

*Proceedings of the Madras Government, Public Works Department,
25th May 1875.*

Read the following papers —

No 439 From W PARKES, Esq, to Colonel G. W. WALKER, R E, Secretary to Government, Public Works Department, dated Madras, 4th December 1873

In reply to the question contained in G O, No 2,925, of 4th December 1873, I would beg to submit my opinion that if a thoroughly responsible Contractor can be found who would undertake to carry out the works of the proposed harbour for a reasonable sum, they would be most economically and expeditiously completed by that means. But if his tender exceeded materially my estimate (less 15 per cent for contingencies and superintendence), say, £500,000, I should be disposed to dispense with the services of a general contractor and carry out the work under the Government Engineers

2 But even in this latter case I am of opinion that in a work of so special a character, and for which officers and foremen of special experience would have to be engaged, it would be better that the whole staff should be independent of the Public Works Department organization and responsible to the special authorities of the work alone

3 In such case, and assuming that the Government would entrust me with the organization of the work and appoint me Engineer-in-Chief the following would be the staff, subject to modifications of detail —

	PER ANNUM
	£
1 Engineer-in-Chief (in England)	500
2 Superintendent of Works	1,500
3 Assistant (European)	600
4 Two Native Assistants	500
5 Clerks, Peons, &c	400
6 Extraordinary expenses, say	500
Total	4,000

The expenses of foremen on the work are included in the rates on which the estimate is based

4. Should the work be let by contract, as above proposed, the annual cost of the Government Engineering establishment would be reduced by from £500 to £1,000 by modifications of the three last items

5 The Engineer-in-Chief would have the general direction and control, and would arrange the supply of stores and plant from England. The £500 per annum would cover all his services in England, except actual travelling expenses on duty and a bonus of £500 for the extra duties consequent on starting the work, designing plant, &c, payable when the concrete block work is fairly started.

6 The Superintendent would be recommended by the Engineer-in-Chief, and would have general control on the spot and would be responsible in all Engineering matters to the Engineer-in-Chief, in all other matters to the ordinary Government authorities. The subordinate officers would be under his entire control.

7. I would submit to the favorable consideration of the Government the appointment, in addition to the above staff, of a Committee of Government officials and merchants, to whom the Engineers might be locally responsible and through whom any communication with the Government would be made. I would suggest, as an illustration of

my meaning rather than as recommending it in detail, the following as the composition of the Committee —The Chief Engineer of the Presidency, the Master Attendant, an Officer of the Treasury, and two merchants. The Engineer-in-Chief and Local Superintendent of the Works would correspond with this Committee (or their Secretary) more conveniently than with any existing Government department. Where appeal to the Government might be required it would be made by the Committee to the proper department.

8 The Government Order under reply refers me to my experience of the conduct of the Kurrachee Harbour Works. The above suggestions are not altogether in accordance with the precedent of Kurrachee, as in that case the whole of the executive staff is attached to the Public Works Department, and had been so before I was appointed Consulting Engineer. But although in that case the arrangement has worked well, it is a precedent which I do not think should be extended to a case so different as is that of Madras. There is too much "divided responsibility." The arrangement I have proposed, is however, in its main features similar to that established in other cases where it has been found to be successful.

No 440 From W PARKES, Esq, dated 13th March 1874

No 441 From W PARKES, Esq, to Colonel G W WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 31st March 1875

As I understand the Government of Madras have given a general approval to the scheme for the superintendence of the proposed harbour works put forward in my memorandum, dated 4th December 1873, I would now beg to present in a somewhat more complete form the terms and conditions I would propose for my own appointment as Engineer-in-Chief.

In the abovementioned memorandum I stated—

— "The Engineer-in-Chief would have the general direction and control and would arrange the supply of stores and plant from England. The £500 per annum would cover all his services in England, except actual travelling expenses on duty and a bonus of £500 for the extra duties consequent on starting the work, designing plant, &c, payable when the concrete block work is fairly started."

I would now beg to confirm this proposal, and to add to it the suggestion that the engagement should be held to commence on the date of my approaching arrival in England, and to terminate, unless otherwise arranged, on the expiration of the quarter following that in which the second pier head shall have been completed, with the exception of the lighthouse, the construction of which it may be desirable to delay, till the work has settled.

The above rate of remuneration applies only to services in England. Should it be necessary for me to visit Madras during the progress of the works, I would propose, following the precedent of my connection with the Kurrachee works, an extra payment of £160 per month with all travelling and personal expenses as usual.

With regard to the probability of such visits being required, my aim will be to make such preliminary arrangements as will reduce this to a minimum, but I would

request that whenever the question of the necessity of such a visit may arise, the determination of it may be left to my own discretion, subject to the approval of the Secretary of State, and not be dependent on a special reference to Madras. My reason for this is that the grounds of the necessity or desirability of such a visit might be of a nature which it would be impossible to make clear in an official communication to the Government of Madras without defeating the very object of the visit. It is probable that, as the works advance, a personal inspection may be necessary to enable me to maintain my knowledge of the new conditions which will be constantly arising; but periodical visits are no part of the programme which I submit.

No 442

ORDER THEREON, 25th May 1875, No 1,433

CIVIL WORKS, No 26.

In his Order No. 2,925, of 4th December 1873, His Excellency the Governor in Council remitted to Mr Parkes to

state his views as to the agency by which he would recommend that the Madras Harbour Works as planned by himself should be carried out.

2 Mr Parkes on the same date drew up a memorandum in which he stated his opinion, that if a thoroughly responsible Contractor could be found to undertake the works for a reasonable sum they would be most conveniently and expeditiously completed by that means. Failing which, he sketched out the programme of a sufficient staff to carry out the works under his own direction at an annual cost of about £4,000.

3. After his return to England Mr. Parkes reported, in a letter of the 13th March, the result of his application to ten contracting firms to be that none of them would undertake the work at such a rate as he could recommend the Government to accept.

4 The question of the agency to be employed necessarily remained in abeyance until receipt of information that Mr Parkes' project had been sanctioned by the Secretary of State, when that gentleman, in his letter of 31st March 1875, again laid down in more complete form the terms and conditions on which he proposed to undertake the work.

5 Copy of the sanctioning despatch from the Secretary of State having been received with endorsement of the Government of India, No 129—31 M, of 27th April, the Honorable the Governor in Council proceeds to take action on Mr Parkes' proposals. He accepts Mr Parkes' services as Engineer-in-Chief from the date of his return to England and commencement of preliminary arrangements with reference to the work. Mr Parkes will have the general direction and control, and will arrange the supply of all stores and plant from England, on a salary of £500 a-year for all such services in England except actual travelling expenses. He will receive also a bonus of £500 for the extra duties consequent on starting the work, designing plant, &c, payable when the concrete block work is fairly started. His engagement will terminate on the expiration of the quarter following that in which the second pier head shall have been completed all but the lighthouse. For visits to Madras he will be paid extra at the rate of £160 a-month, with all travelling and personal expenses, the necessity for making such visits being a matter to be left to his own discretion, subject to the approval of the Secretary of State.

*Proceedings of the Madras Government, Public Works Department,
25th May 1875.*

6 Mr Parkes will select and send out a Superintendent of Works, who will be responsible to him as Engineer-in-Chief in all engineering matters, in all others to the ordinary Government authorities, towards whom his position will be that of an Executive Engineer in charge of a special range forming a district also. He will correspond therefore direct with the Chief Engineer and Secretary to Government in the Public Works Department; will obtain credits from, and furnish accounts to, the Controller of Public Works Accounts, and be allowed the usual office establishment of a 1st class range, costing Rupees 171 a-month. His own salary will be at the rate of £1,500 a-year, including all allowances, except when called on to travel more than 5 miles from Madras, when he will draw mileage or travelling allowance as an Executive Engineer without reference to the use of tents.

7. The Superintendent of Works shall have entire control over the subordinate officers, of whom the 1st European Assistant on Rupees 500 a-month, or £600 a-year, (according as portions of his salary are paid in India or at Home,) will be selected and sent out by Mr Parkes. He will be allowed a special establishment costing Rupees 91 a-month. Of the two Native or East Indian Assistants one shall be applied for to the Government of Bombay in the person of Bhumaya Saenna, now a Sub-Engineer, 3rd grade, on the Public Works Department at Kurrachee, with an offer of Rupees 300 a-month, being the pay of the grade above that now held by him. The other has already been engaged on probation at a salary of Rupees 200 monthly from 1st April, to make preliminary surveys and measurements at the laterite quarries. The establishments allowed them shall be maintained at the rate of Rupees 39 and Rupees 27 a-month. The contingent allowance for the offices of the Superintendent of Works should not exceed Rupees 50 a-month.

8 Any officer or subordinate on the works, by whomsoever engaged, shall be liable to have his engagement terminated by Government on three months' notice or payment of three months' salary, with free passage home in either case; and he may be suspended from employment, with loss of half salary while so suspended, at any time, by order of Government, in case of gross misconduct.

(Here enter No 1,434, dated 25th May 1875)

(True Extract)

(Signed) J O HASTED, Major, R E,

Offg Joint Secretary to Government.

To the Public Department

„ Marine „
„ Revenue „
„ Controller of Public Works Accounts,

Exd. S T Austin

Spare Copies

PUBLIC WORKS DEPARTMENT,
OCTACAMUND, 25th May 1875

No. 443

No 1,434

FROM

MAJOR J O HASTED, R E,

Offg Joint Secretary to the Government of Madras,

Public Works Department,

TO

THE SECRETARY TO THE GOVERNMENT OF BOMBAY,

Public Works Department

CIVIL WORKS, No 27

SIR,—I am directed by the Honorable the Governor in Council to apply for the services of one Bhumaya Saenna,

Sub-Engineer, 3rd grade, in the Public Works Department of the Bombay Presidency, and now understood to be employed at Kurrachee, in order that this Government may benefit by his experience in the management of the details of the harbour work at that place in carrying out the similar works planned for Madras and lately sanctioned by the Secretary of State. Bhumaya Saenna has been recommended to this Government by Mr Parkes, and they will be prepared to allow him the salary of the grade of Sub-Engineer above that which he now holds. The works will probably last four years, and it is hoped that His Excellency the Governor in Council of Bombay will be pleased to spare his services for that time, and so greatly oblige the Government of this Presidency.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. O HASTED, Major, R E,

Offg Joint Secretary to Government

Exd. S T Austin

Spare Copies

In reply to the question contained in G.O. No 2925 of 4th December 1873, I would beg to submit my opinion that if a thoroughly responsible Contractor can be found who would undertake to carry out the works of the proposed harbour for a reasonable sum, they would be, most economically and expeditiously completed by that means. But if his tender exceeded materially my estimate (less 15 per cent for contingencies and superintendence) say £500,000, I should be disposed to dispense with the services of a general Contractor and carry out the work under the Government Engineers.

But even in this latter case I am of opinion that in a work of so special a character and for which Officers and foremen of special experience would have to be engaged, it would be better that the whole staff should be independent of the Public Works Department organization and responsible to the special authorities of the work alone.

In such case and assuming that the Government would entrust me with the organization of the work and appoint me Engineer in Chief the following would be the staff subject to modi-

fications of detail.

	Per annum
1 Engineer in Chief (in England) —	£ 500.
2 Superintendent of Works —	1500
3 Assistant (European) —	600
4 Two Native Assistants —	500
5 Clerks, Peons, &c —	400
6 Extraordinary Expenses, say —	500.
	<u>£ 4000.</u>

The expenses of foremen on the work are included in the rates on which the estimate is based.

Should the work be let by Contract as above proposed the annual cost of the Government Engineering Establishment

would be reduced by from £ 500
to £ 1000 by modifications of the
three last items.

The Engineer in Chief would
have the general direction and
control and would arrange the
supply of stores & plant from
England. The £ 500 per annum
would cover all his services in
England except actual travelling
expenses on duty, and a bonus of
£ 500 for the extra duties conse-
quent on starting the work, de-
signing plant, &c, payable when
the concrete block work is fairly
started.

The Superintendent would
be recommended by the ~~Chief~~ Eng^r in Chief
and would have general control

3-
would be responsible in all Engineer-
ing matters to the Engineer in Chief
in all other matters to the ordinary
Government authorities. The subordinate
Officers would be under his entire control.

I would submit to the
favorable consideration of the Govern-
ment the appointment in addition
to the above staff of a Committee
of Government Officials and merchants
to whom the Engineers might be locally
responsible, and through whom any
communication with the Govern-
ment would be made. I would
suggest, as an illustration of my
meaning rather than as recommending
it in detail, the following as the com-
position of the Committee: The
Chief Engineer of the Presidency,
the Master Attendant, an Officer
of the Treasury, and two merchants.

The Engineer in Chief and local
Superintendent of the works would
correspond with the Committee.

(or their Secretary) more conveniently
than with any existing Government
Department. Where appeal to the
Government might be required it
would be made by the Committee,
to the proper department.

The C. O. under reply refers me
to my experience of the conduct of the
Korachce Harbour Works. The above
suggestions are not altogether in
accordance with the precedent of
Korachce, as in that case the whole
of the executive staff is attached
to the Public Works Department, and
had been so before I was appointed
Consulting Engineer. But although
in that case the arrangement has
worked well, it is a precedent which
I do not think should be extended
to a case so different as is that

4
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"divided responsibility" - The ar-
rangement I have proposed is
however in its main features
similar to that established in
other cases where it has been
found to be successful.

W. Parkes

Madras 4th Decr 1873

On 17th/1/74
 Mr. P. ...
 No. 439

Mr 1874 M. J. L.
 From Mr. Parker Esq
 No. 6573 St.
 1874 { M. J. L.
 1875 { M. J. L.
 No. 1420 20.5.75
 Affording in.
 Information as to the
 execution of the
 by which the works
 Harbour works
 should be carried
 out.

No. 439

Madras Harbour.

23 Abingdon Street,
 Westminster.
 13th March 1874.

Sir,
 In further compliance with the request contained in the Government order No 2925 dated 4th December 1873 and in confirmation of my memorandum of the same date drawn up at Madras, I have the honor to inform you that I have conferred with several contractors of high character, with the view of ascertaining on what terms they would be likely to tender for the construction of the proposed Harbour Works at Madras.

In order to facilitate this preliminary step I furnished the gentlemen who consented to go into the question with copies of the quantities on which I based my own estimate, together with such local information as I had myself obtained, and with all particulars of the cost of the breakwater work at Kurrachee - I requested that the estimates should be exclusive of the cost of transporting stone from Trittany and Elmbaton respectively, as it appeared more convenient that this operation should be provided for by direct negotiation between the Government and the Railway Company - In order to make the contractors estimates comparable with mine therefore, there must be added to the former

The Secretary to Government
 R. W. L. D. ...

a sum of £68,000 as per margin, also for Government superintendence say £20,000, and for a proportion of the contingencies which would not fall upon the Contractor say £25,000, making in all £113,000 -

Trutany Granite	£
252,630 tons at 3/12 -	41,036
Elmbaton laterite	
960,000 tons at 6 3/4 -	27,000
	68,000

3. The following is a list of the gentlemen whom I have conferred with, and the substance of their replies.

1. Messrs Henry Lee and Son (Contractors for pier works at Dover and Amsterdam and for deep water foundations of forts in Plymouth Sound) declined on the score of engagements.
2. Messrs John Aird and Sons (Contractors of eminence for public works in this country) declined to undertake works at such a distance from home.
3. Messrs Barnett and Gale (Contractors for Indian Railways) declined on the score of engagements.
4. Mr W F Faviell (Contractor for Indian Railways) declined on the score of health.
5. Messrs Wythes and Jackson (Contractors for Indian Railways - Mr Jackson having for several years managed the Breakwater works in Alderney for his father's late firm - Jackson and Bean) made an estimate, but found it so much in excess of mine that they declined to submit it.
6. Mr Joseph Bray (Contractor for Indian Railways) submits an estimate of £505,800.
7. Mr Jeremiah Ryan (Contractor of Bombay) submits an estimate of £490,673.

8. Mr John Dixon (Contractor for various works in this country and Egypt) submits an estimate of £513,367 -

9. Messrs Reid and Mitchell (Contractors for railways in Ceylon) will submit an estimate to the Government at Madras after making local enquiries -

556,208
113,000
669,208

10. Mr Woolley (Contractor of Madras) will also submit an estimate at Madras.

4. The above three estimates will amount when augmented by £113,000 as above stated, to £618,800, £603,673 and £626,367 respectively as against my estimate of £565,000. If the estimates of Messrs Reid and Mitchell and Mr Woolley are not materially less, I should have no hesitation in recommending the Government to abandon the idea of carrying out the works by a general contract. I had thought it possible that Contractors might see their way to so economizing the works that a sum not exceeding my estimate should include a fair profit and security against risk, but I am not surprised that they have taken a different view. The economy attained at Kurrachee is certainly unprecedented for works of that description, and though persons who have been connected with those works may have full confidence that a like economy may be attained at Madras, I am not surprised that Contractors who have no personal experience of the works should be unwilling to pledge their property on such an issue.

5. My own conviction of the sufficiency of my estimate is not however in any way shaken by this result.

Mr. J. C. - 13. 11. 1871

The difference between it and those of the Contractors is due to the introduction of items such as profit, for which the Government would have no equivalent, and to the charges for risks and contingencies which after all are only possibilities and may very probably be avoided if the Government place the control of the works in the hands of their own officers, being estimated as certainities. In saying this I do not wish to imply that the demands of the Contractors are unreasonable: on the contrary when allowance is made for the indirect character of the information on which they are asked to base their conclusions, and the substantial character of the responsibility which they are asked to undertake, I think them only fair.

6. If the two estimates to be submitted at Madras should be so much lower as materially to modify the conclusion I have expressed above, or if the Government should be of opinion that £40,000 or £50,000 is not more than an equivalent for the Contractors' substantial guarantee, the next step will be to prepare Contract plans and specifications on which final tenders can be made, and this I shall be prepared to undertake if the Government decide on carrying the negotiations with Contractors further. As such documents would be useless for any other purpose however, I shall await instructions.

7. If the Government on the other hand should concur in my recommendation to carry out the work under the direct management of the Engineers, I would beg to confirm the recommendation as to staff contained in the memorandum of 14th December 1873 above referred to, and to solicit instructions on it as soon as the financial and other arrangements are sufficiently advanced.

I have the honor to be

P. H. 1874 Sept

No. 1503 A

From

H. Parker Esq.

Dated 13th March } 1874.
Recd 15th — — }

Informing the views
of certain Contractors and
their terms to tenders for
the construction of the
proposed Harbours works
at Madras.

No. 1432. 25-5-75.

K 440

Madras Harbour
The Government
of Madras have given a general
approval to the scheme for the
superintendence of the proposed
Harbour works put forward in my
Memorandum dated 4th December
1873. I would now beg to present
in a somewhat more complete form
the terms and conditions I would
propose for my own appointment as
Engineer in Chief.
In the above mentioned Memorandum
I stated that the Engineer in Chief would have
the general direction and control
and would arrange the supply of

The Secretary to Government
Public Works Department

"stores and plants from England. The
"£500 per annum would cover all
"his services in England, except
"actual travelling expenses on duty
"and a bonus of £500 for the extra
"duties consequent on starting the work
"designing plant &c, payable when
"the concrete block work is fairly
"started."

I would now beg to confirm the
proposal and to add to it the
suggestion that the engagement
should be held to commence on
the date of my approaching arrival
in England, and to terminate
unless otherwise arranged - on the
expiration of the quarter following
that in which the second pier head
shall have been completed, with the
exception of the lighthouse, the
construction of which it may be
desirable to delay till the work has
settled.

The above rate of remuneration

12
applies only to services in England.
Should it be necessary for me to
visit Madras during the progress
of the works, I would propose,
following the precedent of my
connection with the Kurrachee works
an extra payment of £160 per
month with all travelling and
personal expenses as usual.

With regard to the probability of
such visits being required, my aim
will be to make such preliminary
arrangements as will reduce this to
a minimum, but I would request
that whenever the question of the
necessity of such a visit may arise,
the determination of it may be left
to my own discretion, subject to the
approval of the Secretary of State, and
not be dependent on a special reference
to Madras. My reason for this is
that the grounds of the necessity or
desirability of such a visit might be
of a nature which it would be

impossible to make clear an official
communication to the Government
of Madras without defeating the very
object of the visit. It is probable
that as the work advances a personal
inspection may be necessary to enable
me to maintain my knowledge of
the new conditions which will be
constantly arising, but periodic
visits are no part of the programme
which I submit.

I have the honor to be

Your most obedient servant

W. Parkes

Cl. 6573 A of 1874.

804-Desp/3 No 75-76.

Let to Home Govt No 23 of 29 June 74.

P. H. 1875. Sept.
No. 21/74

From
Mr. Parkes -

Date. 31st March 1875
Recd - 3rd April -

Presenting the terms
and conditions of his
appointment as Engineer
in Chief for the Madras
Harbour Works.

St. No: 1422. 25-5-75.

12441

Desp/3 No 75-76.

C.3-4-75.

For Orders

The ...
...
...
...

It is proposed by
Mr. Parkes that the Super-
intendent of Works be se-
lected by him, and respon-
sible in all engineering
matters to him, as En-
gineer-in-Chief for the
Harbour Works. But that
in all other matters he
be responsible to the or-
dinary Government au-
thorities.

His position in fact
would be that of an ex-
ecutive Engineer in charge
of a Special Range form-
ing a District also, i.e.
it would be identical

The ...
...
...
...

with the positions held by
Lieut Col J. J. Dard and
Mr Chisholm at the
Presidency; with Capt.
Vibart at Bangalore, and
Capt. Marant on the
Heilgherries.

He would therefore
correspond direct with the
Chief Engineer and Secretary
to Government in the
Public Works Department;
would obtain credits from,
and furnish accounts to,
the Comptroller, as any
other Range Officer does;
and be allowed a 4th Class
Office Establishment,
consisting of

1 Accountant	at Rs. 60
1 Draftsman	40
1 Assistant Accountant	30
1 Writer	20
3 Lascars at Rs. 7	21
(one with belt)	
	<u>Rs. 171</u>

This Officer would
receive as ~~salary~~ ^{Rs. 1250}
~~Rs. 1500 a year~~ ^{per annum} including
all allowances; except when
called on to travel more
than 10 miles from Madras.

He would have en-
tire control over the subor-
dinate Officers, viz:

1 European Assistant, at
Rs. 500 ^{or Rs. 600 a year}, susceptible of in-
crease by Rs. 50 a month,
annually, if recommended

for the same; who would
be selected by Mr Parkes,
if he knows a fit man,
or named by the Govern-
ment from the Public
Works Establishment.
In the latter case, he
would remain as a
 supernumerary of his
grade, and draw salary
accordingly, with any

additional Presidency
allowances that he might
be entitled to. Rs. 60213.

Re-establishment.

1 Draftsman. — Rs 40
1 Clerk and Computer — 30
3 Lascars at Rs. 7 — 21
Rs. 91

2 Native or East Indian
Assistants.

One of these, by
name, Bhunaya Saenna,
Mr Parkes requests may
be applied for to the Govt.
of Bombay. He is at pre-
sent a Sub. Engineer, 3^d
Grade in No 250, and
should be allowed a step
of rank to 2^d grade, with
increase of salary to Rs.
300 to compensate for
the move from Murrahee
to Madras. His Re-estab-
lishment will consist

of
1 Writer & Accountant Rs 25
2 Lascars at Rs 7 — 14
Rs. 39

For the second
post Mr Parkes has selected
a person recommended
by the Railway Authorities
on Rs. 200 monthly; who
will make himself ac-
quainted with the Laterite
Quarry ground and be
prepared to show the Super-
intendent of Works how
the line of Railway shall
be carried to it. His
engagement from 1 April
is on probation; his Re-
establishment will consist
of

1 Gymnastah Rs 15
2 Lascars at Rs 6 — 12
Rs. 27

A contingent allowance of Rs. 50 a month may be sanctioned.

Any Officer or Subordinate on the rolls, by whomsoever engaged, should be liable to have his engagement terminated by Government on 3 months notice, or payment of 3 months salary; with free passage home in either case. And he may be suspended from employment, with loss of half salary while so suspended, at any time, by Order of Government, in case of gross misconduct. It is presumed that some provision of the above nature will have been made by the Secretary of State in drawing

17
up the Covenants of those engaged at home, in which case, such provisions will be substituted for the above.

The appointment of a Committee as suggested by Mr Parkes ^{does not seem necessary} is ~~not necessary~~.

His proposals regarding himself may be accepted

Ly. W.

Civil Works / P. W. Dept

Proceedings of the Indian Govt
Read the following

- 1 From Mr. Parkes by - (H.S. d. 1. Dec 1873)
- 2 - do - (18 Mar 1874)
- 3 - do - (31 - 1875)

G.O. no: 1433 dated 25th May/75

M.P.

17.5.75

In his order
No 2925 of 4th Dec 1873
His Excellency the
Governor in Council
permitted to Mr. Parkes
to state his views as
to the Agency by which
he would recommend
that the Madras Harbour
works as planned by
himself should be
carried out

2. Mr. Parkes on the
same date drew up a
memorandum in which
he stated his opinion
that

G.O. 25 May/75
1433

that if a thoroughly
reputable Contractor
could be found to under-
take the work for a
reasonable sum, they
would be most con-
veniently and expedi-
tiously completed
by that means. Sailing
which he sketched
out the programme
of a sufficient staff
to carry out the work
under his own direc-
tion, at a ^{an Annual} ~~per month~~
cost of about £4000.

3. After his return
to England Mr Parkes
reported, in a letter
of the 13th March, the
result of his application
to 10 Contracting firms
to him, that none of them
would undertake
the

the work at such a
rate as he could
recommend the Govt
to accept. 19

4. The question of
the design to be
employed necessarily
remained in abeyance
until receipt of infor-
mation that Mr Parkes
project had been sanc-
tioned by the Secretary
of State; when that
Gentleman in his letter
of 31st March 1875 again
laid down in more
complete form the
terms and conditions
in which he proposed
to undertake the
work.

5. Copy of the sanc-
tioning Despatch
from the Secretary
of

of State having been
received with endorse-
ment of the Govt of India
No 129-31M of 27th April,
His Excellency the
Governor in Council
proceeds to take action
on Mr Parkes proposals.
He accepts Mr Parkes
services as Engineer-in-
Chief from the date of
his return to England
and commencement of
preliminary arrange-
ments with reference
to the work. Mr Parkes
will have the general
direction and control
and will arrange the
supply of all stores
and plant from
England, on a salary
of £500 a year for
all such services in
England except actual
travelling

10 10
travelling expenses.
He will receive also
a bonus of £500 for
the extra duties con-
sequent on starting
the work, assigning
plant & payable when
the Cananda Block
work is fairly started.
His engagement will
terminate on the com-
pletion of the quantities
following that is
which the 2nd River
head shall have been
completed all but
the high dam. For
visits to Madras he
will be paid out at
the rate of £100 a month,
with all travelling and
per diem expenses,
the necessity for making
such visits being a
matter

matter to be left to
his own discretion,
subject to the approval
of the Secretary of State.

C. W. Parker will
select and send out
a Superintendent of
Works, who will be
responsible to him
as Engineer in Chief,
in all engineering matters;
in all others to the or-
dinary Government
authorities, towards
whom his position
will be that of an Ex-
ecutive Engineer in Charge
of a Special Range forming
a District also. He will
correspond therefore
direct with the Chief
Engineer and Secretary
to Govt in the D. M.
will

will obtain Credits
from, and furnish
accounts to, the Controller
of Public Accounts;
And he allowed the
usual office establish-
ment of a 1st Class
Clerk, No 1710 months.
His own salary will
be at the rate of \$1500
a year, including all
allowances, except
when called on to
travel more than ⁵
miles from his office
when he will draw
mileage or travelling
allowance as an
Executive Engineer
without reference to
the rate of travel -
The Dept. of Works
shall have full
control over the public
works of persons of whom

The 1st European Assistant
in Rs 300 a month,
or Rs 600 a year according
as persons of his class
are paid in India or
at home) ~~should~~ ^{will} be
selected and sent out
by Mr. Parker. He will
be allowed a Special
Establishment costing
Rs 91 a month. Of the
2 Native or East Indian
Assistants one shall
be applied for to the
Govt. of Bombay
in the person of
Bharmaya Lalum
now a Sub Engineer
3rd Grade in the Public
Works Department
at Amravati, with
an offer of Rs 300 a
month, being the
pay of the grade
above

above that paid hold
by him. The other has
already been engaged
on probation at a
salary of Rs 200
monthly from the
Govt. for the preliminary
survey & measurements
at the Lakshmi Narayan
The Establishment
allowed them shall
be maintained at
the rate of Rs 91 and
Rs 27 a month. The
Contingent allowance
for the office of the
Supt. of Works should
not exceed Rs 50 a month
8. Any officer or
subordinate in the
works, by whom
was engaged, ~~shall~~
be

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management of the
details of the Harbour
work at that place
in carrying out the
similar works planned
for Madras & lately
sanctioned by the
Secretary of State.
Bhumaya Paenna has
been recommended to
this Govt by Mr.
Parker, & they will
be prepared to allow
him the salary of the
grade of Sub-Inspector
above that which he
now holds. The
works will probably
last 4 years, & it is
hoped that H.E. the

Govt in Council of Bombay
will be pleased to
spare his services for
that time, & so greatly
oblige the Govt of this
Presy Y.M.W. 21

S-C desd 2-6-75.

Since the receipt of
the letter of the 21st
inst. the Govt of
Bombay have been
informed that the
works will probably
last 4 years, & it is
hoped that H.E. the

Applying for the services
of Bhumaya Saenna,
Sub-Engineer of the 3rd
grade, for employment on
the Madras Harbour
Works.

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Gobt. of Madras.
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1434

Nos. 439-442
443

Madras Harbour Works
Passing orders on the provision
of an Establishment for
the _____