

30/10

13th May

14

4

4

News

Reference to his letter
dated 14 inst. has been
received. That the rates quoted
here are accepted as reasonable.

XX Re. Limit to the Porch of 4-10
" Copied & hands of the house
at 2/14. per cft. 18/- for
the pillars of the design
also hold good.

13/5

13/5
new design

13/5
new design

write to me
 Cherry Hall
 the ~~point~~ of view
 are accepted
 by 3/5

Burns Garden
1st May 24.

The Executive Engineer
Karachi Municipality
Karachi

Dear Sir

We have your esteemed favour no. 2692 of the 30th ultimo for which we thank you.

Para. 1- noted with thanks

2. Re: the limits to

porch, we have one

again Computed

our Costs 4 quid

that covering our-

-selves for a verse

...seems for a very
negligible ratio.

negligible rate of
growth. Can

profit, we can
do this thing.

do this then come
back by the 4/12/10

-preli for the 4/12/0
a. Clt. & P. all

a Gov. & shall
be much obliged

be much obliged
to you with kind

If you will kindly

Reconsider & sanction

3. In representing

Our Case re the

ME
Please see
me with
F. C. 1
Jus
F

He. Please
f.e.

One 53
9/5

KMR.CDD.RbQ.1924-1925.0

$$\frac{19}{6} + \frac{19}{6} + \frac{5}{6}$$

227

Capitals & base, we referred to, only those of the big columns.

for which we accept
with the steamer the rate
of \$2 1/2 / 12 / Cfr.

Out. Little ledges &
Columns ^{Capitals} of the smaller
size, columns
to remain as \$18/-
ea, as per tendered
rate.

$$\frac{2\frac{1}{2} \times 24 \times 12}{24} = 30 \text{ m/s}$$

Para 4. For the flat arches
we beg to accept
your ratio of $\frac{2}{4}$ =
Cft.

u 5. noted. We will
furnish samples
as desired.

Referring to the last
Para, regarding R.C.
roof, we beg to say that
our rate for pre cast
segmental slabs, inclusive
of beams, filling in haunches
with 1:3:6 mixture, and
a course of 2 ply maltoid

is. At 129/ = 1/ = 0/0. 5ft.
 & for flat 4" slab roof
 finished with neroo on
 top 1:2, is only At 80/ 0/0. 5ft.
 beams extra at such a
 low figure of At 1/2/ 0/0. 5ft.

We are awaiting a
 copy of revised plans
 showing the latest
 modifications in the
 actual structure, & on
 receipt of the same
 will work the details of
 the roof & dome & submit
 them to you for approval.

Always at your
 service,

Yours fff
 D. L. Haney
 of Chanyro



30th April 4

No 92

4

M e m o:-

Re - New Musuem Building.

With reference to their letter dated 25th April 1924 re - rates for the above building, Messrs. Charry & Coy., are informed that:-

1. Your rates for the jambs to doors & windows, in fine dressed Ranpatani stones complete @ Rs.2/12/-per cft. is approved.
- X || 2. For the flat lintel over columns to Porch, finely dressed on all exposed faces, undersigned will allow Rs.4/-per cft. and not Rs.5/- as quoted by them, kindly acknowledge rate.
3. For the bases & caps of all columns, including setting will be allowed Rs.2/12/- per cft. over
- X || 4. For the flat arches/over the windows & doors in Ranpatani stone with setting with through stone, undersigned will allow - Rs.2/4/-per cft. and not Rs.2/12/- as quoted, kindly acknowledge this rate.
- X 5. For the brass-netting to the windows-shutters, undersigned will agree at the Contract rates, provided that a sample of the brass-netting, should be approved by the undersigned. Further there is no objection for full paneled doors at the Contract rates

Kindly furnish with all details for the R. C. Roof slab beams & precast blocks roof, as per conditions of the contract, giving rates separately for the roof if built in R.C. Concrete & of Precast R. C. Blocks, including Beam slab arches complete.

Executive Engineer.,
Karachi Municipality.

Burns Garden
25th April 24.

The Executive Engineer
Karachi Municipality
In No. Karachi.
25 APR 1924

Dear Sir.

Referring to the written
interview of yesterday. we
beg to quote as under for
works in the museum Bldg:
1-2 pairs of doors & windows
dressed to detail of
Rampatani stone.

2-1 pair Special single stone lintels
over porches. dressed
to detail Rampatani
stone.

3- Bases to columns @ 2/12
capitals } 3-2" x 3-2" x 16" — Cft.

4- Flat arches, through
stones. @ 2/12 Cft.

237
Copper netting is not
available. Brass netting of
approved mesh & strand
to be substituted for Venetian
at the tendered rates for
latter.

No extra to be charged
for the door shown
fully panelled.

Yours off
DR Chang
*agreed. [unclear]
[unclear]
[unclear]*

New Museum Building

232

Sir

The following rates and particulars should be given by the contractor - Messrs. Chetty & Co. Karachi

- 1 - Rate for the Copper netting for the window shutters - The sample should be supply for the approval -
- 2 - Rate for the doors - Part painted and part glazed also for the full painted (design of door has been given by you) Doors for the main entrance door
- 3 - Rate for the Jamb to main entrance door in Rampurani Stone
- 4 - Rate for arches to windows - Stone should be all through stone
- 5 - Rate for the Stone lintel plate to Porch - in Rampurani Stone rate to include fine dressing on three sides
Length of Stone required 9 feet

W. S. Chetty

A. J. Chetty

Head draftsman

24 ⁴/₂₄

6.0 9.0 1462.0
180 c/b

232

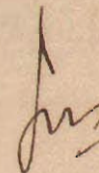
2684

30th April 4

4

M e m o:-

Reference to their letter dated 16th April 1924, Messrs Charry & Coy., are informed that 6" x 4" frames for the door & windows will do.



Executive Engineer.,

Karachi Municipality.

KMS

urgent!

New Museum.
Burns Garden

16th April 24.

The Executive Engineer
Karachi Municipality

Dear Sir,

Re: the size of the door
+ window frames, our friends
have just written regretting
that their arrangements have
unfortunately been completed
already, & that it is now
too late to alter the sections
of the scanning.

As much as we would like to have carried out your wishes, we are extremely sorry we are helpless.

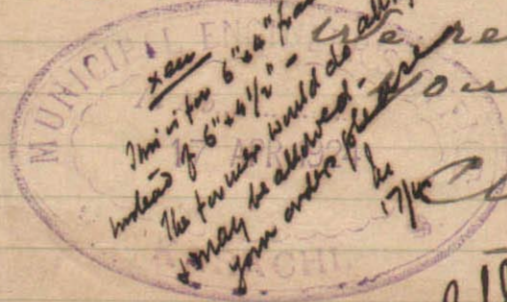
With sincere regards
one more, ^{me} ^{right}

Xerox
 This is for 6" x 6" from
 a 6" x 4 1/2" - 4 1/2" remain
 would do
 moved -
 yours faithfully

17/4 *Cherry*

Reply 6x6 from
with do. per 47
30

40



235
4

9th April

4

2241
10a

M e m o:-

Messrs. Charry & Coy are informed in reference to their letter dated 29th ultimo regarding New Museum, that since their writing above a new arrangement has been ~~made~~ suggested as per this office No.2141 dated 7th instant.

Executive Engineer,

Karachi Municipality.

11/11



Municipal Engineer's Office

Ref. H^o EX-2305 April 1924.

Memo-

Re: Proposed Musizum

Messrs Cheary & Co are directed to prepare
the P-T frames of Doors & Windows as per attached
sketch the detail of Shutter will be follow

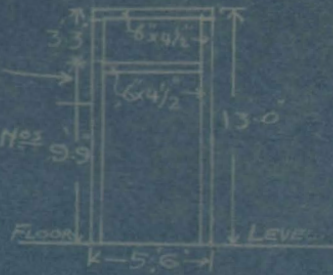
Ex: Engineer

apx Karachi Minis

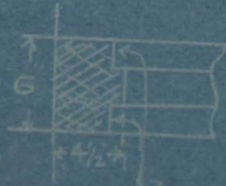
SKETCH OF DOORS & WINDOWS FOR MUSEUM BUILDING.

DOORS - 5'-6" x 13'-0" = 6 NOS
FRAME 6" x 4 1/2"

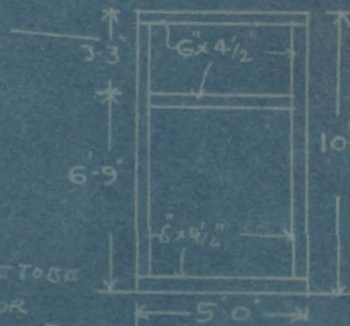
ALSO DOORS 5'-0" x 13'-0" = 8 NOS
FRAME 6" x 4 1/2"



WINDOWS 5'-0" x 10'-0" = 6 NOS
FRAME 6" x 4 1/2"



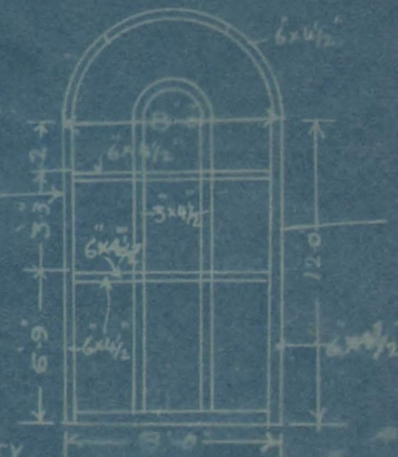
3/4" GROOVE TO BE
PROVIDED FOR
SHUTTERS ON BOTH SIDES.



WINDOWS TO END WALLS

3 NOS THUS

OUTER FRAME 6" x 4 1/2"



EXECUTIVE ENGINEER
KARACHI MUNICIPALITY

A. S. Nair
11/24



KARACHI MUNICIPALITY.

Extract from the Proceedings of the Managing Committee Meeting of the

Karachi Municipality held on the _____ 192

SUBJECT—

26. Submitted Memo No. 2160, dated 7th April 1924, from the Executive Engineer, requesting sanction to pay the attached bill amounting to Rs. 81-14-0 from Messrs. Charry & Co., Contractors for the construction of the new Museum building on account of expenditure incurred by them on cutting the trees and clearing the site for the new Museum building in the Burns Garden.

RESOLUTION No. 700

Payment sanctioned

No. $\frac{700}{26}$ OF 1924

Municipal Office.

Karachi, 15 April 1924

MEMO:

True extract forwarded to the Executive Engineer

for information.

Amr. Engineer
to note & return
Memo. 15/4/24

to L
15/4/24

Quatlock
For Chief Officer,
Karachi Municipality.



239

4th April

4

2/60

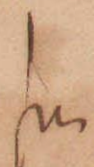
4

The Managing Committee.

M e m o:-

Undersigned has the honour to state that Messrs. Charry & Coy., the Contractors of the Museum were ordered to cut all the trees and clear the site which came in the way of constructing the Museum in Burns Garden. They have done so & submitted their bill amounting to Rs.81/14/- (herewith attached) being the expenditure incurred in connection thereto.

Sanction is therefore requested to make this payment. The expenses shown in the bill are reasonable.


Executive Engineer.,Karachi Municipality.




4th April 4

4

21417c

Messrs. Charry & Co.,

M e m o:-

This Office No.E/1787 dated 25th ultimo has some points which are objectionable from an Audit point of view, and therefore requires amendments as under:-

1. Cornice - Ghizree cut stone one foot in width in plinth as per detailed drawing, work be paid at Rs.125/- per 100 cft.as an additional item. Backing of cement concrete will be paid as per item No.4 of contract.
2. Random Rubble in founds to be set in 1 : 4 of cement mortar instead of 1 : 5. Extra cement to be paid at Rs.2/- a cft. of cement.
3. For Walls in plinth, which are visible, cement blocks will be built as per contract. Backing may be in mass concrete, work to be done in stages of 12" courses. All blocks to be smooth & joints to be pointed as per detailed drawing shown.
4. For re-inforced concrete founds, an extra item of fixing re-inforcement & making shuttering will be paid at Rs.350/-lump sum.
5. "Floating" will be paid as an extra item at Rs.7/8/-per 100 Sft. laid complete.
6. Lime concrete will not be required in item No.9.

This is settled as per view of 3rd rate by you

ME to Mr. L. S. H.

*Executive Engineer.,
Karachi Municipality.*



241

3rd April 4.

2031

4

Messrs. Charry & Coy.,

M e m o:-

Re - Museum.

.....

The accompanying Detailed plan of Columns & Cornices for the Museum Building is forwarded for carrying out the work in accordance with the plan. *These plans were seen by you long before -*

Executive Engineer.,

Karachi Municipality.

URGENT

1999

242

2nd April 4

4

Messrs. Charry & Coy.,

M e m o:-

Re - Museum.

.....

Yesterday I gave you instructions about the concrete walls in plinth and you agreed to carry out the following orders:-

- (1) Centerings to be perfectly even and out of winding with no holes in the planks, and no work to be done until I had passed it.
- (2) Shingle of the Standard size will be accepted i.e., between $\frac{1}{4}$ " and $\frac{1}{2}$ ".
- (3) Present shingle is mixed with a large proportion of sand, which must be screened.
- (4) One sample piece of the Standard shingle was made by me with my own hands to serve as a sample to be followed.
- (5) Finer shingle was allowed to be used for face walls and the other mentioned in (4) for interior walls.

None of these instructions were followed. My Maistry tells me that he prevented the men working, but you insisted to go on at your risk.

Centering was shown to your man full of holes and as much as $\frac{1}{4}$ " short in thickness. One of the centerings broke off because side supports were not strong.

Unscreened Shingle was used.

I have stopped this work.

Will you please explain why the orders, which are agreed to by you, are not carried out?

Executive Engineer.,

Karachi Municipality.



KARACHI MUNICIPALITY.

TELEPHONE No. 6.

Municipal Office.

J. N. SETNA.

KARACHI.

B. Sc. (Gr. A6), ETC.,

EXECUTIVE ENGINEER.

Dated 1st April 1924.

REFERENCE No. E. 1981 of 1924.

M e m o :-

Re - Museum in Burns Garden.

Undersigned has the honour to report to the Managing Committee that the following charges in the construction of the work have been made by me for giving greater strength which necessitates addition & alteration of the rates as given under:-

- Item (1) - Top of plinth cornice to be in Ghizree Stone instead of mass concrete. Rate for Ghizree Stone Cornice is Rs.125/-per 100 cft.
- Item (2) - Mortar for rubble masonry to consist of 1 cement and 4 sand instead of 1:5 specified. Extra rate for this is Rs.3/-per 100 cft.
- Item (3) - Flooring to have lime concrete underneath instead of dry metal. Extra rate is Rs.7/8-per 100 cft.
- Item (4) - Whereever water was met with in founds, bottom course of concrete is changed to 1 : 2 : 4 instead of 1:3:6. Extra rate is Rs.22/8-per 100 cft. Also to allow centering in the founds, a sum of Rs.350/- is paid to cover the extra cost.

for me

Executive Engineer.,

Karachi Municipality.

1/4
OB

in 17/4/24
please cancel
the office copy
& file
un.

198

1st April 4

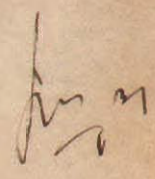
4

M e m o:-

Re - Museum in Burns Garden.
.....

Undersigned has the honour to report to the Managing Committee that the following charges in the construction of the work have been made by me for giving greater strength which necessitates addition & alteration of the rates as given under:-

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- Item (3) - Flooring to have lime concrete underneath instead of dry metal. Extra rate is Rs.7/8-per 100 cft.
- Item (4) - Whereever water was met with in founds, bottom course of concrete is changed to 1 : 2 : 4 instead of 1:3:6. Extra rate is Rs.22/8-per 100 cft. Also to allow centering in the founds, a sum of Rs.350/- is paid to cover the extra cost.



Executive Engineer.,

Karachi Municipality.



Chief Officer

Some trees were cut
by the cont^r for Museum ~~on~~
~~the reg~~ instructions from the
Asst. Secy to clear the site.
Expense is \$1/14. Is
sanction of the M.C. necessary?

Another for report please.

from the
31/14.

We write to the M.C. for
the 31/14.

Yrs.
31/14.

23/14.

245

246-1

Y.

The President & members of the M.C.

Memo:

The U/s has the honor to submit herewith a copy of this office No. E/1787 of 15/3/24 for information & approval. The net increase under items 1, 2, 6 & 8 will be as under:—

	Quantity	net increase	Rate for 1000 Sq. Yds. Paid in 1923	Rate for 1000 Sq. Yds. Paid in 1924	Rate for 1000 Sq. Yds. Paid in 1925
Item 1 —	401 cft	R. 204/-	@ R. 50/-	25/-	75/-
" 2 —	20815	R. 624/-	@ 4/-	38/-	
" 6 —	6508	R. 488/-	@ 7/8 extra.		
" 8 —	4854	R. 1092/-	@ 75	52/8 for this	extra
" "	3551	578/-	at R. 350/-		net
" "	3333	578/-			

Item No. 1 — The plinth is according to design to be made of Cement blocks. This has been retained, but in the top course of Geyri stone 1 ft deep has been provided for, as a building of this kind ought to have one.

Item No. 2 — The specifications provided for 1:3 of Cement in the R. Rubble of the Foundations. This is rather a

Weak mixture. Hence 1:4 has been provided for which will need more cement - The value of the extra cement works out to Rs 3/- which have been added to the tendered rate for this item.

Item 6 Flooring has been designed to rest over 6" of dry metal. This is a weakness - Consequently Lamin Concrete instead of dry metal has been provided for. This will need the use of Lamin Mortar - Rs 7/8 per 100 sqft extra has therefore been proposed for this item -

Item 8 - Proportion 1:3:6 provided for in the tender is too poor for the bottom course, hence 1:2:4 has been provided for & the Contractor allowed Rs 75/- for 100 sqft of concrete for the latter against 52/8 of the former kind.

" - Rs 350/- for Shuttering the Central Tower, in the foundations of which some re. reinforcement has been made use of, have been proposed to be paid to the Contractor & also Rs 572/- for the cost of Re. reinforcement.

The Works therefore require Rs 274 the necessary sanction may please be given.

ME Secretari from CO. it
 (2) (6) & (8) would
 getting such

Let the letter for
 the contractor ask
 the draftsman to
 report answers
 after 1.2.148.14
 not a reply
 me.

ME
 Let the letter
 go to cont.
 & draft
 letter to
 M/C.

I had as already informed
 Consulted the C.O. we shall
 have to send a report to the
 me about items notice by you
 & also for items No. 1. I
 had requested you last Saturday
 ask the draftsman to find out
 Quantity.

24/3



Heritage

KMR.CDD.RbQ.1924-1925.C

247-2

247-2
 please get the Quantities
 from the 1st draftsman - no
 report to the L.C. can be sent
 till no report is received.

26
 73

Quantities given by the
 1st draftsman are
 being attached.

26 73
 24

He
 I want Quantities for items
 1, 2, 6, 7, 8 for the present
 and job price for same.

Quantities
 shown in margin
 A. J. Fair

Quantities attached
 27/5/24

Note on the roof on the central portion
of the Museum.

1. According to the specification in the contract, the roof in the central portion underneath the dome is to be of plain re-inforced concrete slab with beams, without any waterproofing cover.
2. Roof over the side wings however is described as precast segmental arched roofing 4" in thickness placed over subsidiary beams which rest over main beams 32' feet long. This roofing is to be covered with Malthoid. These precast blocks are to be 8 feet long and about 2 to 3 feet wide. The arrangement could be as per isometric sketch below.
3. My experience is that in re-inforced concrete precast units particularly in a roof are a source of weakness, because the construction is not made monolithic, and every joint in precast slabs is a source through which water is likely to leak. Besides hauling up of each block, which will weigh from 500 to 700 lbs according to the width, will produce stresses in the slab not allowed for.
4. But one of the principal objections is due to the long span of the main beam which is 32 feet centre to centre of the columns. In re-inforced concrete structures, it is very economical to stress steel & concrete to their safe limits of stress viz., 15,000 lbs and 600 lbs per square inch respectively.

By having these stresses to develop simultaneously, the economic design of the main beam is calculated to be 47" width of the beam

depth to be 26". ~~Calculated to be 47" x 26"~~. The required

a heavy size of beam is required in that the strength

of a slab over a 32' beam is lost in this case, as the

interior precast portion of the museum.

Stresses in steel & concrete are not to be developed to

allow it is possible to reduce the depth of the beam by

inflection at the top of the beam. Such a beam of 47" x 26"

direct over the 32' span would give a span to be 24' x 26"

which would be in line with the existing structure.

By having these stresses to develop simultaneously, the economic design of the main beam is calculated to be 47" x 26"

depth to be 26". ~~Calculated to be 47" x 26"~~. The required

①

1/2" for width

249.1

②

4 1/2" for the
No 3 with product
1:4 of cement
mortar.

③

No extra rule
for cement block
masonry if
made in situ.

④

Cherry with acacia
15 ft. rule for
scaffolding.

249-2
Cherry
give into for
goth house
Rate for floating
to only ^{prayer} come
matter of ^{float} ability.

(7) Lime concrete
widened A corner
to be
left low to be
be made or hand
for it entire
 $7/8$ bar 100 c-ft.

pp 11
(8) To attach but
bar of columns



242-3.

Extra
~~Sept~~ 73

- cost of Reimbursement

2



Xen

Before your joining duties here, I had asked Mr Chetty to let the grounds of the museum cleared of Palm trees and other vegetation, ~~pro~~ promising to pay to him actual expenses & a little profit. There were 19 trees which have uprooted. The accompanying is the actual cost as stated by Mr Chetty. I would recommend Rs 99/- all owing to him Rs 87/- as profit. L M is ~~con~~ ~~recomm~~ ~~ending~~ ~~for~~ 26/3



25

250-2

~~There are~~

~~There is~~
Mr's Sauchin is not
necessary - you have
power to Sauchin it

427/3

He Is this interpretation
correct? CO told
me that we can
not stand more
than 50% without
sanction!

The
 is no money in
 expenditure
 of \$100
 Thousands
 of you



New Museum Site
Burns Gardens,

26.3.24.

To

The Executive Engineer,
Karachi Municipality.
Karachi.

Dear Sir,

We beg to inform you
that after completing the foundation
for the 'dome', there will be no
power pump required for draining
the foundation & unless, you desire
us to keep the pump on, we propose
to remove ~~the~~ ~~it~~ ~~pump~~ away, probably
tomorrow.

Yours faithfully

Cherry Ho



A/E Please ask
the contractor
see me
you have decided this today
by 1/4 F. J. 11

1802
25th March 4.

No 4

M e m o:-

Messrs. Charry & Co., are informed that as personally set-
tled on 22nd instant, they will be allowed Rs.7/8-per Sq. feet of
Flotine used under damp proof course.

They are allowed to use Ranpathian stone, in place of
Hub stone - Payment will be made at the same rate as for Hub stones.

L
15/3

Executive Engineer.,

Karachi Municipality.



CHARRY & CO.,
CONSTRUCTIONAL ENGINEERS
AND
CONTRACTORS

OPP. OLD SMALL CAUSES COURT,
BUNDER ROAD,

KARACHI, 29th March /24

192

The Executive Engineer,
Karachi Municipality,
KARACHI.

Dear Sir,

Re: New Museum.

We beg to acknowledge receipt of your favour No: 1787 of 1924, dated the 20/25 th inst: for which we thank you.

Para 1,2,6,8. All these we confirm in terms of your letter

" 3, The plinth will now be moulded in situ, using smooth planks for all exposed surface in the outer walls, and joints shown as directed after striking the centerings.

4, While agreeing to accept any extensions to and alterations in the existing contract at the tendered rates, we would with your permission point out that due to abnormal pumping that is entailed in the excavation work, we have had to actually spend over 8/- rupees per % cft: and we will leave it entirely to you to sanction a fair rate for works under that item alone.

" 5, We have already submitted our rates for Jhdpur stone works. The question of Floatine has already been decided by you since.

" 7, You have also since decided about Ranpatani stone.

In the event of any extension you will of course allow us a reasonable extension of time for the completion, we nevertheless ever keeping well before us the- how urgently you need the premises.

Always



2385
ME
This is our new
plan for the
excavation
in the
center.

2 Refr. since your
order for
a new
excavation
has been
made.

Me.
Copy
27/4.

254

CHERRY & CO., _____

#2-

Always with pleasure at your service,

Yours Faithfully,

Cherry K.

255

1787

20th March 4

25 4

M e m o:-

Messrs. Charry & Coy., Contractors for Museum are informed that as arranged at their interview, the following rates will be allowed to them for the items shown below:-

1. Cornice - Chizree cut stone one foot width in plinth as per detailed drawing given to them will be paid for @ Rs. 125/-per 100 Cft. This rate will be allowed for the stone work only, the backing of cement concrete blocks being paid for at the tendered rate of item No.4.

401 cft

2. The Bandum Rubble in foundations should be set in 1:4 of cement mortar instead of 1:5, the Contractors being allowed Rs.41/-per 100 Cft. of masonry instead of Rs.38/-of the tender.

20815 cft
243+3 cbs-

3. As requested by them the Contractors are allowed to construct cement block in plinth in situ, but they should note that no extra rate will be allowed to them for this item. They should please see that smooth boarding is used for frame work to ensure good regular surface. The frame work should be struck off one day after filling in, horizontal raking $3/8$ " away should be made for showing joint, which should be 3" deep when finished. The outside surface should be given a proper finish to remove honeycombing.

624

4. The Contractors will accept the work of extensions, if any, at the old rates, as agreed to personally.

5. The Contractors would as promised quote rates for Jodhpur stone lintels & cornices & also for Damp proof course-Malthoid - with floatine.

6. In item No.9 the Contractors will please use 5" lime concrete instead of broken stone metal of the tender. They will be allowed Rs.7/8-per 100 Cft.of concrete to cover the cost of lime mortar that will be used therein

6508 cft
13016-8/8-

7. They will please show to the undersigned the kind of stone the Contractors wish to use for the bases of columns.

8. Since the undersigned has decided to use some re-inforcement in the foundation of the dome, the Contractors will be paid Rs.350/-~~xxx~~ extra plus their tendered rate for cement concrete 1 : 3 : 6. The rate for the 1st 9" layer of 1 : 2 : 4 being Rs.75/- as decided before. The Municipality will also pay the actual cost of re-inforcement used.

4954

1-2-4 - = 4368 cfs-

1-3-6 - = 24352 "
22657

The Contractors are requested to confirm acceptance of these rates by letter to avoid further reference.

[Signature]
21/3

21/3

Executive Engineer.,
Karachi Municipality.

256

1643

14th March 4

4.

Messrs. Charry & Co.,

Re - Museum.

Please note that the height of the plinth top course would be reduced by 1 inch.

We have discussed this to-day.

Executive Engineer.,
Karachi Municipality.

*Amended.
Please make the
change in the
drawing
and send it
to me.
Jus.*

*Noted
G. F. H. B.
15-3-25*

Karachi 5-3-24

257

Munim
To The Executive Engineer
Karachi Municipality

Sir

I beg to report that as per your verbal orders. the contractor of the new museum foundation off. has not dug the cement concrete upto (5 p.m.) & he says that he will do so tomorrow.

Respect your order

A/E see me
for 3/24

I beg to remain Sir

22/3/24 Mistry Adam Ibrahim



Museum

258

1558

11th March 4

1

To,

Messrs. Oddin Taylor & Pratt, Ltd.,
K A R A C H I.

Dear Sirs,

I have to request you to kindly supply one Roll of Paper No.6, for Museum foundation at Burns Garden and submit the bill for payment.

Yours faithfully,

*The
articles have
been received &
paid by Messrs Chany & Co
for museum
8/4*

11/3
Executive Engineer.,
Karachi Municipality.

11/3



13th February 4

/ 976 of 1924.

Memorandum.

With reference to their letter dated 13th February 1924, Contractors, Messrs. Charry & Coy., are informed that no extra cost will be allowed. We should try to accomodate each other. If a reasonable saving be made in the work for Contractors like you, to demad such costs, becomes ^{rather} ~~more~~ disheartening.

h/3/24
Assistant Engineer,
Karachi Municipality.

Burns Garden. 260-1
13 Feb 24.

The Asst Engineer
Karachi Municipality
Karachi.

Dear sir

As per Verbal instructions of
the Sub-Engineer last evening
the remaining height of Cement
Concrete in foundation representing
a depth of 1'-9" will be done
only 4'-0" wide. We have
started accordingly. as this
naturally entails Centerings
on both the sides, we shall
be pleased to do it at an
extra Rs 20/- Twenty only of cost.
which will be the actual
cost, practically. Will you
very kindly confirm the
same.

Thanking you
yours off
Cherry R



260-2

Repts no extra cost will be
allowed - we should try
to accommodate each other
if a reasonable saving be
made in the work for a
Contractor like you to
demand ~~that~~ ^{such} cost ~~then~~
become other disheartening

Yours
J. J. M.

Burns' Gardens 261

9.2.24.

To

The Assistant Engr
Karachi Municipality
Karachi:

Dear Sir,

we beg to inform you
that one lot of foundations
will be absolutely ready
by tomorrow Evening and
we propose commencing the
same on Monday morning
& shall be much obliged
if you can make it con-
venient to pass the same
at any time after 12 noon
tomorrow. Simultaneously you
might inspect sand & gravel
also of which we have already
collected a decent stock.

The foundation
have been prepared.
The struggle screened
was all right.

Yours faithfully

Cherry

11/2/24

Ld. file

13/2/24 14

I have been
at the foundation
on 11/2/24
15/2/24



262

5th February

679

4

M e m o:-

Contractors, Messrs. Charry & Coy., are informed that undersigned confirms the verbal orders given to them for laying of 9" cement concrete 4:2:1, and the remaining cement concrete to be of 6:3:1.

Sd. Kamberali Bhatedina.

Assistant Engineer.,

Karachi Municipality

MBS.5/2/24.

No.E/ 680 of 1924.

Karachi, 5th February 1924.

Copy forwarded to the Ex. Engineer for information.

ME L. J. M. 25/2
The Engineer

L. J. M. 25/2
6/2/24

Assistant Engineer.,

Karachi Municipality.

MBS.5/2/24.

File L. J. M. 25/2

File L. J. M. 25/2

(Municipal
Building)



5th February

4

679

4

M e m o:-

Contractors, Messrs. Chetty & Coy., are informed that undersigned confirms the verbal orders given to them for laying of 9" cement concrete 4:2:1, and the remaining cement concrete to be of 6:3:1.

L. G. M.

Assistant Engineer.,

Karachi Municipality

MBC.5/2/24.

No.E/ 680 of 1924.

Karachi, 5th February 1924.

Copy forwarded to the Ex. Engineer for information.

L. G. M.

Assistant Engineer.,

Karachi Municipality.

MBC.5/2/24.

Also to:-

No.E/ 681 The Supervisor for information.

264

5th February

4

661

4

M. S. S. 91-

Contractors, Messrs. Cherry & Coy., are informed that the cement concrete in the foundation of the Museum will be 3" above water level with 4'-3" in depth and it should be brought to 3" above water level atleast.

L 5/2/24

Assistant Engineer.,

Karachi Municipality.

MBS.5/2/24.

No.E/

66r

of 1924.

Karachi, 5th February 1924.

Copy forwarded to the Executive Engineer for information

L 5/2/24

Assistant Engineer.,

Karachi Municipality.

MBS.5/2/24.
Similar to:-

No.E/

66s

The Supervisor for information.

L 5/2/24



265

4th February 4

/ 626

4

M E M O:-

Re - New Museum Building.

Contractors, Messrs. Charry & Co., are informed in reference to their letter dated 23rd Ultimo, that the pump could be availed on payment of charges, but the hose pipes are not ~~not~~ available. If they can arrange for the hose pipes, they can have the pump.

/ 64/2/24
Executive Engineer.,

MBS.4/2/24.

Karachi Municipality.

No.E/ 627 of 1924.

Municipal Office,

Karachi, 4th February 1924.

Copy forwarded to the Supdt. of Machinery for information. The pump may be supplied if required by them, on payment.

/ 64/2/24
Executive Engineer.,
Karachi Municipality.

MBS.4/2/24.

uu



KARACHI MUNICIPALITY.

266

TELEPHONE No. 6.

KUMBERALLI BHALEDINO L. C. E.
ASSISTANT ENGINEER.

MUNICIPAL OFFICE,

Karachi.

Dated 30th January 1924.

REFERENCE No. E / 588 of 1924.

~~XXXXXXXXXX~~The Executive Engineer.

The Cement Concrete in the foundations of the Musuem will be 1 feet below water level with 3 feet depth as per design. I think we should bring it to 3" above water level at least. If so, it will be 4'-3" in depth. What are your orders on the subject?

Sanjiv. M. S.
31/1/24
Assistant Engineer.,

MBS.30/1/24.

Karachi Municipality.

A/E I agree. Please prepare a sketch we agreed upon, and work out the excess cost over the estimate so that it may be in the file.

Some time I asked you to get out a sketch for the filling of earth & relative levels of plank & road. Please let me have it.

Send order for 4'-3" to the Contractor by 4/2/24.

Sanjiv
2/2



267

30th January 4

1.2.24

4

/ 585

~~XXXXXXXXXX~~The Executive Engineer.

The Cement Concrete in the foundations of the Museum will be 1 foot below water level with 3 feet depth as per design. I think we should bring it to 3" above water level at least. If so, it will be 4'-3" in depth. What are your orders on the subject?

MBS.30/1/24.

21/1/24
Assistant Engineer.,

Karachi Municipality.

un

765

31.1.24

Byrno Garden.

31. 1. 24. 268-1

The asst. Engineer
Karachi Municipality
Karachi

Dear Sir

Will you kindly
instruct Mr. Chinnantal
to give foundation levels
positively tomorrow. He
has kept me waiting
two days already

Thanking you
yours faithfully

He
Please send him
him for special man.

Cherry to

Mr Chinnantal for Compliance

A. R. Raza

31/1/24.

Sir,

Level pegs for the foundations have
been given this morning.

File 1/1/24
9

J. Raza
c/o
1/2/24



268-2

4/1/14

7/2

Superintendent

3/1/14

Dear Sir

I have the honor to acknowledge the receipt of your letter of the 21st inst. in relation to the above mentioned matter. The same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
Yours truly,
J. H. [Signature]

Very respectfully,
J. H. [Signature]

Superintendent

3/1/14

Very respectfully,
J. H. [Signature]

off
10/1/14

This
is
very
kind
of
you
a-ik.

McLachlan
1/1/14



826/

269

New Museum Site
29 Jan 24.The Executive Engineer
Karachi Municipality
Karachi
C. Concrete in foundation

Dear Sir

Will you kindly confirm
your verbal orders, to do
first one layer of 9" of concrete
H:2:1, and then the remaining
concrete to be of 6:3:1. The
agreed rate for H:2:1 being
Rs 75/-/- of cft. ~~approved~~Thanking you ~~for~~see
for your orders

Yours faithfully

Cherry Ro

31/1/24.

H.C. put up
the rate of concrete
1:3:6
to 31/1/24ME write to the
contractor to confirm
the order. work up
the excess
for 8/24Rs 52/-/- because of
write for
4/2/24



Xen
I think we
can send to
him a pump
from the workshop.
to 23/1/24

Karachi 22nd
23rd Jan 24

576

The Ex Engineer

Karachi Municipality
Karachi



Dear Sir

As the foundations of the

New Museum are full of water,
We shall thank you to kindly send
us a hand pump, ^{if necessary hose} for a few weeks
until concreting is completed

S.O.M

can you put one
contractor pump in at all?
working order
Yours faithfully
Jas. H. Chetty



280-2
 Ex Engr

There is an order
 from the Co. that no
 machinery Tools etc. should
 be sent out to Contractors
 without his sanction

I am also in favour of
 this order as the Contractors
 invariably bring the Plant
 in a broken condition & there
 has to be a lot of correspondence
 before they can be got to pay
 for the damage

Call
 25

S.A.M

All I want to
 know is whether
 the contractor found
 it in working order.
 I will see to the
 permission required
 of the C.O.

26

XEN

The Pump is in order, but
 there are no section or delivery
 signs

Call

30

A/E Tell the contractor that
 if he provides the hose later,
 it can be charged
 on some ~~contract~~ charge

July
 1



Municipal Office,

Karachi 17th January 1924.

No.E/ 342

of 1924.

M E M O /-

Assistant Engineer.

Re- New Museum.

It is decided that the founds of this building should be taken to :-

- (1) Hard sandy bed on the west side.
- (2) Hard blue clay on the east side.

Care should be taken that a thin layer of sand or blue clay should not be the strata on which the founds are taken. The concreting should be done in stages starting from one end so that water may be easily removed. Founds should be carried in steps when adjacent depths in one line of wall vary.

Please work out what ~~extra~~ will be the extra cost if the first 9" layer concreting be 1:2:4 concrete instead of 1:3:6.

All trial fits to be paid for.

Executive Engineer,
Karachi Municipality.

*Instructions carried out
to 15/1/24*

Municipal Office,

Karachi 17th January 1924

No.E/ 342

of 1924.

272

M E M O /-

Assistant Engineer.

Re- New Museum.

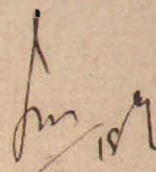
It is decided that the founds of this building should be taken to :-

- (1) Hard sandy bed on the west side.
- (2) Hard blue clay on the east side.

Care should be taken that a thin layer of sand or blue clay should not be the strata on which the founds are taken. The concreting should be done in stages starting from one end so that water may be easily removed. Founds should be carried in steps when adjacent depths in one line of wall vary.

Please work out what extra will be the extra cost if the first 9" layer concreting be 1:2:4 concrete instead of 1:3:6.

All trial fits to be paid for.



Executive Engineer,

Karachi Municipality.

342/

Copy to the Controller ^{managing} _{Chang.}

for information & use: return

extra cost for 100 cft will be 8 cft. 7.50 cft.
 Cement equal to 1/3 of for 9" depth will be 4188 cft.
 Total & estimated cost 7 50 will be required extra.
 or roughly Rs 7 50
 L 22/1/24.



273

XXXXXXXXXXXXXX
Ag. Executive Engineer.

18th December

3.

E/

7721

of 1923.

Memorandum.

Messrs. Sharry & Coy. are referred to this office No. S/7674 dated 14th instant, and they are requested to state when the construction of Museum Building and Washing & Bathing places will be started. They are also requested to call at this office to receive the instructions in connection therewith, for lining out the land etc.

Sd/ - Kumberalli Bhaledia
L.C.E.
Acting Executive Engineer,

UCP.

Karachi Municipality

No. E/

of 1923.

Municipal Office,

Karachi, 18th December 1923.

Copy forwarded to the Supervisor for information.

Ld 18/12/23

L.C.E.,
Acting Executive Engineer,
Karachi Municipality.

11/11



XXXXXXXXXXXXXX

Ag. Executive Engineer.

14th December

3

E/

7674

of 1923.

Memorandum.

Messrs. Charry & Coy., are informed that their tender for the construction of Museum Building and Washing & Bathing places in Lyari Quarter, have been accepted by the Municipality. They are therefore requested to comply with the requirements mentioned in the Chief Officer's No.C.17157 & 17164 dated 4th instant and start with the work at once. The Supervisor has been ~~was~~ instructed to mark out the necessary lines for them, for both the works.

Sd. Kumberalli Bhaledino.,
L.C.E.,

Acting Executive Engineer.,

MBS.14/XII/23.

Karachi Municipality.

No.E/

7675

of 1923.

Municipal Office,

Karachi, 14th December 1923.

Copy forwarded to the Supervisor for information and necessary action.

Kumberalli Bhaledino. 14/12/23

L.C.E.,
Acting Executive Engineer.,

MBS.14/XII/23.

Karachi Municipality.

275