

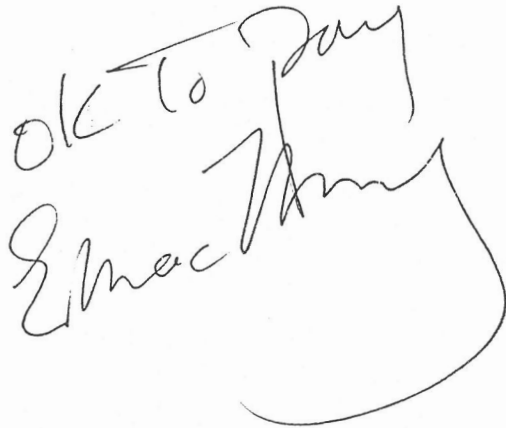
December 23, 1988

Request for Interim Payment

Please pay prior to January 1, 1989 the first interim payment as stated in Exhibit B of the contract. This amount is identified as not exceeding 35% of the total compensation. Total to be paid at this time is \$16,135.



Robert Coburn  
1428 SE Taylor  
Portland, OR 97214

OK to pay  
E Mac  


Attachment to contract

December 23, 1988

In regards to item 2e of exhibit A.

Further discussion is necessary regarding the responsibility for the installation cost of the ringing mechanisms.

A handwritten signature in cursive script that reads "Robert Coburn". The signature is written in dark ink and includes a long horizontal flourish extending to the right.



# METRO

2000 SW First Avenue  
Portland, OR 97201-5398  
(503) 221-1646  
Fax 241-7417

December 22, 1988

Executive Officer  
Rena Cusma

Metro Council

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Presiding Officer  
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District 10

David Knowles  
District 11

Gary Hansen  
District 12

Mr. Robert Coburn  
1428 S. E. Taylor  
Portland, Oregon 97214

Dear Bob:

As we agreed, your contract for the Oregon Convention Center's Bell Project shows a budget total of \$46,100, which is \$13,000 less than the correct amount. Because it is important to you to receive your first interim payment in 1988 and because there is not time to make the necessary changes in the contract before the end of the year, we have executed your contract using the lower figure. Soon after January 1, 1989, we will begin the procedure for correcting the amount and amend your contract.

Have a good Christmas!!

Sincerely,

Eloise MacMurray  
Public Art Coordinator

28500

outst fee

Work Scope

- A. 3 bells, negotiations & fundraising
- B Windpipes - scattered locations

Scope of work (A)

not alter  
w/ fewer  
bells.

- 1) ~~siting~~ siting
- 2) ~~eng~~ engineering of striking devices  
(correspondence, coord. w/ depend)
- 3) installation oversight
- 4) distribution

Size of Project

I - Wis.

3 bells

Windpipe in scattered locations

28,500

II - Revised

2 bells

~~Single windpipe~~

- Small bells on simple post, 1 location

Issues/Variables

A. Amount of coordination & Project mgmt. varies w/  
each item (Sapporo bell more work required)

B Need for Bell housing (Shutts) not correctly assessed  
in original proposal

~~Whole project reduced by 1/3 - (6# of bolts)~~  
~~50% of work score remains the same~~

C. Sitting for single windbell part vs. multiple sites.

Fees related to work scope:

\* Items 1-3 - less work -

Items 4-6 - same amount of work

most expensive

Project 1/3 less = fee 1/3 less

Question - what % of project are items 1-3 vs. 4-6

FEE  
Production

{ 50-50 -  
60-40 -  
70-30 -

~~FEE~~

Whole project is 1/3 less -

---

**MEETING NOTES - BOB COBURN'S CONTRACT**  
Carol Edelman, July 6, 1989

**SCOPE OF WORK:**

- 1) Negotiations
- 2) Fundraising
- 3) Siting
- 4) Engineering of striking devices & correspondence with Japan
- 5) Oversee installation
- 6) Design and implement ringing system

**SIZE OF PROJECT:**

Originally: 3 bells  
windpipes in various locations across site

Currently: 2 bells  
2 small windbells on single post, single location

**ISSUES/VARIABLES:**

- 1) Amount of negotiations & project magnitude varies with each item  
(ie. Ulsan bell required little advance work, Sapporo more)
- 2) Needs for bell houses not correctly assessed in original proposal.
- 3) Siting for single windbell vs. multiple sites for windpipes.

**FEEES RELATED TO SCOPE OF WORK:**

Items # 1 - 3, 5 now require less work  
# 4 + 6 require same amount of work

Question: what percent of the project are items 1-3,5 vs. 4 +6?

If the project were indeed 1/3 less of original magnitude, fee would be reduced by 1/3. But because items 4 + 6 require the same amount of work, how much then is given back of the 1/3?

From:

**Eloise MacMurray**  
Convention Center Project

July 26, 1989

Dear David,

Enclosed are some notes from a meeting Carol and I had about Bob Coburn's contract. I have also run through this with Neil McF. I thought you might want to look over this before our meeting Thursday with Bob. Carol, Neil and I agree that the artist fee should be less than the original, since there are two bells and not three. We don't feel, however, that the project is a full 1/3 less than originally. Perhaps we might suggest to him 21,000 or 22,000.

Also, we need to plug new figures into the budget. I think we stand to pick up a fair chunk.

I'll give you a call before our 3 p.m. meeting to discuss our strategy.

Thanks.



**METRO**

2000 S.W. First Avenue  
Portland, OR 97201-5398  
503/221-1646

Bob C. DK  
7/27/89

### Time for contract

negotiations w Taiwan did take time  
2-bell project changed total configuration  
of project (environment)  
top-sided system - 2 bells + sound  
envir. needed reworking.

Spent time w. Murase siting pipes  
w. Ernest Qingsky re: polls  
Designing pipes - only didn't construct  
them.

what to do with 3<sup>rd</sup> corner - evolved  
proposal using windbells - was spent  
time w. Jim Stewart (caster of windbells)  
work w. fabrication for pipes  
BC will keep pour bronze in Stewart's  
foundry

finish design for hanging windbells -

Doesn't think there is less time or  
less value - piece for \$

DK-Committee felt that scope of work has  
been reduced & contract should be  
reduced accordingly.



Installation: \$2000 MAX

not sure where compressor shld go - maybe  
best in blde not at site

Sinking system: 6000 (dences)

2500 comp, control timer

2000

\$ 10,500

if you're good may get \$2000 back

Installation + timer prob. will be less

Wind Bells:

Design + time: each cld take 1 month

\$ ③  
10,000

materials: 2500-3000 metals, clay etc.

1'-2'-in height.

wind vane 8'-12"

hanger 10"

3'-4' High

wld like to  
do one in  
betw 2 big  
bells.

② bells would reduce  
some

each will  
weigh 50-60  
lbs.

Poles: need to look nicer than original

Pipe supports - more imp. usually

\$4000 for 2 poles.

1000-1500 for installation (500 each)

Jim Stewart

Bells -

Wk -

275-0208

h

297-4020

1/17

- Some sounds he can't accept

Oriental style bells (W. bells can be precisely tuned)

- time element -

may not be done by end of Sept. late October - 2 might be easier

\* is making bells not musical instrument

old sign a contract saying wld do best but no guarantee

- \$ willing to try to do 2

will do 3 - old do for 10,000 but not happily - can't guarantee tones

Bruce West - upshots

time for tones is problem more than \$

Consulted w 10<sup>th</sup> generation bell caster in Japan -

old do in latte but don't is a place & wld compromise artistic aspect of bells

1428 SE Taylor  
Portland, OR 97214  
December 17, 1989

Dear Jim,

I hope you haven't given up on me by now. I think at this point it is hopeless for me to wait for a chance to call and get together with you to do this so I've decided to send you a written agreement and maybe we can talk on the phone. I hope you are going ahead with design plans. I have been thinking about my preferences for pitches. It will at least give us something to shoot for. I will include those in the enclosed agreement. I have a design idea from Bruce for a hanging structure. I will enclose a copy for your information.

I suspect when you review the enclosed agreement you will note that the total sum for the three bells is set at \$9000. That figure was given to me by the art committee who felt that \$3000 per bell was all they were willing to expend for the smaller bells. If you require the \$10000 that we discussed I will have to try to find it by reducing cost in some other line or dipping into my own fee. I'm not sure I've got anywhere to get it from in other cost areas so I guess I hope you will consider this figure. We can discuss it if you like.

The bell from Sapporo should be shipped in January and arrive in early February. It will be great to see it. I still want you to hear the tape of the Sapporo bell sometime.

I hope the enclosed looks OK. I'll call to check with you. In the meantime, have a Merry Christmas.



Well, I got delayed again---here it finally is.  
Please sign and return 1 copy  
to me.

1428 SE Taylor  
Portland, OR 97214  
December 4, 1989

Eloise MacMurray  
Percent for Art Projects  
Oregon Convention Center

Dear Eloise,

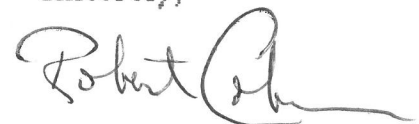
Enclosed is my budget review as of December, 1989. All expense items are accounted for. This assumes the following:

1. Major changes in the hanging structure for the small bells will not be necessary.
2. The installation cost for the hanging of the large bells is part of the expense of construction of the large bell hanging structures.
3. Installation of the striking devices for the large bells (the strikers only) will covered in the budget for the hanging structures.

As far as number three is concerned, I will assist in the process of hanging the automated strikers, but the cost of the actual physical process of hanging them up should be covered in the budget for the hanging structure. I do not expect this installation process will be costly or difficult but it should be done as part of the process of completing the structures.

I hope this is clear. Call if you have questions.

Sincerely,



Robert Coburn

December 4, 1989

**Budget Review - Oregon Convention Center Project**

Two striking devices (large bells)	6,000.00
Compressor, Controller, and Timer (large bells)	2,500.00
Installation of compression system	2,000.00
Three, 1.5 to 2 foot wind bells	10,000.00
Wind bell support structures	4,000.00
Wind bell installation	2,500.00
Artist fee	28,500.00
	<hr/>
	55,500.00
First Payment received December, 1988	16,135.00
	<hr/>
Total Remaining	39,365.00

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Second payment to be made early in 1990	20,000.00
Third payment to be made September 1990(balance)	19,365.00

Robert Coburn

Oregon Convention Center - Bell Project Update  
October 30, 1989

Dear Eloise,

Here is a sketch of the wind bells and their hanging structure. The total height of this system is approximately 14 feet. This should keep it out of reach. The hanging system for the single bell is very similar to this but not as tall because it will be located in a planter away from the public. The bells in this drawing are only rough approximations of the bells we are casting. The sketch has been done to scale but the graph paper didn't copy too well. The hanging structure is constructed with three uprights for stability and design. They are located as represented in the overhead view at the bottom. The intent of the design was to capture some of the sense of traditional eastern structures with their stacking of wooden pieces at corners and eaves. The steel will be galvanized and painted to give it some visual grain and texture.

We have begun the design for the smaller wind bells and should be able to cast our first bell before Christmas. This will give us enough time to assess the result and make whatever changes are necessary.

I have received a tape of the Sapporo bell and it is quite beautiful. I still would like to get a copy of the photo that you have of the bell. The bell is not as low in pitch as I had hoped. It is approximately 2 half steps higher than I requested. I will have to take this into consideration in working out the ringing pattern but I am sure that the two bells will sound wonderful on the site. Each of the bells has a total ring time exceeding two minutes.

I have confirmed with Sapporo that it will be possible to purchase the automated striking hammers from their source and still acquire the compression system to drive them here in Portland. This should prove to be simpler and less expensive.

If you want any other information please give me a call. I did give your name to Akiko Sugioka in Sapporo and she will be expecting to hear from you regarding shipment of the bell. She also said that it would work out fine to ship the striking hammers at the same time.

Robert Coburn

Turner Construction Company  
517 N.E. Union Avenue  
Portland, Oregon 97232  
Telephone (503) 236-9150

Oregon Convention Center, Project #4503M

# Turner

October 11, 1989

Metropolitan Services District  
Convention Center Project Office  
2000 SW 1st, Suite 150  
Portland, OR 97201

Attention: Mr. Neil McFarlane

Re: Bell Structures, CC #376

Dear Neil:

As discussed at the O-A-CM meeting on October 5, 1989, HOM has priced the Bell Structures at \$237,324. As part of HOM's proposal, HOM has requested a notice to proceed by October 13, 1989 so that shop drawings can be started.

We have enclosed a breakdown of HOM's pricing. An early review indicates that the miscellaneous iron roof structure/guardrails and granite flooring have exceeded Turner's estimate for those items of work.

Also enclosed are several possible areas of reducing the overall costs including:

1. Deleting the guardrails
2. Deleting the granite floor and using concrete
3. Delete the glazed roof/leaving the frame
4. Delete glazed roof and use a metal roof.

These are only a few suggestions and not having a budget to work from, we need direction from Metro on how to proceed.

There are several options available which include:

1. Give HOM a Notice to Proceed based on negotiating a final price once all quantities and pricing are checked.

2. Give HOM a Notice to Proceed on Force Account and monitor the work by signing time tickets.
3. Allow the Building Trades to assume full responsibility to obtain labor and materials to construct the two structures. This requires someone to assume the responsibility of coordination for shop drawings and construction scheduling.
4. Do not proceed with the work until:
  - a. Definite Budget is established
  - b. Definite agreement is reached with Building Trades
  - c. Redesign to a specific budget
  - d. Additional funding is obtained

This approach runs the risk of not having this work complete by the facility's opening day.

Please advise us as to the action that Metro wants us to pursue.

Very Truly Yours,  
TURNER CONSTRUCTION COMPANY



David A. Wachob  
Project Manager

xc: Glenn Taylor  
Chron  
M Chron  
0023/out  
0023/1% Art  
DAW



BELL STRUCTURES

- CC #376

Survey Time	\$	924	
Truck Time Backfill		958	
Concrete Reinforcement		612	
Misc. Iron Mat'l		46,687	
Misc. Iron Installation		18,922	(Incl O.T.)
Brick Masonry		2,658	
Painting		2,265	
Glazing of Roofs		44,175	
Pavers		370	
Granite		54,730	
Landscaping		(2,308)	
Glu Lam Mat'l		17,230	
Glu Lam Installation		3,769	
Concrete		7,360	
Protection (Plaza Pavers/Conc)		5,340	
Cleanup		758	
PP&L		800	
HOM Overtime		1,470	
Q.C. & Sub. Coord.		870	
HOM Markups & Misc.		29,734	
		<hr/>	
	\$	237,324	

**Delete Guardrails**

Steel	\$ 11,101	Stevens
Erection	2,660	H&L
HOM	1,500	Fndns.
W&B Paint	500	
	<hr/> 15,760	
HOM 5%	788	
	<hr/> 16,548	
HOM Ins. 1.3%	215	
	<hr/> \$ 16,763	Savings

**Delete Granite Floor**

Elite	\$ 54,730	Delete Granite
HOM	(700)	Add Back Conc.
	<hr/> 54,030	& Finish
HOM 5%	2,700	
	<hr/> 56,730	
HOM Ins. 1.3%	738	
	<hr/> \$ 57,468	Savings

**Delete Roof Glazing**

Dea Mor	\$ 44,175	
HOM 5%	2,209	
	<hr/> 46,384	
HOM 1.3%	603	
	<hr/> \$ 46,987	Savings

**Add Metal Roof Back/Delete Glass**

	(\$ 10,600)	Mtl Roof
	44,175	Glazed Roof
	<hr/> 33,575	
HOM 5%	1,680	
	<hr/> \$ 35,255	
HOM 1.3%	460	
	<hr/> \$ 35,715	Savings



# METRO

2000 SW First Avenue  
Portland, OR 97201-5398  
(503) 221-1646  
Fax 241-7417

October 9, 1989

Mr. Tom Worley  
Financial Secretary-Treasurer  
Ironworkers Union  
6701 SE Foster Road  
Portland, Oregon 97206

RE: Convention Center Bell Pavilions

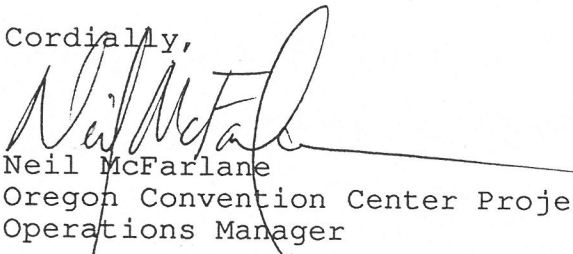
Dear Mr. Worley:

Attached for your information is a proposal submitted to Metro by Hoffman-Marmolejo detailing their estimate of costs to construct the two bell pavilions for the Oregon Convention Center.

We have talked previously about the Building Trades donating labor and arranging for donations of material to construct these pavilions. I thought the background from the Hoffman proposal would be of interest to you in arranging for these donations. Hoffman has asked Metro for a decision by October 13 -- so we would like to begin to formalize the generous offer of the Building Trades Council soon.

Please call me to arrange a meeting to discuss this project with your committee.

Cordially,

  
Neil McFarlane  
Oregon Convention Center Project  
Operations Manager

cc: ✓ Glenn Taylor, Construction Coordinator  
Eloise McMurray, 1% for Art Coordinator

Executive Officer  
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