

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No.	2233	Press
B.P. No.		Mis.
182, 183		
Dated	10.9.	1873

Not to be folded or roughly handled

113

*Proceedings of the Madras Government, Public Works Department,
10th September 1873.*

No. 132. Read the following endorsement of the District Engineer, Presidency, dated Fort St. George, 9th April 1873, No. 128:—

From J. N. GRAINGER, Esq., General Superintendent of Public Works Stores and Workshops, to Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, dated Chepauk, 7th April 1873, No. 48.

I HAVE the honour to enclose a letter to your address from Mr. F. Doderet, Mathematical Instrument Maker, Public Works Workshops, and, with reference to the subjects mentioned therein, I beg to make the following remarks:—

1st.—The question in the latter part of paragraph 1 may be settled from the privileges claimed by, and allowed to Mr. Doderet, as recorded in G. O., No. 7, of 2nd February 1871.

2nd.—As stated by Mr. Doderet, Clarke was entertained as an Apprentice nearly nine years ago, but Mr. Doderet has not stated that Clarke, by absconding before his term of apprenticeship expired, forfeited the indulgences that by right should belong to an industrious and steady young man (such as Marsh was, until within this last two years). As stated in my Memorandum, forwarded to you with this office docket, No. 3,132, dated 29th March 1873, Mr. Doderet was spoken to, before Clarke knew that his request was not granted, and I then told Mr. Doderet that it was only four months before that Clarke had had an increase of Rupees 5 per mensem, to which Mr. Doderet replied that he "hoped it would not cause any ill-feelings between us."

3rd.—The only increase given lately to Apprentices was in November 1872, which increase* was sanctioned by Colonel Moberly, R.E., Superintending Engineer, to whom, under G. O., dated 29th August 1872, No. 2,065, was trans-

* To the best of my belief was approved of by Mr. Doderet, as no objection was raised to it at the time.

ferred such direct control of the Stores and Workshops that had formerly been exercised by the Secretary or Under Secretary to Government, Public Works Department. The increases to the Peons, as noted by Mr. Doderet, has been given from the Workshops to encourage the Store Department Peons to watch the Workshop premises, as the Workshop has only two peons. Should this allowance†, amounting to Rupees 11 per

† Since August 1869.

mensem, be discontinued, it will be necessary to entertain at least two peons at a cost of Rupees 14 per mensem, as the store peons should not, without some remuneration, be held responsible for the safe-keeping of the Workshop materials, the two departments being quite distinct.

4th.—The transference of the mechanical work to the Mechanical Department, and instrument work to the Instrument Department, is admitted "so far quite right." The smaller kind of letter scales are done in the Instrument Workshop, the larger in the Mechanical, and as Mr. Doderet had himself proposed in the first instance to make, in the Instrument Workshop, brass padlocks with their keys, there cannot be any hardship in his having occasionally to repair a padlock, or even make a door-key

in his Workshop, which, I think, is rather light work, as Mr. Doderet in his letter, forwarded to you with this office No. 1,094, of 31st January 1873, says he has very little instrument work to do. Mr. Doderet is hardly justified in stating that I take no interest in his Workshop, as my investigation of the errors caused by excentricity in a theodolite which was done at Mr. Doderet's request, and even only in January last I was, having made a new pattern levelling staff and a new pattern ghaut tracer in his Workshop; and then at the end of the same paragraph he says that he should have the management of his own Workshop.

5th.—The return to the Superintendent, Revenue Survey, of the instruments was, I submit, correct under the circumstances.

6th.—Mr. Doderet has not my authority for his belief as expressed in paragraph 6.

7th.—The remaining paragraphs of Mr. Doderet's letter are written in a spirit, the cause of which I do not know; for up to the 27th of last month, the day on which Clarke applied for an increase, I believed that Mr. Doderet and myself were on the best of terms, and I have endeavoured to maintain friendship with Mr. Doderet.

8th.—In conclusion, I beg to state that on the 1st of this month Mr. Doderet again asked me to grant the increase, and stated that if I did not do it he would write in to Government and bring something against me that I should be sorry for; he also called on the Store Accountant, P. Cothundasawmy, to witness what he said. Under these circumstances, I have considered it necessary to enter into details.

From F. DODERET, Esq., Mathematical Instrument Maker, Public Works Department, to Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, dated Mount Road, 4th April 1873.

I HAVE the honour to acknowledge receipt of your docket, No. 4,084, dated 1st April 1873, together with Mr. Grainger's Memorandum, copy of which was furnished by Mr. Grainger; but as I feel aggrieved at the decision arrived at by you, knowing that the subject under reference was not properly and completely brought to your notice, I am under the painful necessity of bringing this and other matters before you, and to appeal through you to Government to have once and for all a final settlement of the question as to the position I hold under Government.

2. My first duty is now to explain under what circumstances Mr. Reuben Clarke applied for an increase to his pay, why he did so, and the encouragement he got from me to do so. Clarke was one of the apprentices placed under me some ten years ago to learn the work of a practical Mathematical Instrument Maker; the Government having sanctioned his entertainment, no doubt to have assistance ready at hand, he served his term of apprenticeship. I have taken great pains to instruct him, as I was bound to do, according to my Covenant with the Right Honourable the Secretary of State, and it could hardly be expected that a man knowing his own capabilities would be satisfied with the allowance of Rupees 25 per month, and he would consider himself entitled to better pay and position than a Fireman in the Railway Department who gets Rupees 1½ per day. For the last five years his pay has been raised from time to time to Rupees 55 per month. On Mr. Grainger dismissing his fellow apprentice, who was getting Rupees 65 per month, Clarke asked me if I would permit and recommend him to apply for the pay the discharged man got, and if I were consulted I would support his application by recommending it to Mr. Grainger. I have not been consulted; it is therefore clear that I had not, as Mr. Grainger says in his Memorandum, promised beforehand that Clarke should have the increase; how Mr. Grainger has arrived at

above conclusion, I cannot understand. I emphatically deny having done anything of the kind imputed to me by Mr. Grainger, an act of which I should feel certainly ashamed. I most earnestly and respectfully beg to bring to your notice that Clarke is an efficient and valuable workman, that Government has spent a good deal of money on his instruction, and that it would, in my humble opinion, be both unjust to me and the party concerned, and alike prejudicial to the interests of Government, to lose the services of a man on whose instruction a large sum of money has been expended, by refusing to give him a fair remuneration for his labour.

3. My next duty is to show that Mr. Grainger refusing to increase Clarke's pay is not based on economical grounds; for a few weeks ago some of the Apprentices under me applied, without my knowledge, for an increase to their pay, and Mr. Grainger, without consulting me, granted their application; this, I submit, is contrary to G. O., dated 2nd February 1871, No. 7, as the increase could only be given on my recommendation, and under the sanction of the Secretary or Under Secretary. Besides, the grant to eight peons on the establishment of 1 Rupee each and 2 Rupees to the Duffadar monthly, in addition to their pay allowed by Government, for several years, which was stopped only about two months ago, but again given to one of them, is a clear proof that economy is not the ground of refusal; and surely, Sir, you will allow me, at my age and experience, and after having served Government without any complaint for nearly 12 years, to know whether the labour of a workman under me is worth 5 or 100 Rupees a month, especially as I am daily amongst them from 8 A.M. to 5 P.M.

4. My next duty is to explain with reference to Mr. Grainger's remark, "considering the small amount of work to be done in the Instrument Department."

In former times I had from 60 to 89 employed in full work in my Workshop (a Statement from the Muster Roll is enclosed), but when I returned to Madras from a short leave to England, I found the number of men and apprentices dwindled down to about 20, and now to about 10. I found that the work in former times done in my department had been transferred to the Mechanical Department. On my pointing this out to Mr. Grainger, he said that in future nothing but Mathematical work should be done in my Workshop, so far quite right; but I fail to see that to make and repair padlocks, almirah-locks, door-keys, and similar work which is sent to me to do come under the head of Mathematical or Scientific Instruments, but such as banghy, letter and money weighing scales, etc., which work is done in the Mechanical Department, and which are to all intents and purposes fairly scientific instruments. Why Mr. Grainger should send me locks to make and repair and the Mechanical Department to make weighing scales, I cannot understand; but I firmly believe that it was to show to Government that my Workshop was a losing concern, and could be dispensed with. Mr. Grainger certainly does take no interest in the Mathematical Instrument Workshop. I now beg to point out the remedy for the small amount of work done in my Workshop, that is, that all work done formerly by me should be again forwarded to me to be done, and that I may be allowed to manufacture such articles as I did formerly, with such additions as the improved labour and implements I now have ready at hand, as out of the services of the men who were dismissed or left for want of encouragement. Well-trained lads and workmen have left and engaged themselves, some of them, as Stokers or Firemen, and I am sure they would return to work if I would ask them. I think it would be but right and fair that I should have the management of my Workshop. I have always taken a great pride to turn out good work.

5. Now I beg most respectfully to be permitted to enter on the subject as to how I could be best and responsibly employed. Before saying any thing on this matter, I beg to state honestly that I seek no increase to my pay, but trust to earn what I do now receive and to improve my time and talents in the service and interests of Government. Only a few weeks ago the Superintendent, Revenue Survey, Colonel Priestley, sent to me 113 theodolites to have them examined, cleaned, and oiled, requesting at the same time that these and other instruments which he had should be placed in my charge and be responsible that they be in perfect order when issued. To the above request Mr. Grainger replied that there was no storage-room, and that he could not undertake the responsibility of their custody. Now if all those instruments, together with those in the Public Works Stores and in the districts, were amalgamated in one General Store and placed under

*Proceedings of the Madras Government, Public Works Department,
10th September 1873.*

an officer who will take an interest in the Scientific and Mathematical Instrument Workshop, to whom I could be responsible, I would find ample to do to keep them in order. The Principal, Civil Engineering College, has once expressed a desire that his students should be practically instructed how to take the main parts of an instrument which requires cleaning and oiling to pieces, how to adjust levels and theodolites, to insert spider lines, etc.; I could attend to this, and I think this proposition will recommend itself to Government, besides their other duties.

6. The G. O. removing my Workshop from Mr. Grainger's control now stands in abeyance, and I now most humbly and respectfully urge for the consideration of Government the desirability of a separation, the wish of which, I believe, is mutual; and either give me independent charge of the Mathematical Instrument Workshop, or place me under the charge of an officer who will evince an interest in my work, and from whom I could seek advice.

7. I represented lately to you that I had hardly anything to do, and Government in a recent order directed that my services should be better utilized, but nothing has been done in this direction; and as Mr. Grainger has represented to Government that he has too much to do, if he is relieved of the charge of my Workshop, it will give him more time for his other most important duties.

8. In conclusion, I beg to say that it is a pitiful sight to see a once flourishing establishment a mere wreck of what it was. I can assure you, Sir, it makes me sad to see the place as it is, and having the knowledge that it is no fault of mine. Although 46 years of age, I can assure you I have energy enough. I have the will and, I think, I may say, the ability to bring my atelier not only to what it has been, but to a higher standard. If any one had tried to ruin a Workshop, I am sure he has succeeded. I beg now you will, if you think I have made out a fair case, support me, and forward this letter with your recommendations and suggestions.

9. It may be said that I am a foreigner and could not conduct the correspondence of my establishment. I beg to point out that I had often charge of this and other establishments, and have, during the illness of the late Superintendent and till the present Superintendent took charge according to the orders of Government, conducted not only the supervision of the Workshops, but also the official correspondence. Mr. Grainger has from the beginning treated me with overbearing and often with injustice.

10. Begging to be excused for writing thus plain.

Statement of Workmen employed in the Mathematical Instrument Workshop from 1867 to 1872, exclusive of Die-cutters who work on contract.

Months.	1867.	1868.	1869.	1870.	1871.	1872.
January	40	49	47	27	36	31
February	41	41	42	30	36	30
March	67	37	42	28	35	23
April	77	35	41	25	35	26
May	75	37	40	27	35	26
June	79	37	41	34	37	22
July	65	35	39	34	36	22
August	62	33	38	40	35	22
September	63	39	45	37	18	22
October	59	42	49	29	17	22
November	49	42	50	31	17	22
December	49	41	40	36	17	17

MADRAS,
4th April 1873.

(Signed) F. DODERET,
Mathematical Instrument Maker, P.W.D.

Seven Original papers.

(Signed) J. GODDARD, Lieut.-Colonel, R.E.,
District Engineer, Presidency.

SUBMITTED for the orders of Gov-
ernment.

*Proceedings of the Madras Government, Public Works Department,
10th September 1873.*

No. 133. ORDER THEREON, 10th September 1873, No. 2,233.

ESTABLISHMENT, No. 9.

MR. DODERET appeals, under date the 4th April, to have a final settlement of the position he holds under Govern-
ment.

2. The immediate occasion for this appeal appears to have been dissatisfaction at Mr. Grainger's refusal to grant Apprentice Reuben Clarke an increase of Rupees 10 to his monthly pay; the only reason assigned for such increase being that a fellow apprentice who drew Rupees 65 a month had been dismissed; Mr. Grainger's opinion being that "it was not expedient to grant at present the increase asked for as Clarke had only four months ago received a permanent increase of Rupees 5 a month, making his salary Rupees 55 a month."

3. A former reference to Government on the subject of Apprentices' salaries had elicited Order, No. 7, of 1st February 1871, which explicitly laid down that neither Mr. Doderet nor Mr. Grainger had power to raise the pay of the former's Apprentices, but that applications of the former should be forwarded for the consideration of Government by the latter; which course shall invariably be followed for the future, the Presidency District Engineer giving his opinion from personal inquiry when transmitting the papers. Such irregular grants as those to Apprentices and Peons alluded to in paragraph 3 of Mr. Doderet's letter will be reported on by the Controller of Public Works Accounts as to their consistency with the order of this Government as to Apprentices last quoted, and the orders of the Government of India as to division or augmentation of fixed salaries in the case of the peons.

4. But from the trivial dispute above disposed of has arisen a reference by Mr. Doderet of the question of the general treatment of himself and his Workshop by Mr. Grainger. It would appear from the tabular statement forwarded by him that the numbers employed in his Workshop have fallen off gradually within the last five years; and as it is not the intention of Government that a separation should be effected between it and the General Workshop, the propriety of utilizing Mr. Doderet's services more extensively so as to diminish the excessive debit now shown by the disproportion between his salary and the value of the work he superintends, should be taken into careful consideration by Mr. Grainger. It does not appear that the District Engineer has done much towards settling their disputes and authoritatively laying down a course of action for each; which was one of the objects the Government had in view in placing them under his orders. Mr. Doderet should have charge of all the Mathematical Instruments at present in the keeping of the Storekeeper, being more competent to attend to them, and having both leisure and inclination for it; but he simply replaces the latter, in subordination to the General Superintendent of Stores and Workshops, and he must accept the situation without further controversy. Mr. Grainger will on his side not be deficient in consideration and courtesy, and do his best as already instructed in former orders to utilize to the utmost the services of so intelligent and zealous an Assistant, as Mr. Doderet is calculated to be.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Presidency.
Officiating Controller of Public Works Accounts.

Exd. T. O'Connor.
Spare Copies.

Net
25-8-

This can now be
printed, but after
the ad is in the
presses which is
now in circulation

Memo

9/13

Requests to return ~~the~~ original
enclosures submitted unto the
District Empr: endorsement
No. 128 dated 9 April 1873
for reference in this office.

+ Supplied 26-11-73
by 40 mds lacar.

26 Nov 73.

Managers Clerk
Discharge Office
To the Registrar's Section

P.W. 1873 Department
No. of Govt for Dept.
No. 2319.

From.
The Dist. Engineer,
Presidency

Dated 9th April 1873.
Recd 10th April 1873.

No. 128.

En. B. W. W. W.

Submitting for order
certain matters connected
with the relative position
of the General Supt. of
P. W. Stores & Mathematical
Instrument makers
& Co. in connection with
the Presidency
No. 2233-10 Sept 73.

Ob 132

2000 each with 2000 - more in 375
the same was also received

Mr. Dodder was sent out from England
under a Covenant for 5 years, which expired
on the 11th August 1866. And he was
allowed to join the unencovenanted Service
from the 10th August 1866 to the date of
his arrival at Madras.

G.O. 3100
28th Sept 1866

After having his pay & allowances
increased from time to time, his salary
was finally settled by G.O. No. 146
dated 17th Jan 1868 at Rs 500 per mensem including

G.O. 146

17th Jan 1868

all allowances, & the help of his
salary charged to the Store Department
& the other half earned from
the purchase of the Works Shop.
The paper and loss statements
of the Dept. of the Workshops & the
lines appear that the net cost of the
picture was Department
for 1869-70 - was - 1877-10-1
1870-71 - 2867.9.50
1872-73 - 1417-2-5
This shows the Workshops evidently
better Mr. Grainger deserves of being rid
of Mr. Dodder and his high salary which
until lately was about equal to

his own — On the other hand Mr.
Doderich's services altho not actually
shown but remuneration has
always been fully appreciated
by the Govt. & the people of the
District.

All District appointments are
included among the 8th Stores of the
President and are under the charge
of the District Workshops & Store —
And even if it was not work in itself
to create and operate a Department

Mr. Doderich is certainly not competent
to keep such a Department with
its intricate accounts and thus
it is impossible that he can be
separated from the Workshops
as long as he remains in Govt.
employment.

Mr. Doderich (with reference to a similar
dispute with the present one) was distinctly
informed "that he has no authority
to raise the monthly pay of his appointment,
and that the Court for him to pass when
he considers any of them deserving of a

"an increase of pay is to report the
"circumstances to Govt. thus the Sup^t of
"the Workshops" —

*
4th April 1873

In Mr. Doderich's letter has under
reference, he requests "where once &
"for all a final settlement of the question
"as to the position he holds under
"Govt" — It seems Mr. D. was placed
under the orders of the Sup^t of the Workshops
& Store, there ought not to have been any
question as to his proper position; and
there would probably not have been
any difficulty in the matter did
Mr. Grainger possess the tact &
judgment in dealing with his sub-
ordinates, ^{in relation} which are so
essential in the Sup^t of a Workshop
Shop —

OK

[Faint, mostly illegible handwritten text in the left margin]

[Faint, mostly illegible handwritten text in the middle margin]

*My Secretary
John J. O'Leary dispute with the
Supt. of the McAlister & Sons
19th May 1913*

1317
28th April 1913

My dear Capt. Montgomery.
Enclosed I send
the statement you
asked for relative to
the Int. Dept. of the
Workshops - Statement
I show that Mr. Doherty
take his own time to
do repairs for the tools.
Statement I show
the instruments (in
good condition) examined
by Mr. Doherty before
they were used

190
Consider this Mr. Daint of the late Mount
examines the glances Statement III is
of the instruments the Profit & Loss acct.
in the store whenever of the Inst. Dept. during
be the Profit & Loss Statement the last six months
III shows the instrument from which you will
work done by Mr. Daint see there is a loss
during the last six of Rs 1417-2-5 for the
months and also the six months being at
other (Inst. Instrument) the rate of Rs 2834-
work done during for the year which is
the same period the same rate of
of which principally consists in the cutting of
whole of which is done as given in State-
on Contract by the ment E of my letter re-
corded in G.O. 19th Sept. 71
No 2376A although in

The present case the
 half of Mr. Duderets
 being recovered for
 the store kept
 the will be from the
 list at cost of the IIth
 profits derived from
 instrument and
 other works
 expended for
 in the Ist of
 F. H. Wright
 with all labor employed an
 Inst. Work is increased
 by 100 per cent in the
 bills of Workshops.

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 half of Mr. Duderets
 being recovered for
 the store kept
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 list at cost of the IIth
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 F. H. Wright
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List of Instruments sent to the P. M. Workshop for repair
 that have not yet been returned into Store.

Articles	N ^o	Remarks
Chromometers	1	
Compasses Pric. with Stands	5	
Current Meter	1	
Leveling Instrument of 20" with Stand	1	No Number.
" " of 15"	1	No. 52.
" " of 15"	1	No. 82.
Quadrant Gunners	2	Issued on the 8 th December 1878
Sextants Large	4	
Theodolite 8" with Stand	1	No. 1.
" 5" " "	1	No. 585.
" Repeating	5	
Level regulator	1	
Leveling Instrument Triangulation App ^t 15" with Stand	1	No. 264. Issued on the 5 th January
Compasses Pric. with Stands	2	
Current Meter	1	
Endograph	1	Issued on the 21 st March 1879.
Sextant Pocket	1	
Theodolite 5" with Stand	1	No. 99.
" 7" " "	1	No. 111.
" 5" " "	1	No. 1251.
Compasses Pric. with Stand	7	Issued on the 22 nd March 1879.
Staves Leveling	3	
Leveling Instrument of 14"	4	No. 185, 232, 710, 189.
Compasses Pric. with Stand	1	
Theodolite 7"	1	Issued on the 24 th September 1879.
Barometer Mountain	17	
" Marine	3	
Circumferenter with Telescope & Stand	1	
Compasses Pric. with Stands	8	
" " with Stand	1	Issued on the 27 th September 1879.
" Comprehensive	1	

Levelling Instrument off 14" with Stand	5. No 747, 747, 640, 726, 187
" " " 14" " "	1. No 2622.
" " " 10" " "	2. No 575, 2823.
" " " 20" " "	1. No 374.
" " " 14" " "	1. No 2815.
Needles Magnetic	3
Perambulators Counting	2
Quadrant Gunners	1
Staves Levelling Common	1
Theodolite 7" with Stand	1. No. Standard

12th March
1873

(Signed) J. Gray
Store Keeper

(True copy)

(Signed) C. Solayoff
Residing Storekeeper

July 26-4-73

List of Instruments sent up to the Math. Inst.
for examination, before their despatch to Dist. from
1st Nov. 1872 to April 1873

Date	Instruments	No	Remarks
1872			
Nov. 1 st	Levelling Instr. G. 14"	2	
do 2 nd	do do do Dumpy 14"	1	
	Perigraph	1	
	Perigraph Pocket	1	
	Thermometer Max.	1	
	do Min.	1	
	Telescope Terrestrial	1	
do 29 th	Levelling Instr. Improved 14"	1	
do 30 th	Levelling Instr. Dumpy	1	
Dec. 14 th	Gunners Quadrant	2	
do 15 th	Chlorometer	1	
do 17 th	Compass Pri. with Stand	2	
1873			
Jan. 7 th	Barometer Mountain	1	
	Compass Cuprichroni	1	
	Thermometer Max.	1	
	do Min.	1	
	do Standard	1	
Feb. 7 th	Theodolite 6"	1	
	do 5"	1	
	Compass Pri. with Stand	2	
do 10 th	Semicircle Reflecting	2	
	Levelling Instr. Dumpy	2	
	do do G. 20"	1	
	do do Improved 14"	1	

The instruments were sent up to the Math. Inst. for examination, before their despatch to Dist. from 1st Nov. 1872 to April 1873. The instruments were sent up to the Math. Inst. for examination, before their despatch to Dist. from 1st Nov. 1872 to April 1873. The instruments were sent up to the Math. Inst. for examination, before their despatch to Dist. from 1st Nov. 1872 to April 1873.

Date Instruments In Remarks

1873

Feb 17th Compasses Primaries 2
Level Spirit — 2

do 21 — do — do — 1
Thermometer Common 1

do 28th Compasses Primaries 2
— do — Portals — 1

Current Meter — 1

Horizon Artificial 1

Leveling Staffs 2

do do do 1

Thermometer Max — 1

do Min — 1

do Standard 1

Rain Gauge Ev 4

March 10th Compasses Primaries 1

Compasses Proportional 2

April 1st Current Meter — 1

7th Current Meters — 2

16th Thermometer Max — 2

do Min — 2

Eidograph — 1

17th Anemometer — 1

Rain Gauge Ev — 1

18th Thermometer Min — 1

Eidograph — 1

21st Staves Leveling 6

22nd Leveling Staffs 1

Survey 12 3

Pentagraph — 1

24th Pentagraph — 1

Date Instruments In Remarks

1873

April 24th Sun Dial — 1

Horizon Artificial 1

1st Store

1st Defauld

28th April 1873

1st May

Stone Keeper

J. H. Wainwright

General Agent 1-14-Store No

List of Books finished and in hand in the Instrument Department
from October 1872 to November 1873

From where Description of Book

Instrument Books

Madrass Railway	Refy Spirit Levels
P. H. Stores	do Instruments
Army of Ordnance	do 12 Telescopes
Revenue Survey	Magnetic Compasses of plane tables
Revenue Board	Refy Hydrometers
Revenue Survey	do Wind of Lignumferentia
Revenue Board	Containing a Perismatic Compass
Engleng Coombacnam	Refy Instruments
Engleng Madanapally	do
Pango	do
Hydro District Range	do
Caroor Range	do
Chingleput Range	do
P. H. Stores	Refy Velling Instruments
Great Trig Survey	do Telescopes
Caroor Range	Refy Spirit Levels
Super Engg Division	Refy Instruments
Coono Range Station	do Velling Staves
Regulation Books only	do Instruments
P. H. Stores	do 11 Velling Instruments
Revenue Survey	do Perismatic Compasses
Glock	Refy Tubes
Master Attendant	Refy Mountain Barometers
Government Astronomer	Refy Instruments
Goulkern Range Station	do Velling Instruments
Revenue Survey	do Thermometers
do	do Instruments

From whom	Description of work
Mannargudi Range	Ref. Mathematical Instruments
Brick shop Stock	24 Porcelain compasses
	Swelling Staves
Collector Madras	Case of Stand of a theodolite
Mr. H. Dodder	Ref. Barometer
Ref. Top Survey	Instruments regarding
E. P. Powell Esq.	one Gauging Rod
Mount. Com. Adams	Optical Square
Chief Eng. Mysore	Ref. Instruments
Revenue Survey	Drawing Pins
Rev. Eng. College	Porcelain compasses
Com. of Madras	Ref. Perspective glasses
Revenue Survey	one Sw. of a theodolite
J. H. Gougeon Esq.	New pattern of hat brace
Mr. John Dillay	Gunter's chain & level Staves
General Babington	Ref. Sextant
Robert Eng. Vizagapatam	Swelling Staves
Mr. H. Dodder	Ref. Camera of Photography
Colonel Diddle	one Microscope
Master Attendant	Lamp Reservoir repaired
Revenue Survey	Ref. Magnetic compass
Madras Div.	Measuring chain
Revenue Survey	Sw. of theodolite
Mr. H. Dodder	Ref. Level
Revenue Survey	Ref. theodolite
Major P. A. P. Esq.	3 Object glasses
Revenue Survey	Ref. Porcelain compass
	one Table Stands
	Magnetic compass

From whom	Description of work
Officer with local Range	Ref. Instruments
Super. of Great Central Museum	Microscope
Revenue Survey	Ref. Telescope & plane table
Officer with local Range	Mathematical Instruments
Col. Stacewell	Ref. Gauging Instruments
Robert Eng. Bangalore	Ref. Instruments
J. B. Crockett Esq.	one Sextant

Other Works

St. Katharine's Schoolwarden	Putting lamp bonnet to Reading desk
Revenue Survey	Supply of Band Pins
Collector of Chingapat	Set of Measures
Municipal Comm. Madras	Five tickets to be stamped
Collector of Madras	Ref. Measures
Collector of Madras	Half set measures to be tested
Collector of Chingapat	Set of measuring Measures
Revenue Board	2 Seals
Exp. Eng. G. P. Samwell	Series Plate
Chief Postmaster	Postmaster's Seal
General Mysore	3 Str. Lamps
Revenue Board	Books Press Spring to be repaired
Revenue Board	Seals
Postmaster General	Pass Badges
Super. of Prison Madras	49 Badges
Revenue Board	Adjudging Seals
Postmaster General	Seals
Adjuvant General of H. H. Mysore	Silver Mounting Medals to be lettered
Postmaster General	Str. Stamps
Chief Judge, Coimbatore	2 Pass Seals
Revenue Board	Badges

From whom Description of work

Paymaster Prov. Secy. Stamp
 Director of Revenue Settlement Office Seal
 Chief Commissioner Mysore One Brass Seal
 Civil Judge Mysore 2 Brass Badges
 Lt. Hamilton Esq. Badges
 Revenue Board Brass Hand Scales
 District Engr. Mysore 2 Copper badges with silver plating
 District Engr. Mysore Key to be altered.
 District Engr. Mysore Repairing Key.
 District Engr. Mysore Repairing brass clock.
 Major H. H. Kaperan Change to be fitted
 Revenue Survey Typing for Hand Press
 Civil Judge Kumbalure that later made as per design
 District Engr. Mysore Spring of Printing Press to be repaired
 Civil Engr. Tank Division 4 Plates with movable types
 Revenue Board 40 Brass Hand Scales
 J. Wood Esq. Screw to be made as per pattern
 District Engr. Bangalore Scale to weigh 100 lbs with weights
 Commissioner Mysore Imperial Measures to be tested
 Major Kaperan Brass Boko
 District Engr. Bellary 2 Brass Seals
 do Malabar 7 Badges
 Engr. of Mysore Madras 10 do
 District Engr. Houthallam 4 Copper Badges Silver plated & 24 Brass
 do Common Badges
 Rev. Board Copper Scales to weigh 100 lbs.
 Shamsing Repairing 2 Hinges
 Collector of Godavari One Scale to weigh 1000 Rups
 Revenue Board do 50 Rups
 J. J. Whitlock Esq. Fitting a screw
 Brooke Esq. Esq. Seal
 Collector of Madras Copy Scales

From whom Description of work 313

Revenue Board 4 Brass Scales
 Collector of Bellary Rights for Adjustment
 Commissioner Mysore do
 Subordinate Judge Bellary 1 Brass Seal
 Revenue Settlement Bellary 2 Brass Seals
 District Engr. of Registration Mysore Brass Seal
 Civil Registrar Madras one Brass Badge
 Great Trigonometrical Survey Drawing Screw.

Copied
 26th April 1873

J. H. M. M. M.
 General Engr. P. H. M. M. M.
 Stores

2233 P. D.

Proc. of the Madras Govt.

Read this morning

from the Govt. Secy

Presidency

No. 728 of 9 April 73

Mr. Doderet ap.

peals, under date the

4 April, to have a final

settlement of the possi-

tion he holds under

Government.

The immediate

occasion for this appeal

appears to have been

dissatisfaction at

Mr. Grainger's refusal

to grant Apprentices

Jan

Reuben Clarke an
increase of Rs 10 to
his monthly pay; the
only pretext for such
increase being that
a fellow apprentice
who drew Rs 65 a
month had been
dismissed; Mr. Spranger's
opinion being that
it was not expedient
to grant at present
the increase asked
for as Clarke had only
4 months ago received
a permanent increase
of Rs 5 a month, making
his salary Rs 65 a
month.

375
A former reference
to Government on the
subject of Appren-
tices salaries had
elicited Order No. 7
of 1st February 1871
which explicitly laid
down that neither
Mr. Doderet nor
Mr. Spranger had
power to raise the
pay of the former's
Apprentices but
that applications
of the former should
be forwarded for the
consideration of
Govt by the latter.

which course shall
invariably be followed
for the future. The
Presidency District
Engineer giving his
opinion from per-
sonal inquiry when
transmitting the papers.
Such irregular grants
as those to appren-
tices and Peons al-
luded to in para 3
of Mr. Doderet's letter
will be reported on
by the Controller of
Public Works Accounts
as to their consistency
with the order of this

12
Government as to
apprentices last
quoted, and the Orders
of the Government
of India as to division
or augmentation
of fixed salaries in
the case of the Peons.

But from the
trivial dispute alone
disposed of has arisen
a reference by Mr.
Doderet of the question
of the general treat-
ment of himself
and his Workshop
by Mr. Granger.
It would appear

from the tabular
Statement forwarded
by him that the
numbers employed
in the work shops
have fallen off gra-
dually within the
last 3 years, and
as it is not the in-
tention of Government
that a separation
should be effected
between it and the
general work shops,
the propriety of uti-
lizing Mr. Doderet's
services more exten-
sively so as to diminish

13/13
the excessive debt
now shown by the
disproportion between
his salary and the
value of the work
he superintends.
Should he taken
into careful conside-
ration by Mr.
Grouges. It does
not appear that the
District Engineer
has done all that
might be expected
of him towards
settling their disputes
and authoritatively
laying down a

course of action for
each, which was one
of the objects the Govt.
had in view in
placing them under

his orders. Mr. Dodder should have charge
~~has in a late order~~ of all the Mathematical
Instruments at present
of Govt. been placed in the keeping of the Store
in charge of all the - keeper, being more com-
petent to attend to them
Mathematical Instru- and having both
ments at present leisure and inclina-
tion for it;

~~Storekeeper~~ but he
simply replaced the
latter in subordi-
nation to the General
Superintendent of Stores
and Forts, &c. and

This is a ^{verbal} order
which of which has
already been
passed, and has
not required to be
renewed.

Y.M.W.

DE Rensselaer

Contract

S.C. subd 17/9/73

438514
he must accept the
situation without
further controversy.
Mr. Krainger will
on his side not be
deficient in consi-
deration and Cour-
tesy, and do his
best as already
instructed in former
orders to utilize to
the utmost the ser-
vices of so intelli-
gent and zealous
an Assistant, as
Mr. Dodder is cal-
culated to be.

Y.M.W.

R. 21. 10. 1875