnoitring (Ordnance Pattern)	at	2 10 "	5	"	"
2	Theodolites 7 Inch transit	at	39 18 "	79	16	"
2	Do 5 Do	at	28 7 "	56	14	"
18	Do 5 Do Everest's pattern	at	25 4 "	453	12	"
72	Prussian blue table Sandboge each 24					
8	Light red burnt umber rack 4		about	7	10	9
48	Burnt Sienna					
			Total	1111	12	6

The prices are taken from the Catalogue of Elliott Bros. (enclosed) & from their charges in a bill for some Instruments recently required and ordered by the Superintendent a few months ago.

Rev. Survey
Superintendent's Office
Madras
29th November 1859

Frederick W. Priestley Captain
Superintendent Rev. Survey

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Revenue Survey
Superintendents Office.
Madras
29th Nov. 1859.

No 989/178

From

Captain F. J. B. Priestley.
Superintendent Revenue Survey.

To.

H. Neville Esq.
Director Rev. Settlement.

Sir

I have the honor to call for Instruments caused by the contemplated increase to the Survey Department in the North has caused me some embarassment.

2. I think however that I shall be able to supply the enlarged establishments with Rajahmundry provided Government will authorize the transfer to the Survey of 100 Gunters chains and 4 Theodolites from the stores of the Chief Engineer D.P.W.

3. By the copies of letters appended you will perceive that Colonel Bell has no objection to the arrangement provided his Department is repaid the cost of the Instruments. I may mention that the Madras Railway company's stores contain no spare Theodolites.

4. I now therefore do myself the honor to request that you will obtain the authority of Government to the proposed transfer.

5 In order that I may be prepared to meet all future demands consequent on increased establishments or the necessity of replacing Instruments rendered

(7 in Diameter)
2 required at once the others when transferred on application.

rendered unserviceable by the constant wear and tear to which they are liable in the Survey. I beg also to append a list of the Instruments permission to order which from home I am desirous of obtaining from Government.

It is calculated to equip two parties of the present strength though not exactly corresponding with the scale at first sent in by me. I propose giving detailed instructions when despatching the order.

6. With the exception of the large Theodolites I might, (according to the authority granted me in Pro. Govt dated 15th February 1858) purchase all the Instruments enumerated, but think it desirable that Government should signify beforehand their consent to my making a purchase to so considerable an amount, and therefore request that you will be so good as to apply for such sanction of their decision on the subject.

I have the honor to be
Sir
Your most obedient Servant
Rudolph W. Whistler Captain
Superintendent Rev. Survey

No 191
Dated 19

No 1102 of 1858
From Marine Secretary
Dated 29th Nov 58
Rec'd 30th Nov 58
Ans 2nd Dec
22nd/58

Forwarded a Copy of Lieut Commr Whistler's letter to the address noted in the Margin requesting that the Instruments specified in the accompanying list may be procured for the Survey under his charge.

Copy to Lieut Commr Whistler

4. Beg to observe further that the cost of instruments was not included in the Estimates sanctioned for the General revenue Survey, and that such items should, if the Government approve, be kept distinct from those which are fairly chargeable to the general fund available for the Survey and assessments.

I have the honor to be
Sir,
Your most obed't Servt

Director of Revenue & Account

To
A. D. Bourdillon Esq.
Secretary to Government
Revenue Department
Fort St George

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P. Cons. 16th Feby 1858
No 30 31

From the Director of Rev.
settlt 24 23d Dec 1859 C. No.
2461 in Rev 18 Jan 1860
No 61-62

No 41 + 42

5th December

Revenue 1859 Oct 1
Fort St George 10th December
No 2208

H. Newill Esqr
Director Revenue Settlt
To
J. B. Brodie Esqr
Secretary to Govt
Fort St George

Dated 30th November 1859
Rec'd 12th December 1859

1 Encl

No 1048

Submitting a List prepared by the Superintendent Revenue Survey of instruments proposed to be obtained from England to meet future requirements in the Survey Department. Requesting sanction further for the transfer to the Survey Department of 24 Instruments from the Stores of the Chief Engineer to provide and for the payment of the Stores value of the Same.

No 1653. 6th December.
William Order

No 1653

The Director of Revenue Settlement will be requested to state, with reference to Para 2 of the letter from the Secretary to the Government of India communicated to him with the order noted in the Margin, whether it will not be better to procure the instruments described in this letter from Calcutta.

Fort St. George
6th Dec 1859.

Dated 2 Dec 59
No 1653

10 Copies To the Director of Revenue Settlement Dispd 6/12