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MADRAS RECORD OFFICE.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

G.O. No. 1106 Press
438-539 Mis.

Dated 18-6- 1864.

Not to be folded or roughly handled

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Executive Engineer's Office
Dewlaisweram
5th November 1863.

No 206

From Major J. Stoddard
Executive Engineer Godavery

To Captain A.W.S. Chambers R.E.
Superintending Engineer
1st Division

Sir

I have the honor to acknowledge the receipt of G.O. No 2892 dated 5th ultimo and in reply to your Official Memo No 1426 of the 14th idem to state that the work at present being executed in the Dewlaisweram Workshop is the Construction of the doors for the new Central Sail. I am unable to say exactly what the Value of this work will be but we shall probably have to execute work for the Central Sail in this and next year to the Value of 30000 Rupees

It is also likely that the alteration of the Dumbon Steam Tug will be ordered shortly, the Cost of which will be about

Four

25000 at least.

It is further probable that the Construction of iron boats will be sanctioned in the course of this or next year which will bring in work to the extent of another 25000 Rs

I suppose that within the same period the Yalourpaud and Mogaltoor Locks will be built and the works required to complete the Ellore and Samulcottah Canals will be undertaken. The gates of the said Locks and the wooden bridges over the several inlets and escapes in the above Canals will have to be made in the workshops the cost of these will be about 25000 Rs more.

To the above I might add the repairs which will have to be done to the several Steam Dredges, Steamers both belonging to the Lower and Upper Godavery, the cost of which — it is not possible

to estimate before hand.

Thus far as regards Government work - as for the nature and amount of private work it is out of my power to state what such is likely to be. Hitherto Castings have formed the greater part of work undertaken for private individuals but I fear that the very high percentage which is now being put on work returned part will deter many of our usual Customers from resorting to our Factory again.

In order to reduce this per Centage to a minium I am of opinion that Government should make it Compulsory on the Executive Officers in this and the neighbouring Districts to get all work of any magnitude or importance done at the Dowlaiswaram Factory

I have the honor to be
Sir
Your most obedient Servant
J. H. Dyas Major
Executive Engineer 4th Div.

Dowlaiswaram
5th November 1866

Superintending Engr's
Office 1st Dn, Waltair,
the 13th November 1863.

No. 1676.

From

Captain C.W.S. Chambers R.E.
Superintending Engineer

To

Colonel Charles A. Orr R.E.
Secretary to Government P.W.D.

Madras.

Encls. 1
Orig. letter

Sir,

I beg to submit to Government the accompanying original letter* from the Executive Engineer in temporary charge of the Dowlaiswerum Workshops in pursuance with their wish to be furnished with a full and detailed account of the Character & amount of the Work likely to be performed at the Factory.

2. Trusses and iron gates, doors & windows to the Rajahmundry Central Jail

* No. 206 of 5th Nov. 63.

† G.O. No. 2892 of 5 October 1863

From
The Executive Engineer
Cordonary P.W.
To
The Superintending Engr
1st Division

Dated 5th November 1863
Received

No. 206
Public Works Unit to the Superintending Engr 1st Division
Workshop at Dowlaiswerum
Trusses Iron Gates Doors & Windows
Rajahmundry Central Jail
Grant

jail; iron doors to Waltair Jail; an occasional pair or two of lock gates; trifles to the roofs of the various Sub Magistrate's Cutcherries sanctioned and to be sanctioned; repairs to the Steamers and Dredges; petty works of various kinds, are the works which for a certainty, will be carried out in the Factory during the next two years and the expenditure on them will certainly not be less than 30,000 Rs yearly.

3. Lengthening the Paumben Tug; building iron boats; making up lock gates for the Grand Junction Canal; the execution of these works is problematical, but assuming that some of them are sanctioned for execution during the years 1864/65, 65/66; then 20,000 Rs more annually may be assumed as the disbursement to be made on their accounts.

4. There then remains private work which cannot be estimated for; hitherto the Factory has supplied many individuals, especially with castings, but the high percentage now put on is likely to deter them from continuing customers.

5. I quite agree with Major Stoddard that it should be made compulsory on Executive Officers in the Godavery to get any extensive wood or iron work made up at the Work-shops.

I have the honor to be
Sir,
Your most Obedt Svt

Supg Engineer's Office
1st Dn Waltair
13th November 1863

Rb. Chambers Capt R.E.
Superintending Engineer

Ruth

Received in Office of the Minister of Marine, Ottawa, 1106 Govt. Dept.
United States Mail 18th April 1872

Read Wingfield Hopkins

From the Surveyor 1st Div.
Forwards an Original letter from the Engr. in temporary charge of the Breakwater at Walker's Harbour, with Estimate of funds required during the month of May next for the completion of the Breakwater at that place.

Nº 1106 — 1872 — Dept. of Marine & Fisheries
Marine Engineer's Office
Ottawa, 18th April 1872
Nº 1106 — Dept. of Marine & Fisheries
Marine Engineer's Office
Ottawa, 18th April 1872

The Deputy Minister
of Marine & Fisheries
Ottawa

Sir,

I have the honor to forward herewith for consideration and approval, the accompanying letter from Mr. Boutillier, Engineer in charge of the Breakwater at Walker's Harbour, with estimate of funds required during the month of May next for the completion of the Breakwater at that place.

I have the honor to be,
Sir,
Your obedient servant,
(Signed) H. Wm. Bayfield
Chief Engineer & Superintendent of Harbours & Rivers

Rec'd 20th April 1872 /72 441
Nº 8th May — 1175
Nº 21st — 1286
Nº 13 Accmt — 2286
" 5th Oct. — 2892.

Opinion about the proposed work of an extension of the Breakwater

Copy in Letters to Engrs. p. 29: April 19 1872

2-8-22

Nº 438

Rec. 5th Oct. 1872 Nº 96-98
Copy in Letters to Engrs.
p. 29: April 19 1872

C. 9th April 1864 p. 12.

Nº W 1863 Dept. of Govt. for April.
From Nº 4792

The Supty Engineer
1st Division

To
The Secy. to Govt.
Dept.

Dated 15th Novr 1865
Despd 15th —
Rec'd 21st
Nov 1876.

Forwards an Original letter from the Engr in temporary Charge of the Breakwater work by instructions to proceed with a full and detailed account and Charges and amount of work

Nº 1106 & 1107 - 18th April 1864

likely to be performed in the factory —

and on the Upper
Godavery having faded,
the necessity of esta-
blishing an expensive
factory at Dowlaish
-weram no longer
presses. The work
now devolving on the
new Retrospective compara-
tively of an ordinary
and unimportant
character, without
prospect of immediate
interest. Among the
items of work which
the Superintending Engr
respects the work Retro-
will have to undertake,
the

11

the Govt notices the
alteration of the Rum
-ben Steam Vessel, but
as it has been suggested
to the Secretary of State
that a Contract should
be entered into with the
Master of the Vessel
for the supply of the
yet proving to render
her effective, it will only be
necessary to put those
parts together. The lock
gates for the Godavery
Junction Canal will
not also be required,
as it is not in con-
templation to restore
the

the question of the establishment of that proposed at present. As regards the quantity of private work returned out, it is observed that Major Stoddard is of opinion that the high per centage charged at present will deter many from resorting to the Workshop; and yet the payment of such excessive charges is an unavoidable necessity when an expensive establishment has to be maintained

5th Sept/63 No. 1013

and the outlying out-stations in commencement with its work.

There is no objection to the entertainment of the establishment proposed by the Superintendent, as its cost is within the amount sanctioned by the Govt. of India, but the Government are of opinion that the workshop should be altogether self-supporting, and they think that if the constituted on a footing to meet the requirement of the Division, a special fixed establishment is not necessary. Excluding

Recommending the Superintendent Mr Monenoff, who will be provided for elsewhere, the proposed establishment would cost Rs 916 per annum; but the pleasure to be maintained in filling will present entirely with the Superintendent who will exercise an effective control over the operations of the Workshops and give his attention to the introduction of a system of management calculated to ensure the successful working of the Establishment.

It is essential that the charge for

General branch.

	Rs
1. First class Supervisor for general practical direction and supervision	200
1. Overseer of Carpenters Shop and boat yard	60
1. Overseer of Smiths Shop and Foundry	60
1. Overseer of Fitters Shop	60
1 Accountant ~~for the Superintendent~~	30
6 Lascars. ~~for Superintendent~~ ~~for Superintendent~~ at 6 Rs each	36
Total	446

Store Department

1 Store Keeper	70
1 Dy - do and Accountant	40
1 do do do	30
6 Lascars @ 6 Rs each	36
1 Tindall	7
Total	183

Office and Acct Depts

1 Head Book Keeper and Accountant	100
1 Draftsman & Estimate Maker	50
1 Dy. Accts	50
1 do do	30
1 Pyomastah	15
1 Chuprassy	10
1 Mussalchy	8
4 Peons to take Bills &c	24
Total	287

Grand Total — 916

establishment should be regulated with reference to the work that has to be performed.

The estimates submitted by the Superintendent for improving and enlarging the Factory are as follows.

New Shop for Fitters and Firemen	12.690
Charcoal and Coke Shed	2060
Store Shed	2040
Verandah for Firemens old shop	1930
Shed for boat building	1730
Sawyers Shed adjoining old Mast Shed	1090
Yard wall, and Lean-to	790
	22330

In addition to the above, Col. Chumley recommends the purchase of an Engine, at

at a cost of Rs. 6000,

for driving the machinery.

The Governor

in Council sanctions

the above estimates

amounting to Rs. 22.330

for extending the

workshop building

but the Secretary does

not consider the

[illegible] engines

to be necessary -

Under the present

circumstances, one

of the portable 4-

horse power engines,

now in store, might

perhaps be advantage-

ously employed

in the new Workshop.

The Government

are averse to making

it compulsory on

Officers to get work

done at the Bombay

Arsenal workshop -

There seems no reason

to doubt that if its

charges contrast fa-

vorably with those

at other places, and

for the attainment of

this end the best

possible arrangements shou

should be devised, the work of the Division will be allocated to it and its financial position improved.

The Superintending Engineer will report whether the Post will, under the future organization of the workshop, continue to be employed as at present, in which case his post in the Department will be permanently filled up, or whether

appointment, arrangements being made to fill his place in the workshop.

W.B.

To the Superintg Engr 1st Circle
Do — 2nd Do
Comptr & Audr Genl
Accountant
Financial Dept
Store Dept
F L Monerieff Esq

No 5
Dated 19th April

Copy in a Letter to England
Dy 29th April 1864.

2-8-28

1331/72 3773

(1) 2312

1864 Despatch
Pur: of Govt for Ships

No 1146

Purs of the Algerine
Dy 18th April 1864

Letr 2542 1/4
" 28/4/611

No 488. 489

a. qtr April 1864 Dr. 12th