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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.
on 3/5/58

G.O. No.

1074Press
Mis

Dated

2-5-18 58.Not to be folded or roughly handled*27.5.58*

PUBLIC WORKS DEPARTMENT.

Public.

FORT ST. GEORGE,
2nd May 1859.

No. 1014.

From

J. D. BOURDILLON, Esq.,
Secretary to the Government of Fort Saint George.

To

LIEUT.-COLONEL H. YULE,
Secretary to the Government of India, P. W. D.

SIR,

Para. 1. I am directed by the Honorable the Governor in Council to submit for the consideration and early orders of the Government of India a representation from the Chief Engineer regarding the want of accommodation for the valuable Stores and Machinery belonging to the Public Works Department of this Presidency.

2. By an order dated 6th May 1856, No. 1057, this Government, in accordance with a suggestion of the Chief Engineer, directed that the Ordnance Department should receive, take charge of, and issue from time to time as might be required, all Machinery and Stores intended for the use of the Public Works Department. They considered that this plan would be found both convenient and economical, and that it was even necessary on several grounds. The absence of Store yards, in connection with the Office of the Chief Engineer, the want of the necessary landing and receiving Establishment of Lascars and other servants for the debarkation and custody of Machinery, and the fact that the late Court of Directors invariably consigned all Stores indiscriminately to the Ordnance Department without distinguishing those for the Public Works Department, were all considerations which influenced this Government in adopting the Chief Engineer's suggestion.

3. The system then adopted however has proved a failure. It has led to confusion in the Stores and to difficulty in distinguishing between those intended for the Ordnance and those belonging to the Public Works Department; it has moreover led to frequent and repeated complaints of delay and difficulty in obtaining Stores for the use of the latter Department; and no small amount of angry feeling has been produced between the two Departments; as the Government of India may learn by a reference to the Proceedings recorded in the Consultations noted in the margin.

4. Independently of these inconveniences, the accommodation in the Grand Arsenal for such large and heavy Machinery as has been recently sent out by the Home Authorities has been found wholly insufficient, and the Government have been obliged to assent to expenditures for temporary Sheds to shelter a part of what cannot be received in the Arsenal; while notwithstanding these arrangements a large quantity of valuable Machinery is still exposed to the weather, besides being subjected to much damage in various ways.

5. This Government has long had in view a change of system such as to place the custody and issue of Stores belonging to the Public Works Department in the hands of the Chief of that Department; but they have been hitherto deterred from proposing any scheme for that object as they learnt from Major Strachey's letter of the 16th July 1858, No. 3305, that a similar plan had failed in Calcutta and that the subject had been referred to a Committee of Officers; they determined therefore to await the result of the Committee's Report which was promised in that communication before taking any decisive steps in the matter.

From Government of India, 28th January 1858, No. 451.
To do. do. 22nd June " " 1178.
From do. do. 16th July " " 3305.

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6. The time has however arrived when it would be unwise longer to remain quiescent.

From Chief Engineer, 21st March 1859, No. 8838.
From do. 6th April " " 9367.

The accompanying letters from the Chief Engineer more fully describe the present state of the case. In his letter of the 21st March 1859

he represents the necessity of having an Engineering Store and Workshop at the Presidency unconnected with the Ordnance Department for the custody and care of the valuable Machinery already received and still expected from England; he details the arrangements that would be required for such an establishment, and submits a Plan and an Estimate amounting to Rupees 61,000 for the construction of the requisite Buildings. In his further letter of the 6th April he forwards the Report of a Committee held at the instance of the Inspector General of Ordnance and Magazines to examine some Machinery landed from the "Cressy."

7. Whatever may have been the causes of the failure in Bengal, of which this Government have as yet received no information, they are quite satisfied from the papers that have come before them that the plan of a separate Work and Store-yard for the Public Works Department at this Presidency is quite necessary; and adverting to the great and positive loss actually suffered under the present practice, they solicit the immediate sanction of the Government of India for the Buildings and Establishment asked for by the Chief Engineer both of which they consider to be on a moderate scale.

8. The Estimate has been already stated to amount to 61,000 Rupees. The Establishment proposed by the Chief for the duties of landing, receiving, safe custody, repair, issue, &c. of Stores, amounts to Rupees 1,079-8 per mensem; but deducting the Agency available, the net additional charge will be no more than Rupees 322-8 per mensem. In regard to the Lascars the Government have directed it to be understood that the men employed under that designation are not to be entitled to pension like Military Lascars. A Tabular Statement in the prescribed form accompanies.

9. The Government of India will observe from the accompanying Extract Minutes Consultation of the 11th April that the attention of Colonel Bell, the newly appointed Chief Engineer, has been called to the necessity of establishing an efficient system of Accounts and Audit in the Public Works Department, and that Officer has been informed, in connection with the present project, that it is the design of this Government that that system shall include a simple and effective scheme of Store Accounts.

I have the honor to be,

Sir,

Your most obedient Servant,

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

Exd. Wm. Thomas.

Public Works Department, Statement of Increase to Establishment in this Department recommended for the sanction of the Government of India.

No.		Extract from Home Dept. of Govt. of India.		Office to which the Proposition refers.	Nature of Charge.			Proposition.										Grounds of Proposition.	Local Government's recommendation.	Orders of the Govt. of India.									
Date.		Charges.			Permanent.		Temporary.		Increase per month.		Decrease per month.		Increase per month.		Decrease per month.		Home Dept.			Financial Department.									
		Year.			Ordinary.		Extraordinary.		Total.											Remarks.	Remarks.	Orders.							
																													
					Present scale.			Proposed scale.																					
					Rs.	A.	P.				Rs.	A.	P.																
Presidency Store and Workshop of the Public Works Department.								General Department.																					
1 Mechanical Engineer..		250	0	0				1 Superintendent.....			200	0	0																
1 Sub-Engineer....		200	0	0				1 Storekeeper.....			80	0	0																
1 Assistant Overseer ...		80	0	0				1 Assistant Storekeeper.....			50	0	0																
1 Do. do.		50	0	0				1 Book keeper.....			40	0	0																
1 Correspondence Clerk.		25	0	0				1 Correspondence Clerk.....			25	0	0																
1 Assistant Clerk.....		10	0	0				1 Moochee.....			10	0	0																
1 Tindal.....		10	0	0				1 Peon.....			7	0	0																
22 Lascars at Rs. 6 each.		132	0	0				2 Sweepers.....			7	0	0																
								Total.....			419	0	0																
								Cleaning and Repairing Dept.																					
1 Mechanical Engineer.....		250	0	0				1 Mechanical Engineer.....			250	0	0																
3 Working Carpenter Maistries...		52	8	0				3 Working Carpenter Maistries...			52	8	0																
3 Do. Smith do.		52	8	0				3 Do. Smith do.			52	8	0																
3 Hammer men.....		21	0	0				3 Hammer men.....			21	0	0																
3 Bellows boys.....		10	8	0				3 Bellows boys.....			10	8	0																
1 Syrang.....		14	0	0				1 Syrang.....			14	0	0																
2 Tindals.....		20	0	0				2 Tindals.....			20	0	0																
40 Lascars at Rs. 6 each.....		240	0	0				40 Lascars at Rs. 6 each.....			240	0	0																
								Total.....			660	8	0																
Total.....		757	0	0				Grand Total.....			1,079	8	0	322	8	0													

Fort Saint George, }
2nd May 1859.

Exd. Wm. Thomas.

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

Copy in ar L. to C^o "
of 19th May 1859 No 12.

132 part 1000

[Faint, mostly illegible handwritten text, possibly a list or ledger entry, spanning several lines.]

John W. Hill

1859
1859

Public Works Department. Statement of Increase to Establishment in this Department recommended for the sanction of the Government of India. 7K

Year ^{Changes}
Ordinary Extraordinary Total

" " " "

Extract from Home Department of India

No. Date

Nature of Change

Present Scale

Proposed Scale

Present Scale	Proposed Scale
1 Mechanical Engineer — 250 ..	General Department
1 Sub Engineer — 200 ..	1 Superintendent — 200 ..
1 Assistant Overseer — 80 ..	1 Storekeeper — 80 ..
1 " " — 50 ..	1 Asst. " — 50 ..
1 Correspondence Clerk — 25 ..	1 Book Keeper — 40 ..
1 Assistant " — 10 ..	1 Correspondence clerk — 25 ..
1 Hindul — 10 ..	1 Macebearer — 10 ..
22 Lascars @ Rs 6 each — 132 ..	1 Peon — 7 ..
	2 Sweepers — 7 ..
	Total 419 ..
	Cleaning & Repairing Dept.
	1 Mechanical Engineer — 250 ..
	3 Working Carpenter Maistries — 52 8 ..
	3 " Smith — 52 8 ..
	3 Hammer men — 21 ..
	3 Bellows boys — 10 8 ..
	1 Syraney — 14 ..
	2 Hinduls — 20 ..
	40 Lascars @ Rs 6 each — 240 ..
	Total 660 8 ..

Total Rs 757 ..

Grand Total Rs 1079 8 .. 32 8 ..

Fort St George
May 1859

Proposition

Permanent Temporary
Increase Decrease Increase Decrease
per per per per
Month Month Month Month

Period

Period

General or Extraordinary

Grounds of Proposition

Vide letter to the Secy
to the Government of India
dated May 1859

Local Government

Favorable

Orders of the Govt of India

Home Department

Financial Department

Remarks

Remarks

Orders

Secy to Govt

No 8838

Central Office P.W.
Fort Saint George
2nd March 1859.

From

The Chief Engineer

To

The Secretary to Government
P.W.

Sir

Public
Store & Work Shop

Encls. 2
1 Plan
1 Estimate

With reference to Encl. of Govt. under date the 3rd January 1859, No 10, declining to pass orders on the subject of the officiating Chief Engineer's letter No 5786 of the 25th November 1858, all details are furnished of the plan contemplated and of the cost involved in the proposal for the Establishment of a Presidency Store and work shop of the P.W.D. and requiring information on certain other

other points, I have the honor, in
now submitting Plans and Esti-
mates for the requisite buildings, to
make the following remarks for
the consideration of Government,
with the hope that they, in connection
with the correspondence I shall ana-
lytically refer to but not quote, will
be deemed so conclusive of the ad-
vantages, if not of the absolute ne-
cessity of the measures I propose, as
to obtain for them the approval
and support of Government.

2. The system under which
the machinery, stores, and all ar-
ticles of plant required for the use
of the D.P.W. are received on arri-
val from England, taken
charge of, and finally issued by
another totally distinct Department
has

11K2
has ever been found uncertain, un-
satisfactory, and vexatious in its op-
eration, especially since the extension
of the scale on which Public Works
are carried on has required the intro-
duction upon them of greatly in-
creased quantities of tools and appa-
ratus of all kinds, and of expensive
delicate machinery, requiring altogether
large stowage space protected from
the weather, and unremitting atten-
tion, with considerable expenditure of
labor, in preserving and keeping them
from rapid deterioration by the
well known corroding action of
this climate.

3. The question of a
change, although felt to be highly
desirable, was originated, however,
not by this Department which
suffered

suffered from the existing system,
but by the Government of India,
which, in granting sanction for the
employment of native Sappers in
the Arsenal for the charge of the
P.W.D. stores on the application of
this Government, at the instance
of the Inspector of Ordnance and
Magazines, requested to know whether
those stores could not be received and
taken care of by the D.O.W. of
this Presidency, as had then pre-
viously been ordered in Bengal.

28th January 1858
No. 1051 in Co. Min
of Gov. 27th Feb 1858
No. 336

Not having the means
of replying immediately or explicitly
to that requisition, I deferred doing
so, and on its being repeated in the
financial resolution of the Govt.
of India of the 26th February 1858,
No. 1086, communicated with Co.
Min of Gov of the 1st April 1858
No. 594, I requested the Govt. in
my letter, No. 675, of the 26 May 1858
to

Letter No. 8887
of 10th April 58.

Co. Min of Gov
14th Aug 1858
No. 1537

138
to obtain for my guidance some
information as to the means proposed
by the Chief Engineer of Bengal
for receiving, storing, and issuing, ma-
chinery, scientific instruments, and other
stores sent out for his Department, and
- being in the mean time under the
impression that the orders of the Govt.
of India implied that this Depart-
ment was at once to conform to the
Bengal practice I recommended that
a piece of ground near the seven
wells should be allotted as a yard,
and that the sum of Rupees 1000
might be granted for the purpose of
putting up a temporary shed.

5
I prefer now, accordingly,
appears to have been made to the
Govt. of India, which in reply
under date the 16th July 1858 No. 3305,
intimated that, as the practice ob-
taining in that Presidency had
been found unsatisfactory, the
subject had been referred to a Com-
mittee of Officers, and no further
Com

communication that I am aware of has been received of the decision arrived at, or of the measures suggested for the improvement of the Bengal System, previously recommended for adoption in this Presidency.

6. Under these circumstances the subject would appear to be still unready for final adjustment, but believing that the system which, besides involving many delays, exposes our machinery to such neglect in landing, or during its retention under the Ordnance Authorities, as experience has proved leads to its too frequently becoming seriously damaged before it can be transferred to professional charge, & which places me in an anomalous position with regard to the head of another Department, should be modified without delay, I avail myself of the opportunity the Government has now afforded me of laying before it in a definite shape, the details of such buildings and Establishments

Letter from Ch.
Engin^g Sept/58

N^o 3783-

Letter from Do
to Gov^t N^o 5900
of 30th Nov/58
Correspondence
therein referred

as

Vide letter
N^o 811 of 3rd
June 1858
Subj^y Pro
of Committee
of Engrs of Gov^t
N^o 1369 of the 15th
July 1858.

822

15K
as will I think enable me to undertake at once the reception, careful custody, and issue of all stores belonging to the F.W.D. and more-
over, ^{to entertain & maintain} in addition, the nucleus of a small Establishment of skilled Artizans for effecting the minor repairs which are, and often will be necessary, and for preventing by constant watchfulness and cleaning the great deterioration which it has been found in the instance of a Steam Engine transferred to the Unit and in others subsequently examined by Mr Stockhart, takes place when machinery is not carefully looked after in this Country.
The Home Government has so repeatedly and positively refused to allow any stores or machinery to be obtained from England for public purposes, except through its own intervention, that I can do no more than urge the advantages that would accrue, and

and the many losses and disappointments that would be averted were it in my power to communicate directly with the Manufacturers, on my own responsibility, as in that case, instead of being obliged as hitherto, to include in my Annual Indents vague requisitions for things which may or may not be wanted before the expiration of the indefinite period within which these indents are usually complied with, if they are so at all, and being kept in most cases totally ignorant of the extent to which articles will be supplied till after their arrival, I should be able to send, from time to time, as a prospect of their being required appeared, for such things only as would be actually needed within a reasonable time, and being thus in a position to specify, exactly, what was wanted and to hold the Manufacturers an-

answerable

Chief Eng^r
to Govt. No 8523
of 26 Mar. /58.

answerable for its quality, my interest nor my fit Apparatus would be received. & all disappointments be prevented. Leaving therefore, of necessity, the supply of all stores and machinery in the hands of the Home Government, I would strongly urge as the most requisite preliminary for placing every thing connected with the Plant of the P.W.D. under its own management from first to last, that my indents, whether Annual or occasional, shall be separately submitted and that every thing sent out under them shall be consigned to the Chief Engineer and taken charge of by him on arrival, the packing accounts and Bills of lading being forwarded to him through the Government with all such other vouchers as will be required to enable him to price the articles and debit himself with their full value in the Books of his Office, rendering accounts periodically or otherwise of such issues as

*This is a letter recently received from the Hon. Secy. of the P.W.D. dated 11 Mar. /59. The letter is very poor & inefficient in many respects.

Chief Eng^r
to Govt. No 8523
of 26 Mar. /58.

1859 - 1860
No 8523
of 26 Mar. /58.

1859 - 1860
No 8523
of 26 Mar. /58.

as may be made to Districts or local Agents, thereby obviating the necessity of going up to Govt on each individual requisition from the Provinces, or requiring payment in Cash or transfer receipt, but debiting as required in Estt: of Gov: No 1696 dated 23rd August 1858 the stock value, whenever possible, to the Estimate of the work for the use of which the respective articles may have been needed.

As regards the buildings which will be necessary and the situation on which I would propose to erect them, I beg to say, that I think the plan and Estimate herewith submitted, will provide all that is at present required at a cost of about Rupees 61000—on the site previously reported as being available near the seven wells which is well placed with reference to communication, both with the

the Railway and the shipping in the Roads, and is otherwise accessible from any quarter.

For the duties of landing, receiving, safe keeping, repairing, issuing &c, I would propose the following Establishment -

General Department

One	Superintendent	Rs. 200—
"	Store-keeper	" 80—
"	Asst do	" 50—
"	Book Keeper	" 40—
"	Correspondence Clerk	" 25—
"	Moochie	" 10—
"	Peon	" 7—
2	Sweepers	" 7—

Total Rupees. 419—

Cleaning & Repair Dept

I quarter has
any sufficient

One	Mechanical Eng ^{working}	Rs. 250—
3	Carpenter Maistries	" 52-8
3	Smiths	" 52-8
3	Hammer men	" 21—
3	Bellows boys	" 10-8

1—Syrony—Rs 14—
 2—Syndalls—Rs 20—
 40—Sascars (a) Rs each—240—
 1660. 8—

Grand Total Rs 1079-8-

But of this, the following Agency is already available, consisting of the Sub Engineer and his Establishment, attached to the Central Office, the extra Sascars at present employed in the Arsenal in charge of the stores of the D.O. and one of the Mechanical Engineers who recently arrived from England, and has been engaged in superintending the cleaning, sorting, and repacking of machinery.

One—Sub Eng—Rs 200—
 "—Correspondence Clerk—Rs 25—
 "—Assistant—Do—Rs 10—
 One—Asst—Overseer—Rs 80—
 "—Do—Do—Rs 50—

attached to Central Office.
 employed with the Mechanical Engineer

1—Mechanical Eng Rs 250 Mr. Flockhart
 1—Tendal—Rs 10—
 3—Sascars—Rs 18—
 19—Do—Rs 114—

Total Rs 757.

Deducting the above there will remain the following Establishment, to be specially provided for.

General Dept.
 One—Book Keeper—Rs 40—
 "—Peon—Rs 7—
 2—Sweepers—Rs 7—
 Rupees—54—

Cleaning & Repair Department

3—Carpenter Maistries—Rs 52-8-
 3—Smith—Do—Rs 52-8-
 3—Hammer men—Rs 21-
 3—Bellows boys—Rs 10-8-
 1—Syrony—Rs 14-
 1—Tindal—Rs 10-
 18—Sascars—Rs 108-

Rupees—268-8-

Grand Total—322-8-

which will form a moderate addition to the present charge to give effect to arrangements by which so much advantage will be derived, not only in facilitating the reception, custody and issue of stores, but likewise in repairing and preserving them, and machinery of all kinds, which together are estimated to be worth five and a half lacs of Rupees.

13. Pending the consideration of the Plan and Estimate, & of the measures I have proposed, and I trust of the erection of the suitable buildings, I beg that Govt will be pleased to sanction the rental, or construction of temporary shelter for the preservation of the machinery still exposed on the North Beach, and the formation of a temporary Establishment for six months under my own orders, for taking care of them so far as the means shown in para 11, to exist will admit--

Finally

14

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Finally, with reference to the latter part of the orders under reply requiring me to state whether there is any record or other information to show the mode in which I contemplated employing the Mechanical Engineers, whom in reply to E. Min. of Govt of the 8th January 1858 No. 29, I recommended should be sent out, as proposed by the late Court of Directors, with the Steam Dredges and Steam Tugs they were despatching for service at the various Ports and Canals of this Presidency, I beg to say there is no record on the subject but the document to which you have alluded, and that the only information in my power to give is, that the Engineers, in question, have always been intended for employment in putting together in the first place, the Steam Dredges & Tugs, and in the second place, in working them, and keeping their machinery in order, it being remembered that the extent to which

In despatch of
18th Nov 1857
No 25

these

these men should be engaged, was not fixed by me, but was determined by the experienced authorities at Home, solely with reference to the number and character of the vessels and machinery sent out -

15 Up to this date twelve persons have arrived. Of these I propose to keep one, Mr. Stockhart, under my own orders at the Presidency, to superintend the landing, sorting, cleaning, & despatch of machinery and stores; six will be posted to the Krishna and Godavari Divisions, where there are already, or will shortly be, of dredges and tug boats despatched since the date of the Court's intimation of their intention of sending out Mechanics, no fewer than ten, not reckoning the two dredges already at work on the Rajahmundry Canals, or the steamers in the Godavari, nor taking into account the large iron tug boat of 80 Horse Power

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Power which, under contract with the late Court, is being sent out, for the Krishna, in lieu of the one which arrived last year in the "Bengal"; and was transferred to Calcutta by order of the Governor General.
16 These numerous and valuable steam vessels, and much fine machinery besides, which is in use in the three Delta Districts, will require all the superintendence that can be spared for them, and after assigning two more of the Engineers to Tanjore for the two dredges and the tug boats to be employed at Nagore, for the Negapatam Harbour works, and four others to the four Dredges and 3 Tugs on the Coast Canal, any others are available, they will be most usefully and advantageously engaged at Rayachoti or Dowlaishweram, in working and maintaining in order the machinery for which superintendence cannot be at once

once, specially apportioned, from the limited number of qualified persons yet arrived.

17 I solicit the early favorable consideration of the Right Honorable the Governor to the proposals now submitted, and respectfully request the attention of Govt to the highly discreditable condition of the once valuable property now deposited in a dilapidated state in the interior of Abercrombie's Battery on the Beach, where last year might have been seen exposed to all the effects of alternate showers and sunshine many open cases of the most delicate and highly finished portions of steam machinery, and where still may be observed several brickmaking machines, which have been broken, it is believed, in being landed, and remain useless for want of the repair, which a small

small establishment such as I have proposed would effect.

Fort San Jorge

2nd March 1859

I have the honor to be Sir.

Yours most Obedient Servant

W. H. Star Colonel
Chief Engineer

*Copies
with Post-
Office
Stamp -*

Lieutenant-Colonel F. Yule.

Secretary to Government of
Sri Lanka P.W.D.

Sir, I am directed by the Honorable the Governor in Council to submit for the consideration and early orders of the Government of India a representation from the Chief Engineer regarding the want of accommodation for the valuable stores and machinery belonging to the Public Works Department of this Presidency.

2. By an order dated 6th May 1856, No-1057, the Government, in accordance with a suggestion of the Chief Engineer, directed that the Ordnance Department

1st to 14th January 1859. 2184.7
 15th to 28th Feb. 218.2
 1st to 14th March. 2383.4
 15th to 28th April 114 March 139/1854
 1st to 14th May 1859. 218.2
 15th to 28th May 1859. 218.2
 1st to 14th June 1859. 218.2
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 15th to 28th Nov. 1862. 218.2
 1st to 14th Dec. 1862. 218.2
 15th to 28th Dec. 1862. 218.2
 1st to 14th Jan. 1863. 218.2
 15th to 28th Jan. 1863. 218.2
 1st to 14th Feb. 1863. 218.2
 15th to 28th Feb. 1863. 218.2
 1st to 14th March. 1863. 218.2
 15th to 28th March. 1863. 218.2
 1st to 14th April. 1863. 218.2
 15th to 28th April. 1863. 218.2
 1st to 14th May. 1863. 218.2
 15th to 28th May. 1863. 218.2
 1st to 14th June. 1863. 218.2
 15th to 28th June. 1863. 218.2
 1st to 14th July. 1863. 218.2
 15th to 28th July. 1863. 218.2
 1st to 14th Aug. 1863

1859
 10th of
 Decr
 1859
 To the Chief Just
 of the Secretary to Court
 of the

Patented March 1859
 Received of No 8838
 Cash 2

Substituting for
the original and distant
job of Man and Linnæus
Mounting to \$6,000
for the construction of a
new building at the White
House of the U. S. Govt. with
conventions there it is

27th Nov 1884
 Alfred Bates
 Plymouth Devonport

2/28

225⁴ March 13⁴ 1901
127⁴

department should receive
full charge of, and issue
from time to time as might
be required, all machinery
and stores intended for the
use of the Public Works Dept.
They considered that this
plan would be found both
convenient and economical
and that it was even neces-
sary on several grounds.
The absence of store yards
in connection with the office
of ^{the} Chief Engineer, the want
of the necessary landing and
receiving establishment of
scares and other servants
for the debarkation and
custody of machinery, and the
fact that the late Board of
Directors invariably consigned
all stores indiscriminately
to the Ordnance Department
without distinguishing those
for

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for the Public Works Department,
were all considerations which
influenced this Government
in adopting the Chief Engineer's
suggestion.

3. The Government have
however been disappointed
in this expectation, and the
system ^{then adopted} ~~on which they relied~~ however
~~on for a successful issue~~ has
proved a complete failure.
It has led to confusion in
the stores and to the difficulty
ⁱⁿ of distinguishing between
those intended for the Ordnance
and ^{and} those ^{belonging} ~~appertaining~~ to the
Public Works Department, it has
moreover led to frequent and
repeated complaints of delay
and difficulty in obtaining
stores for the use of the ^{Public}
Works Department, and no
small amount of angry feeling
and ~~recrimination~~ ^{has been produced} ~~has~~ ^{been raised}
between

between two departments, as the Government of India may learn by a reference to the Proceedings recorded in the Com. notes in the margin.

4. Independence of these circumstances, the accommodation in the Grand Arsenal for such large wood heavy machinery as has been recently sent out by the same authorities has been found wholly insufficient, and the Govt. have been obliged to assent to expenditures for temporary sheds ^{to shelter a part of what cannot be received in the Arsenal, which} ~~in the Grand Arsenal~~ but notwithstanding these arrangements a large ^{quantity} of the valuable machinery is ~~represented to be~~ ^{still} exposed to the weather, besides being subjected to much damage in various ways.

Pro. Com.	10 Aug 1858	16 & 22
do	17	35. 36
do	23 Sept	30 & 32
do	12 Oct	107 & 108
do	5 Nov	9. 10.
do	30	30 & 31.
do	21 Dec	130. 131

5. This Government has long

From Govt of India 23 Aug 1858 No 457.
 To Secy to Govt 24 June 1178
 From do 16 July 3305

3311
 long in view ^{had} a change of ^{of} ~~system~~ such as to ~~of the plan which would~~ place the custody and issue of stores belonging to the Public Works Department in the hands of the Chief of that Department, but they have been hitherto deterred from proposing any changes for that object as they learnt from Major Strachey's letter of the 16th July 1858, No 3305, that a similar plan had failed in Calcutta and that the subject had been referred to a Committee of officers, they determined therefore to await the result of the Committee's report which was promised in that communication before taking any decisive steps in the matter.

6. The time has however arrived when it would be unwise longer to remain ^{oppressed}

quiescent. The accompanying
ing letters from the Chief
Engineer more fully describe
the present state of the case.
In his letter of the 21st March
1859 he represents the neces-
sity of having an engine-
ing store and workshop at
the Presidency unconnected
with the Ordnance Depart-
ment for the custody and care of
the valuable machinery
already received and still
expected from England; he
details the arrangements that
would be required for such
an establishment, and sub-
mits a Plan and an esti-
mate amounting to Rs 61,000
for the construction of the
 requisite buildings. In his
further letter of the 6th April
he forwards the report of a
Committee held at the
instance

From Chief Eng. 21 March 1859
From do 6 April 1859

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instance of the Inspector-
General of Ordnance and
Magazines to examine the
machinery, landed from
the "Cressy".

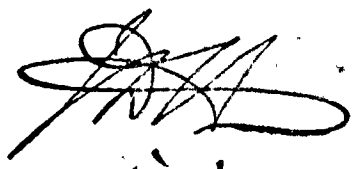
7. Whatever may have
been the causes of the failure
in Dergal, of which this
Government have as yet
received no information,
they are quite satisfied
from the papers that have
come before them that the
plan of a separate work
and store
yard and ~~store room~~ for
the Public Works Department
at this Presidency is quite
necessary; and adverting
to the great and positive loss
actually suffered under the
present practice, they solicit
the immediate sanction of the
Government of India for the
Building and Establishment
affairs

asked for by the Chief Eng^r
bottle of which they consider
to be on a moderate scale.

8. The Estimate has been
already ^{stated} ~~shown~~ to amount
to 61,000 Rupees. The establish-
ment proposed by the Chief
for the duties of landing, ~~receiving~~,
safe ^{custody} ~~keeping~~, and
repairing, ~~issuing~~, ^{see} and of stores
~~amounts to~~ ~~involves~~ charges inclusive of

~~Rs 240 for forty persons of~~
~~Rs 1079-8~~ ^{per mensem} but deducting the
Agency available the net
additional charge will be only
~~no more than~~ ~~Rs 322-8~~

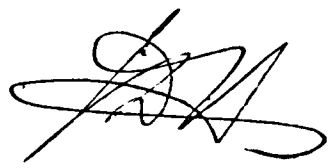
per mensem. In regard
to the ~~Lascars~~ the Government
have directed it to be understood
that the men employed under
that designation are not entitled
to pension like Military Las-
cars. of tabular statement in
the prescribed form accompanies.



The Government of India

India will observe from the
accompanying Extract from
Comm. of the 11th April that the
attention of Colonel Ball,
the newly appointed Chief
Engineer, has been called to
the necessity of establish-
ing an efficient system
of accounts and audit in
the Public Works Department,
and that officer has been
informed, in connection
with the present project,
that it is the design of this
Government that that
system shall include a
simple and effective scheme
of store accounts.

Fort St. George
27 May 1857



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Public Works 1859 Dept.
Cons. 3d May

N^o 1014.

To the Secretary to the Govt.
of India. P. W. D.

D^y 2d May 1859.

From D^y 4th July /59.
C^o N^o 1875 in l^o 29th d^y N^o 44445.

Correspondence on the ne-
cessity of having an Engineering
store and workshop at the Presi-
dency for the Custody of the Ma-
chinery already received and
still expected from England,
forwarded.